ECPI University

# 2026 Catalog

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# About | History of ECPI



## About ECPI

ECPI University is a private, multi-campus university that operates in Virginia, North Carolina, South Carolina, Florida, Texas, Georgia, and globally through the online delivery of its programs. The University has a compelling history, and our success is dependent upon the trust and confidence we have earned from students, employees, and the communities in which we operate.

ECPI University stands for East Coast Polytechnic Institute, signifying its origin and ongoing commitment to technological advancement in all fields of study.

ECPI University LLC is a Virginia limited liability company, whose principal place of business and principal office is located:

| | | |
|---|---|---|
| ECPI University | Phone: | (757) 671-7171 |
| University Administration | Fax: | (757) 671-8661 |
| 5555 Greenwich Road | Email: | info@ecpi.edu |
| Virginia Beach, VA 23462 | Website: | https://www.ecpi.edu/ |

## Our History

Founded in Norfolk, Virginia in 1966, ECPI University demonstrated early on its commitment to forward-thinking, market-based curriculum, being among the first to offer classes in the growing field of computer programming.

From that point forward, ECPI University has pursued a path of sustained growth based on addressing the needs of students and employers while playing a key role in the mid-Atlantic's economic development.

The University eventually expanded its program offerings to include a variety of degrees in engineering technology, health sciences, nursing, business, and criminal justice. ECPI University also extended its reach by opening additional campuses and locations in Virginia, North Carolina, South Carolina, Florida, Texas, and through online programs. Degree programs at the associate, baccalaureate, and master's degree levels were added as well. Successful student outcomes, including high graduation rates and program-related employment, were considered of primary importance. These values continue to serve the institution, its students, and graduates.

| TIMELINE | |
|---|---|
| 1966 | ECPI opened in Norfolk, Virginia. |
| 1984 | ECPI opened its second campus in Richmond, Virginia. (Subsequently, branches opened throughout Virginia, North Carolina, and South Carolina.) |
| 1987 | Main campus relocated to Virginia Beach, Virginia. |
| 1992 | Began offering degrees in Health Sciences. |
| 1998 | Became accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees. (Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404.679.4500 for questions about the accreditation of ECPI University.) |
| 2004 | Following reaffirmation of accreditation, ECPI was accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate degrees. |
| 2005 | Additional baccalaureate degree programs and the use of distance learning technology were approved by the Southern Association of Colleges and Schools Commission on Colleges. |
| 2006 | Program offerings were expanded to include Culinary Science, Dental Assisting, Medical Radiography, and Associate Degree in Nursing programs. |
| 2011 | Attained University status and accredited by the Southern Association of Colleges and Schools Commission on Colleges to offer a Master of Science Degree in Information Systems. |
| 2013 | Reviewed by Southern Association of Colleges and Schools Commission on Colleges and accreditation was reaffirmed. Next reaffirmation of accreditation review is scheduled for 2023. |
| 2016 | Lake Mary, Florida (Orlando) campus opened. |
| 2019 | San Antonio, Texas campus opened. |
| 2023 | Reviewed by Southern Association of Colleges and Schools Commission on Colleges and accreditation was reaffirmed. Next reaffirmation of accreditation review is scheduled for 2033. |
| 2026 | Atlanta, Georgia campus opened. |

Throughout its history, ECPI has maintained a strong relationship with industry and employers. Program advisory boards regularly meet and provide valuable feedback regarding employer needs and industry trends. This feedback often translates into curriculum revisions that add value and help to make the University's programs more effective.

### Tuition Guaranty Bond (North Carolina and South Carolina Only)

ECPI maintains tuition guaranty bonds of not less than $10,000 each for the Charlotte, Greensboro, and Raleigh, North Carolina campuses. The Charlotte bond is on file with the Clerk of Superior Court, Mecklenburg County; the Greensboro bond is on file with the Clerk of Superior Court, Guilford County; and the Raleigh bond is on file with the Clerk of Superior Court, Wake County; and may be reviewed by an appointment with the respective Campus President.

ECPI maintains a tuition surety bond of not less than $10,000 for the Charleston, Columbia, and Greenville, South Carolina campuses. The bonds are on file with the South Carolina Commission on Higher Education, License Division, and may be reviewed by an appointment with the respective Campus President.

About | History of ECPI

## Catalog Information

This Catalog contains information, policies, procedures, regulations and requirements that were correct at the time of publication and are subject to the terms and conditions of the Enrollment Agreement entered into between the Student and ECPI University. In keeping with the educational mission of the University, the information, policies, procedures, regulations and requirements contained herein are continually being reviewed, changed and updated. Consequently, this document cannot be considered binding. Students are responsible for keeping informed of official policies and meeting all relevant requirements. When required changes to the Catalog occur, they will be communicated through catalog addenda and other means until a revised edition of the Catalog is published.

The policies in this Catalog have been approved under the authority of the ECPI University Board of Trustees and, therefore, constitute official University policy. Students should become familiar with the policies in this Catalog. These policies outline student rights and responsibilities.

The University reserves the right and authority at any time to alter any or all of the statements contained herein, to modify the requirements for admission and graduation, to change or discontinue programs of study, to amend any regulation or policy affecting the student body, to increase tuition and fees, to deny admission, to revoke an offer of admission, and to dismiss from the University any student at any time, if it is deemed by the University to be in the best interest of the University, the University community, or the student to do so. The provisions of this publication are subject to change without notice and nothing in this publication may be considered as setting forth terms of a contract between a student or a prospective student and ECPI University.

The electronic Catalog is the official version as it is updated on a regular basis. A PDF Catalog is available for individuals who do not have access to the electronic Catalog. Information from older catalogs is available upon request by contacting accreditation@ecpi.edu. The following Catalog inserts are also available upon request:

- Catalog Insert E – Faculty and Key Personnel
- Catalog Insert F – Dental Assisting Handbook
- Catalog Insert G – Diagnostic Medical Sonography Handbook
- Catalog Insert I – Medical Radiography Handbook
- Catalog Insert J – Physical Therapist Assistant Handbook
- Catalog Insert K – Surgical Technology Handbook
- Catalog Insert L – Masters of Science in Nursing Handbook
- Catalog Insert M – Bachelor of Science in Nursing Handbook
- Catalog Insert N – Associate Degree in Nursing Handbook
- Catalog Insert O – Bachelor of Science in Nursing (Florida)
- Catalog Insert P – Practical Nursing Handbook
- Catalog Insert R – Emergency Medical Technician Handbook
- Catalog Insert S – Bachelor of Science in Nursing (Traditional Track) Handbook
- Catalog Insert T- Master of Science in Physician Assistant

# Message from the President



Welcome to ECPI University!

At ECPI University, we understand the aspirations of people who want a direct route toward their career goals. Since 1966, ECPI has been offering career-oriented programs. A sound educational background, combined with hands-on experience, is required to meet the needs of an ever-changing and increasingly highly skilled society. As a student at ECPI University, you must take responsibility for your learning and personal development.

We invite you to learn from the full range of experiences that you will have, both inside and outside the classroom. We encourage you to remain open to new experiences and to new ideas and to pursue excellence while striving for your intellectual, professional, technical and personal goals. In addition, we ask you to contribute to the learning process of others. Every learner benefits when other learners share ideas, insights, and experiences in the classroom. We encourage respectful dialogue about differences in opinion and perspectives, as these are central to the learning process.

In all activities at the University, we expect students to behave responsibly and to communicate with honesty and integrity.

We encourage you to learn more about ECPI University and our programs to see how we may be able to help you achieve your educational goals.

Sincerely,

**Mark B. Dreyfus**
President
ECPI University

# About | Campuses

ECPI University is a career-focused academic institution geared toward adult learners looking to earn their degrees, fast. We are conveniently located for a short commute from anywhere in the region.

**Use the left-hand navigation to learn more about each campus or click a link below (organized by State).**

| | | |
|---|---|---|
| **FLORIDA** | | |
| • Orlando (Lake Mary) | | |
| **GEORGIA** | | |
| • Atlanta | | |
| **NORTH CAROLINA** | | |
| • Charlotte | | |
| • Greensboro | | |
| • Raleigh | | |
| **SOUTH CAROLINA** | | |
| • Charleston | | |
| • Columbia | | |
| • Greenville | | |
| **TEXAS** | | |
| • San Antonio | | |
| **VIRGINIA** | | |
| • Virginia Beach (Main Campus) | | |
| • Newport News | | |
| • Northern Virginia (Manassas) | | |
| • Richmond | | |
| • Roanoke | | |

## Classrooms, Labs, Offices, and Equipment

Each campus and teaching location includes a variety of classrooms, labs, and equipment to meet the needs of students in the various program offerings. Instructional equipment is available according to the program curriculum so students can acquire an understanding of the kind of equipment they could expect to encounter in an entry-level position in their field. The equipment must be shared by students; accordingly, ECPI University cannot guarantee students hands-on use of the equipment beyond that called for in the curriculum. To complete the requirements of their programs, students may have to schedule use of the equipment outside normal class hours. Equipment may be used for class assignments only.

# Virginia Beach, VA - Main Campus




Virginia Beach is the main campus of ECPI University and offers associate, bachelor's and master's degree programs in a student-centered environment that promotes hands-on learning, schedule flexibility, and frequent faculty/student interaction. Equipment currently found on the job is utilized to further enrich student learning and valuable student learning resources are also available. Day, evening, and weekend classes are available for resident, online and hybrid classes.

ECPI Virginia Beach is nestled in the heart of Hampton Roads off of Newtown Road with a short drive to neighboring cities of Norfolk, Chesapeake, and Portsmouth. The Virginia Beach Campus has several off-campus locations that are conveniently located near Newtown Road and Interstate 264. These locations provide free student parking. Student housing assistance is also available.

Virginia Beach is home to some of the country's largest military installations, Norfolk Naval Base and Naval Air Station Oceana. Students are minutes from the beautiful beaches of the Virginian Beach oceanfront and exciting fishing of the Chesapeake Bay. The location is close to Virginia Beach's Town Center which offers diverse dining and shopping options.

ECPI's Online programs offer the same high quality education received by students in our traditional classrooms, ensuring students are provided with the education they need to keep in step with today's technology-based workplace.

| **MAIN CAMPUS - COLLEGE OF BUSINESS AND CRIMINAL JUSTICE \| COLLEGE OF TECHNOLOGY \| ONLINE** | | |
|---|---|---|
| 5555 Greenwich Road | | |
| Virginia Beach, VA 23462 | | |
| (757) 671-7171 | Main Campus Phone | |
| (800) 290-7177 | Online Campus Phone | |
| | | |
| **COLLEGE OF HEALTH SCIENCE \| COLLEGE OF NURSING** | | |
| 5501 Greenwich Road #100 | | |
| Virginia Beach, VA 23462 | | |
| (757) 497-8400 | | |
| | | |
| **COLLEGE OF CULINARY ARTS \| CULINARY INSTITUTE OF VIRGINIA** | | |
| 2428 Almeda Avenue #106 | | |
| Norfolk, VA 23513 | | |
| (757) 858-2433 | | |
| | | |
| **SCHOOL OF PROFESSIONAL DEVELOPMENT AND CONTINUING EDUCATION** | | |
| Professional Development Programs PDF | | |

## Atlanta, GA, Campus



The ECPI University Atlanta campus is located in the Chattahoochee Bluffs neighborhood on Towercreek Parkway SE. With a variety of dining and retail options nearby, the campus offers students both convenience and accessibility. Atlanta embodies a unique blend of Southern hospitality and modern innovation, providing students with a dynamic environment for learning and growth. From the eclectic culture of Little Five Points to renowned attractions such as the Georgia Aquarium, the city offers rich cultural and recreational experiences.

| ATLANTA - COLLEGE OF TECHNOLOGY | | |
|---|---|---|
| 3101 Towercreek Parkway SE | | |
| Atlanta, Georgia 30339 | | |
| (770) 874-4441 | | |

### Classrooms, Labs, Offices, and Equipment

The Atlanta campus encompasses 15,681 square feet within a professional office building and is designed to support a wide range of academic programs. The facility includes nine classrooms: five lecture spaces equipped with PCs and laptop connectivity, two nursing skills laboratories that replicate real-world clinical environments, a cybersecurity laboratory that provides computers, network devices, and simulation software arranged in collaborative pods, and an Electronics/Mechatronics laboratory that features computers, circuit stations, instrumentation equipment, and specialized simulation tools. In addition, students also have access to a library and learning resource center. Administrative space consists of offices for admissions, financial services, career services, the campus president, and other student support staff. This ensures that students receive comprehensive academic and student services in addition to hands-on technical training.



## Charleston, SC, Campus



ECPI Charleston is located on Paramount Drive in North Charleston, South Carolina (I-526 at exit 15 for Dorchester Road). Charleston is one of the East Coast's hottest tourist attractions because of the rich history and beautiful beaches. Fill your weekends with a trip to Fort Sumter, the South Carolina Aquarium, or touring the historic homes.

| CHARLESTON - COLLEGE OF BUSINESS AND CRIMINAL JUSTICE \| COLLEGE OF HEALTH SCIENCE \| COLLEGE OF NURSING \| COLLEGE OF TECHNOLOGY | | |
|---|---|---|
| 3800 Paramount Drive | | |
| North Charleston, SC 29405 | | |
| (843) 414-0350 | | |

## Classrooms, Labs, Offices, and Equipment

The facility of ECPI University Charleston is housed on 2 floors and has 50,000 square feet of space. The space contains a total of 23 classrooms which include 1 electrical engineering technology lab, 5 nursing simulation labs, 2 science labs, and 15 combined classrooms and labs. Additional rooms include a student lounge, a conference room, a student break room, and administrative offices.

About | Campuses

# Charlotte, NC, Campus




The Charlotte campus is located in the bustling metropolis of Charlotte on Airport Center Parkway, near the Charlotte-Douglas International Airport and Billy Graham Parkway. Charlotte is known for its southern hospitality and business opportunities, with a significant number of Fortune 500 companies in the area. Charlotte also provides a wide variety of social activities through numerous cultural fairs, Charlotte Hornets NBA team and Carolina Panthers NFL team, museums, parks and the National Whitewater Center. Charlotte offers students extravagant dining, shopping, and a big city feel.

## Classrooms, Labs, Offices, and Equipment

The facility of ECPI University Charlotte has fourteen classrooms, twelve computer labs, one science lab, two nursing simulation labs, two break rooms, two testing rooms, and two conference rooms.  The two-story facility is approximately fifty thousand square feet.

| CHARLOTTE - COLLEGE OF HEALTH SCIENCE \| COLLEGE OF NURSING \| COLLEGE OF TECHNOLOGY | | |
|---|---|---|
| 4800 Airport Center Parkway, #100 | | |
| Charlotte, NC 28208 | | |
| (704) 399-1010 | | |

About | Campuses

## Columbia, SC, Campus




The Columbia Campus is located one-half mile down the frontage road (Berryhill Road) off Bush River Road and is located in the area of South Carolina referred to as the “Midlands.” Located in the center of the state, the location is a short drive from both the Atlantic Ocean or, in the other direction, the Appalachian Mountains.

Columbia has a number of recreational opportunities including boating and fishing on Lake Murray, a 50,000 acre man-made lake with over 500 miles of shoreline. Lake Murray is a natural wonder to explore and a true fisherman’s challenge, hosting numerous professional fishing tournaments annually.

| COLUMBIA - COLLEGE OF HEALTH SCIENCE \| COLLEGE OF NURSING \| COLLEGE OF TECHNOLOGY | | |
|---|---|---|
| 250 Berryhill Road #300 | | |
| Columbia, SC 29210 | | |
| (803) 772-3333 | | |

### Classrooms, Labs, Offices, and Equipment

The ECPI University facility in Columbia, SC is contained on the third floor of a multi-floored building, and comprised of 24,928 square feet of space. The campus includes 15 classrooms, which incorporate 2 electrical engineering technology labs, 3 nursing simulation labs, and 10 science labs. Additional rooms consist of a library, a conference room, a student break room, and administrative and faculty offices.

About | Campuses

## Greensboro, NC, Campus




The Greensboro campus is located on Airport Center Drive near the Piedmont Triad International Airport. Local history buffs will enjoy visits to Guilford Courthouse National Military Park and events at the Greensboro Coliseum Complex.

The Greensboro location is active throughout the Piedmont Triad area of North Carolina. ECPI is a member of the Chambers of Commerce of the nine surrounding counties. Through a semi-annual Community Resource Fair, community organizations are invited to campus to discuss opportunities for students. For those looking for the next step in their lives, the campus hosts seminars on “First-Time Home Buyers” and “Start Your Own Business,” where students learn time and money management.

| GREENSBORO - COLLEGE OF HEALTH SCIENCE \| COLLEGE OF NURSING \| COLLEGE OF TECHNOLOGY | | |
|---|---|---|
| 3975 Premier Drive | | |
| High Point, NC 27265 | | |
| (336) 792-7594 | | |

### Classrooms, Labs, Offices, and Equipment

The facility of ECPI University Greensboro is housed in a one-story building with approximately 31,000 square feet. There is a large fountain in front of the building, many trees, and parking on three sides. The campus contains a library, a student break room, two electrical engineering technology labs, two medical assisting labs, two nursing labs, one science lab, and fifteen classrooms equipped with student computers, an instructor computer and LCD projectors in each room. Additionally, the campus houses a front lobby, two testing rooms and administrative offices.

About | Campuses

## Greenville, SC, Campus




ECPI Greenville is located off of Keys Drive. Greenville, South Carolina offers residents southern living at its finest with lots of outdoor recreation, hospitality, and great festivals and downtown events, including Fall for Greenville and Artisphere. The Greenville Zoo and many public parks provide great opportunities to enjoy the outdoors.

| GREENVILLE - COLLEGE OF BUSINESS AND CRIMINAL JUSTICE \| COLLEGE OF HEALTH SCIENCE \| COLLEGE OF NURSING \| COLLEGE OF TECHNOLOGY | | |
|---|---|---|
| 1001 Keys Drive #100 | | |
| Greenville, SC 29615 | | |
| (864) 288-2828 | | |

### Classrooms, Labs, Offices, and Equipment

The facility of ECPI University Greenville is housed on the first floor and has 30,769 square feet of space. The space contains a total of 23 classrooms which include 1 electrical engineering technology lab, 1 mechatronics lab, 1 nursing lab, 1 science lab, and 3 combined classrooms and labs. Additional rooms include a student lounge, conference room, library, and administrative offices.

About | Campuses

## Newport News, VA, Campus




The Newport News campus is located in one of the cities that make up beautiful Hampton Roads. The campus in located on the peninsula off of Omni Boulevard. Students are a short drive from Busch Gardens Amusement Park and historic Williamsburg. Newport News also offers students an exciting variety of cultural festivals throughout the year.

| **NEWPORT NEWS - COLLEGE OF BUSINESS AND CRIMINAL JUSTICE \| COLLEGE OF TECHNOLOGY** | | |
|---|---|---|
| 1001 Omni Boulevard #100 | | |
| Newport News, VA 23606 | | |
| (757) 838-9191 | | |
| | | |
| **COLLEGE OF HEALTH SCIENCE \| COLLEGE OF NURSING** | | |
| (757) 873-2423 | | |

About | Campuses

## Northern Virginia (Manassas) Campus




The Manassas campus in located in Northern Virginia on Balls Ford Road. The location is a short drive or metro ride to our nation’s capital, Washington DC. The location has an array of dining options within 20 minutes.

ECPI Manassas is active in the community, supporting the Virginia Renaissance Faire, Diabetes Step Out Walk and the SERVE Shelter which is part of the Northern Virginia Family Services.

| NORTHERN VIRGINIA - COLLEGE OF HEALTH SCIENCE \| COLLEGE OF NURSING \| COLLEGE OF BUSINESS AND CRIMINAL JUSTICE \| COLLEGE OF TECHNOLOGY | | |
|---|---|---|
| 10021 Balls Ford Road, Suite 100 | | |
| Manassas, VA 20109 | | |
| (703) 330-5300 | | |



# Lake Mary, FL, Campus (Orlando)




ECPI University Orlando and its College of Nursing are located in the charming City of Lake Mary, one of the fastest-growing communities in Central Florida. Located just north of Orlando on Interstate 4, Lake Mary offers all the conveniences of the metropolitan area minus the traffic and congestion. From its many employment opportunities and excellent schools to outdoor fun and entertainment, Lake Mary offers a small-town feel that makes it an ideal location to attend nursing school. This campus boasts modern classrooms with advanced clinical simulation laboratories, equipped with a variety of human patient simulators and medical equipment designed to help nursing students master the practical, decision-making, and problem-solving skills required in the nursing environment.

| LAKE MARY - COLLEGE OF HEALTH SCIENCE \| COLLEGE OF NURSING \| COLLEGE OF TECHNOLOGY | | |
|---|---|---|
| 660 Century Point | | |
| Lake Mary, FL 32646 | | |
| (407) 414-0350 | | |

## Classrooms, Labs, Offices, and Equipment

The facility of ECPI University Orlando (Lake Mary), Florida campus consists of 19,200 square feet of leased space in a multi-tenant single story building located at 660 Century Point, Lake Mary, Florida.

The physical location of the campus consists of 19,200 square feet of leased space in a multi-tenant single story building located at 660 Century Point, Lake Mary, Florida.

The campus incorporates both a wired and wireless computer network, for the use of both personal computers and laptops, administered by its own server. Six desktop computers are available in the library for student use. The campus has approximately 80 laptops that are available for student testing and student use in addition to the desktop computers provided in the library. All tables in the classrooms, labs, and library contain both power and data outlets.

The campus has two large combination classroom/labs and one larger classroom. Each of the classroom/labs contains at least 68 desk spaces for students. All student desk seating locations have both electrical power and data connections.

Classroom Lab 1 is approximately 50 x 58 feet and contains ten hospital beds with bedside tables and cabinets, low-fidelity, and medium-fidelity mannequins, as well as other necessary equipment. These mannequins and simulators can be used for various clinical tasks, including indwelling catheter insertion, naso-gastric tube insertion, wound care, assessment skills, and many other clinical tasks. There are currently 16 of these mannequins and simulators available for student instruction and training.

Classroom Lab 2, is 50 x 58 feet and contains six hospital beds with bedside tables and cabinets, low fidelity, medium-fidelity, and high-fidelity mannequins, as well as necessary equipment. These spaces simulate a hospital environment that, in addition to the hospital beds, contains individual headboards with simulated air and gas lines.

The larger dedicated classroom is approximately 58 x 56 feet in size, seats approximately 74 students and is outfitted with a multimedia cart, two mounted LCD projectors, and two large dry erase boards.

The campus also has a large Simulation Center which is approximately 32 x 52 feet in size and contains four hospital beds, four stretchers, bedside tables and cabinets, high-fidelity mannequins, a debriefing area and necessary supplies.

The facility has 14 private offices available for use by faculty and staff. There is also a large open area, approximately 1,800 square feet. Admissions, Student Finance, Student Records, and the Library have allotted office spaces. Also, there are two larger executive-type offices, one for the Program Director and the other for the Campus President, with an executive assistant's office located between them.

One conference room (seating for 10-12) is available for faculty and student use. There is a small student lounge area near the rear entrance to the facility with vending machines, a refrigerator/freezer, microwave, coffeemaker, etc.

Parking is readily available with 169 parking spaces designated for the campus. Three parking spaces are designated as handicapped parking.

About | Campuses

# Raleigh, NC, Campus



The Raleigh campus is located in the capital city of North Carolina and is surrounded by three prominent cities referred to as the Triangle: Raleigh, Durham and Chapel Hill. This area is known for academia, medicine, and technology. Within a few hours' drive students can reach the beach or mountains. Raleigh offers exciting attractions such as a professional hockey team, the Carolina Hurricanes, and great college football and basketball teams. Raleigh's local shopping, dining and theatre are also outstanding.

The faculty and students of ECPI Raleigh are very active in the community supporting causes like the American Cancer Society Relay for Life, Susan G. Komen Foundation, the Food Bank, United Way, and Kramden Institute.

| **RALEIGH - COLLEGE OF BUSINESS AND CRIMINAL JUSTICE \| COLLEGE OF HEALTH SCIENCE \| COLLEGE OF NURSING \| COLLEGE OF TECHNOLOGY** | | |
|---|---|---|
| 4101 Doie Road | | |
| Raleigh, NC 27613 | | |
| (919) 571-0057 | | |

## Classrooms, Labs, Offices, and Equipment

The facility of ECPI University Raleigh, in addition to administrative offices, has a Library, 15 classrooms, 15 computer labs, a science lab, electronic lab, mechatronics lab, 2 nursing simulation labs, a student lounge and a student computer room. The two-story facility is approximately forty-three thousand square feet.

About | Campuses

# Richmond, VA Campuses

Richmond's location on the James River is well known for its historic monuments, excellent dining, museums, and outdoor events. Richmond is a short drive to the wine country and fabulous skiing and hiking trails of the Blue Ridge Mountain, as well as the great weekend destinations of the Atlantic coastline.

ECPI has the following **two locations** in the Richmond area.

# Glen Allen Campus



The Broad Street site in Glen Allen is located in the greater northwest Richmond area, in Henrico County, centered in the lively west end of Richmond, Virginia. The campus is conveniently located near the I-64 and I-295 interchange.

| GLEN ALLEN - COLLEGE OF BUSINESS AND CRIMINAL JUSTICE \| COLLEGE OF CULINARY ARTS \| COLLEGE OF TECHNOLOGY | | |
|---|---|---|
| 11104 West Broad Street | | |
| Glen Allen, VA 23060 | | |
| (804) 934-0100 | | |

## Emerywood Campus




The Emerywood (West) Campus is located in the west end of Richmond, immediately adjacent to and visible from I-64, Exit 183C on Emerywood Parkway. ECPI Emerywood is located in Commerce Plaza on Emerywood Parkway with easy access to West Broad Street, Glenside Drive, and Exit 183A on Interstate 64.

| EMERYWOOD - COLLEGE OF HEALTH SCIENCE \| COLLEGE OF NURSING \| MEDICAL CAREER INSTITUTE | | |
|---|---|---|
| 2809 Emerywood Parkway, Suite 400 | | |
| Richmond, VA 23294 | | |
| (804) 521-5999 | | |

About | Campuses

## Roanoke, VA, Campus

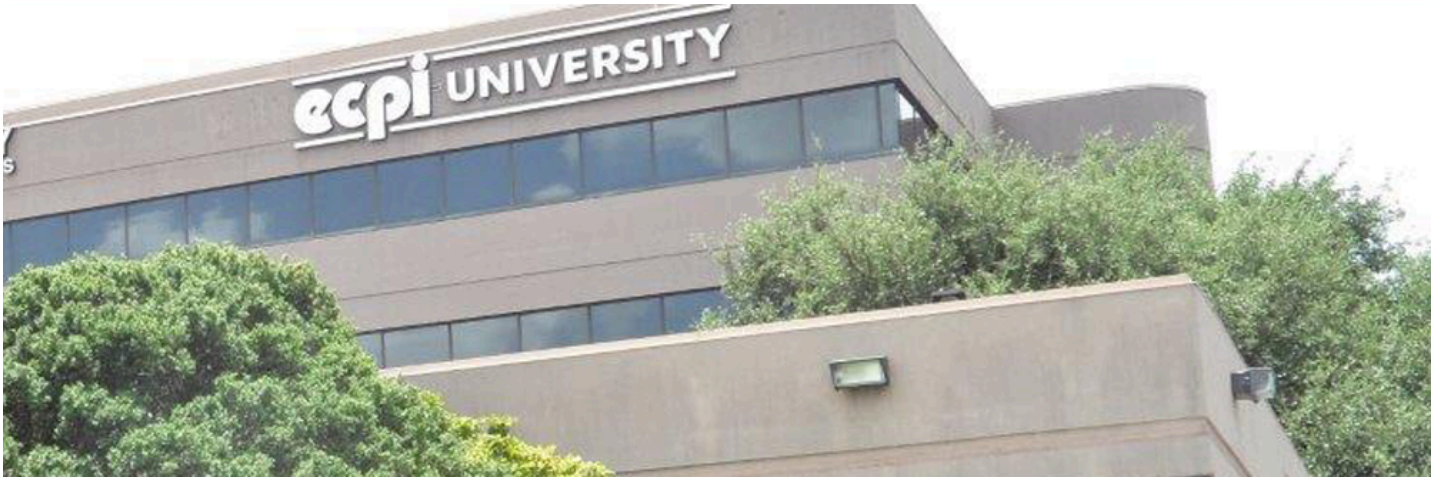



The Roanoke Campus is centrally located in the Roanoke Valley, and is easily accessible from anywhere in Southwest Virginia. The campus is close to Interstate 81, Routes 460 and 220, and is a short distance from the scenic Blue Ridge Parkway, Allegheny Mountains, Smith Mountain Lake, and many historical sites including Mabry Mill, Mill Mountain Star, Appomattox, and George C. Marshall Research Library.

| ROANOKE - COLLEGE OF HEALTH SCIENCE \| COLLEGE OF NURSING \| COLLEGE OF TECHNOLOGY | | |
|---|---|---|
| 5234 Airport Road | | |
| Roanoke, VA 24012 | | |
| (540) 563-8000 | | |

About | Campuses

## San Antonio, TX, Campus




ECPI University's San Antonio campus is located about 10 miles Northwest of downtown, just off the Connally Loop. Ranked as the seventh largest city in the nation by population, San Antonio is a great place to attend school, work, and play. It boasts a rich cultural history, along with an endless list of activities. From shopping to outdoor recreation, the arts, and a vibrant nightlife, San Antonio has it all.

| SAN ANTONIO - COLLEGE OF NURSING \| COLLEGE OF TECHNOLOGY | | |
|---|---|---|
| 10000 IH 10 West | | |
| San Antonio, TX 78230 | | |
| (210) 973-5205 | | |

# Mission and Core Values




## Our Mission

*ECPI University provides a student-centered learning environment that promotes the enhancement of each student's professional and personal life through education.*

## Our Core Values

ECPI University delivers high quality education and student services, and we are committed to the following four Core Values.

### Excellence in academics.

- Curriculum designed to foster life-long learning and educational excellence by reinforcing critical thinking, teamwork, problem-solving, and communication skills
- Industry-relevant programs maintain rigorous academic standards and are complemented by robust student support services
- Hands-on, applied learning complements a strong theoretical foundation that prepares our graduates for the workplace

- Qualified faculty are academically credentialed, and their industry experience enriches the student's classroom experience

### Commitment to students.

- Selective admissions process ensures that incoming students make informed decisions regarding their educational investment and are prepared for postsecondary education
- Dedicated professionals support the student experience and facilitate the achievement of individual student success
- Meaningful internship experiences and opportunities for graduate employment are available as a result of our long-standing employer partnerships
- Rigorous institutional effectiveness process promotes continuous improvement of the University

### Professionalism in action.

- Professional appearance, punctuality, attendance, and other behaviors that are appropriate to professional environments are valued and reinforced
- Professional, civic, and ethical behaviors are promoted through the examples set by faculty and staff
- Student-centered learning environment simulates the workplace and encourages collaboration to accomplish common goals
- Opportunities for students to demonstrate professionalism by participating in on-site employer interviews, networking, and professional events including career fairs

### Innovation in Education.

- Extensive use of technology is encouraged to enhance each student's university experience
- Convenient, year-round schedules allow graduates to complete their programs in a timely manner
- Input is routinely sought from the dynamic communities we serve
- Multiple approaches are encouraged to reach educational outcomes and maximize student success

# Accreditation and Approvals

**Navigate additional accreditation and licensure sections using the menu to the left.**

## Institutional Accreditation

ECPI University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate, baccalaureate, and master's degrees. ECPI University also offers credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of ECPI University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (https://www.sacscoc.org/).

ECPI University's accreditation status includes all campuses. ECPI University's accreditation is dependent on the continued accreditation of the parent campus located in Virginia Beach, Virginia. All campus sites, regardless of location or mode of delivery, are evaluated during reviews for the reaffirmation of accreditation. All other extended sites under the accreditation of the parent campus are also evaluated during such reviews.

### Accreditation Liaison

The ECPI University accreditation liaison for the Southern Association of Colleges and Schools Commission on Colleges is John Olson (email: jolson@ecpi.edu).

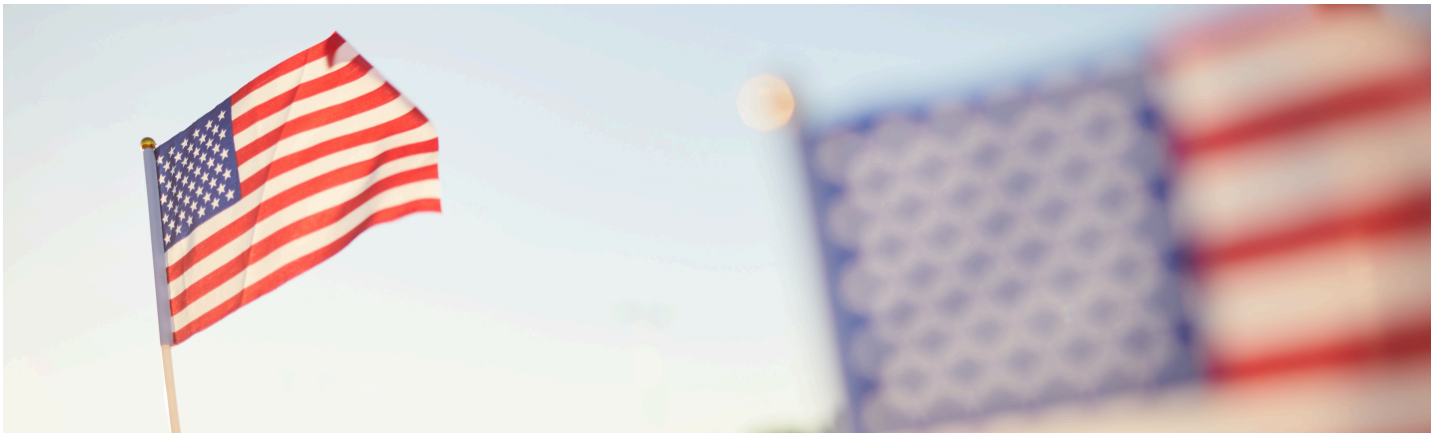
**Navigate our state licensure and approvals, programmatic accreditation, and reciprocity agreements using the menu to the left.**

## Other University Approvals and/or Eligibilities

ECPI University is...

- eligible to participate in federal Title IV financial aid programs administered by the U.S. Department of Education.
- approved for the training of veterans and other eligible persons.
- an eligible institution to train students under the sponsorship of the Department of Vocational Rehabilitation.
- authorized under federal law to enroll nonimmigrant alien students at ECPI University campuses in Newport News, VA; Northern Virginia, VA; Raleigh, NC; and Virginia Beach, VA.
- designated as a Center of Academic Excellence in Cyber Defense (CAE-CDE) by the National Security Agency (NSA).

# State Licensure



## State Licensure

### Florida

ECPI University is licensed by the Commission for Independent Education, Florida Department of Education. Additional information regarding this institution may be obtained by contacting the Commission at 325 West Gaines Street, Suite 1414, Tallahassee, FL 32399-0400, toll-free telephone number (888) 224-6684.

### Georgia

ECPI University is authorized by the Georgia Nonpublic Postsecondary Education Commission, 2082 East Exchange Place, Tucker, GA 30084, telephone (770) 414-3300, https://gnpec.georgia.gov. The Commission serves as the official state entity to receive complaints concerning postsecondary institutions that are authorized to operate in Georgia. If students are unable to resolve a complaint through the institution's grievance procedures, they can review the Complaints Against an Institution policy and submit their complaint at https://gnpec.georgia.gov/student-resources/complaints-against-institution.

### North Carolina

ECPI University is licensed by the Board of Governors of the University of North Carolina to award degrees.

The State Authorization Unit of the University of North Carolina System Office serves as the official state entity to receive complaints concerning post-secondary institutions that are authorized to operate in North Carolina. If students are unable to resolve a complaint through the institution's grievance procedures, they can review the Student Complaint Policy (PDF) and submit their complaint using the online complaint form at https://studentcomplaints.northcarolina.edu/form.

For more information contact:

North Carolina Post-Secondary Education Complaints
223 S. West Street, Suite 1800
Raleigh, NC 27603
(919) 962-4550

To file a complaint with the Consumer Protection Division of the North Carolina Department of Justice, please visit the State Attorney General's web page at: https://www.ncdoj.gov/complaint/. North Carolina residents may call (877) 566-7226. Outside of North Carolina, please call (919) 716-6000. En Espanol (919) 716-0058. If you choose to mail a complaint, please use the following address:

Consumer Protection Division
Attorney General's Office
Mail Service Center 9001
Raleigh, NC 27699-9001

ECPI University is licensed by the North Carolina State Board of Community Colleges to award diplomas. The North Carolina State Board of Community Colleges is not an accrediting agency.

### South Carolina

ECPI University is licensed by the South Carolina Commission on Higher Education (1122 Lady Street, Columbia, SC 29201, telephone (803) 737-2260, https://www.che.sc.gov/).

Licensure by this Commission indicates only that minimum standards have been met and it is not an endorsement or guarantee of quality. Licensure is not equivalent to or synonymous with accreditation by an accrediting agency recognized by the U.S. Department of Education.

For information regarding SC student complaints, please see the Student Complaint and Procedures Form from South Carolina Commission on Higher Education: https://che.sc.gov/sites/che/files/Documents/Institutions%20and%20Educators/Licensing/Student_Complaint_Procedures_and_Form_09192022.pdf.

South Carolina Commission on Higher Education can be contacted at:

SC Commission on Higher Education
Academic Affairs
1122 Lady Street, Suite 400
Columbia, SC 29201
Telephone: (803) 737-2260
Website: https://www.che.sc.gov/

### Texas

ECPI University, San Antonio is authorized by the Texas Higher Education Coordinating Board to conduct courses, grant degrees, grant credit toward degrees, and to use certain protected academic terms in the State of Texas until expiration of its current grant of accreditation with the Southern Association of Colleges and Schools Commission on Colleges.

Students wishing to file a complaint with the Texas Higher Education Coordinating Board may contact the Board at the following web address: https://www.highered.texas.gov/student-complaints/. The rules governing student complaints may be found in Title 19 of the Texas Administrative Code, Sections 1.110-1.120, at the following web address: https://texreg.sos.state.tx.us/public/readtac$ext.ViewTAC?tac_view=5&ti=19&pt=1&ch=1&sch=E&rl=Y

### Virginia

ECPI University has authority issued from the State Council of Higher Education of Virginia to offer degrees, courses for degree credit, and programs of study leading to a degree.

Accreditation and Approvals

# State Nursing Approvals



## State Nursing Approvals

The ECPI University School of Nursing programs are approved by the following state nursing boards.

### Florida

The baccalaureate degree program in nursing at ECPI University Orlando, Florida is accredited by the Commission on Collegiate Nursing Education (https://www.ccneaccreditation.org/).

The Associate Degree in Nursing is approved by the Florida Board of Nursing at the ECPI University campus in Lake Mary, Florida.

Nursing education programs in Florida that hold specialized nursing accreditation by the Accreditation Commission for Education in Nursing (ACEN) or by the Commission on Collegiate Nursing Education (CCNE) are not regulated by the Florida Board of Nursing. Consumers are advised that the Board is not authorized to conduct site visits, and oversight of approved nursing education program quality measures is limited by Florida law.

### North Carolina

The Associate Degree in Nursing is approved by the North Carolina Board of Nursing at the ECPI University campus in Charlotte and Raleigh, North Carolina.

The Diploma in Practical Nursing is approved by the North Carolina Board of Nursing at the ECPI University campuses in Charlotte, Greensboro, and Raleigh, North Carolina.

### South Carolina

The Diploma in Practical Nursing is approved by the South Carolina Department of Labor, Licensing and Regulation, South Carolina Board of Nursing at the ECPI University campuses in Columbia, Greenville, and North Charleston, South Carolina.

The Associate Degree in Nursing is approved by the South Carolina Department of Labor, Licensing and Regulation, South Carolina Board of Nursing at the ECPI University campuses in Columbia, Greenville and North Charleston, South Carolina.

The Bachelor of Science in Nursing has initial approval of the South Carolina Department of Labor, Licensing and Regulation, South Carolina Board of Nursing at the ECPI University campus in North Charleston.

### Virginia

ECPI University has received approval for the Practical Nursing (PN) program by the Department of Health Professions, Virginia Board of Nursing at the Newport News, Northern Virginia, Richmond/Emerywood, Roanoke, and Virginia Beach, Virginia campuses.

ECPI University has received approval for an Associate Degree in Nursing by the Department of Health Professions, Virginia Board of Nursing at the Newport News, Northern Virginia, Richmond/Emerywood, Roanoke, and Virginia Beach, Virginia campuses.

ECPI University has received initial approval for the Bachelor of Science in Nursing by the Department of Health Professions, Virginia Board of Nursing at the Northern Virginia and Richmond/Emerywood campuses.

ECPI University has received full approval for the Bachelor of Science in Nursing by the Department of Health Professions, Virginia Board of Nursing at the Virginia Beach campus

### Texas

The Associate Degree in Nursing is approved by the Texas Board of Nursing at the ECPI University campus in San Antonio, Texas.

Accreditation and Approvals

## Programmatic Accreditation

### Programmatic Accreditation

ECPI University has met the standards of accreditation for the following specialized or programmatic accreditation agencies that are recognized by the Council of Higher Education Accreditation and/or the US Department of Education.  Copies of the accreditation approvals are available for inspection during regular business hours at the respective local campus.

### ABET

The Bachelor of Science in Electronic Systems Engineering Technology at the Virginia Beach and Newport News, VA campuses and Online is accredited by the Engineering Technology Accreditation Commission (ETAC) of ABET, https://www.abet.org/, under the General Criteria and the Electrical/Electronic(s) Engineering Technology and Similarly Named Programs Program Criteria.

The Bachelor of Science in Mechanical Engineering Technology at the Virginia Beach campus and Online is accredited by the Engineering Technology Accreditation Commission (ETAC) of ABET, https://www.abet.org/, under the General Criteria and the Mechanical Engineering Technology and Similarly Named Programs Program Criteria.

ABET
415 North Charles St.
Baltimore, MD 21201
Telephone: (410) 347-7700

### Accrediting Bureau of Health Education Schools (ABHES)

The Medical Assisting programs at ECPI University are accredited by the Accrediting Bureau of Health Education Schools (ABHES) at the following ECPI University campuses: Newport News, Northern Virginia, Richmond, Roanoke, and Virginia Beach, Virginia; Charlotte, Greensboro and Raleigh, North Carolina; Charleston, Columbia, and Greenville, South Carolina. This is a programmatic accreditation by ABHES, a recognized accrediting agency for allied health programs, including medical assisting. For more information, visit https://www.abhes.org/.

The Surgical Technology programs are accredited by the Accrediting Bureau of Health Education Schools (ABHES) at the following ECPI campuses: Northern Virginia and Richmond, Virginia campuses. This is a programmatic accreditation by ABHES, a recognized accrediting agency for allied health programs including surgical technology. For more information, visit https://www.abhes.org/.

Accrediting Bureau of Health Education Schools
6116 Executive Boulevard, Suite 730
North Bethesda, MD 20852
Telephone: (301) 291-7550 E-mail: info@abhes.org

## Accrediting Commission of the American Culinary Federation Education Foundation (ACACFEF)

The AAS in Culinary Arts degree is accredited by the Accrediting Commission of the American Culinary Federation Education Foundation (ACF) at the following ECPI University locations in Virginia: Norfolk and Newport News. This is a programmatic accreditation by ACF, a specialized accreditation agency for postsecondary educational programs in culinary arts and baking and pastry arts. For more information, visit https://www.acfchefs.org/.

ACF requires assessment outcomes data to be available for all accredited programs, which can be found by clicking here.

American Culinary Federation
180 Center Place Way
St. Augustine, Florida 32095
Telephone: (940) 824-4468

## Accreditation Review Commission on Education for the Physician Assistant (ARC-PA)

The ARC-PA has granted Accreditation-Provisional status to the ECPI University Physician Assistant Program sponsored by ECPI University.

Accreditation-Provisional is an accreditation status granted when the plans and resource allocation, if fully implemented as planned, of a proposed program that has not yet enrolled students appear to demonstrate the program's ability to meet the ARC-PA Standards or when a program holding Accreditation-Provisional status appears to demonstrate continued progress in complying with the Standards as it prepares for the graduation of the first class (cohort) of students.

Accreditation-Provisional does not ensure any subsequent accreditation status. It is limited to no more than five years from matriculation of the first class. The program's accreditation history can be viewed on the ARC-PA website at https://www.arc-pa.org/accreditation-history-ecpi-university/

## Commission on Collegiate Nursing Education (CCNE)

The baccalaureate degree program in nursing at ECPI University Orlando, Florida campus is accredited by the Commission on Collegiate Nursing Education (https://www.ccneaccreditation.org/).

The master's degree program in nursing at ECPI University Virginia Beach, Virginia campus is accredited by the Commission on Collegiate Nursing Education (https://www.ccneaccreditation.org/).

The baccalaureate degree program in nursing at ECPI University Virginia Beach, Virginia campus is accredited by the Commission on Collegiate Nursing Education (https://www.ccneaccreditation.org/).

The baccalaureate degree program in nursing at ECPI University Northern Virginia, campus is accredited by the Commission on Collegiate Nursing Education (https://www.ccneaccreditation.org/).

The baccalaureate degree program in nursing at ECPI University Richmond, Virginia campus is accredited by the Commission on Collegiate Nursing Education (https://www.ccneaccreditation.org/).

## Commission on Accreditation in Physical Therapy Education (CAPTE)

The Physical Therapist Assistant program at ECPI University (Newport News and Richmond/ Emerywood, Virginia campuses and Lake Mary, Florida campus) is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 3030 Potomac Ave., Suite 100, Alexandria, Virginia 22305-3085; telephone: (703) 706-3245; email: accreditation@apta.org; website: https://www.capteonline.org/. If needing to contact the program/institution directly, please call (757) 490-9090 or email PTADirector@ecpi.edu.

## Joint Review Committee on Education in Radiologic Technology (JRCERT)

### Northern Virginia Location

The program's current accreditation award is 8 years. General program accreditation information and the current accreditation award letter can be found here: https://www.jrcert.org/programs/ecpi-university-northern-virginia/

Joint Review Committee on Education in Radiologic Technology
20 N. Wacker Drive, Suite 2850
Chicago, IL 60606-3182
Telephone (312) 704-5300, fax (312) 704-5304
email: mail@jrcert.org

Graduates qualify to sit for the national exam of the American Registry of Radiologic Technologists (ARRT).

### Newport News Location

The program's current accreditation award is 8 years. General program accreditation information and the current accreditation award letter can be found here: https://www.jrcert.org/programs/ecpi-university/

Joint Review Committee on Education in Radiologic Technology
20 N. Wacker Drive, Suite 2850
Chicago, IL 60606-3182
Telephone (312) 704-5300, fax (312) 704-5304
email: mail@jrcert.org

Graduates qualify to sit for the national exam of the American Registry of Radiologic Technologists (ARRT).

## Accreditation Commission for Education in Nursing (ACEN)

View the public information disclosed by the ACEN regarding these programs at https://www.acenursing.org/search-programs.

The RN - BSN nursing degree completion program located in Newport News, Virginia is accredited by the:

Accreditation Commission for Education in Nursing (ACEN)
3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326
(404) 975-5000
https://www.acenursing.org

The most recent accreditation decision made by the ACEN Board of Commissioners for the RN - BSN nursing program is Continuing Accreditation.

The associate nursing program at ECPI University at the Newport News, Richmond, Roanoke, Manassas and Virginia Beach campuses located in Virginia, the Orlando Florida campus, and the Greenville South Carolina Campus are accredited by the:

Accreditation Commission for Education in Nursing (ACEN)
3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326
(404) 975-5000
https://www.acenursing.org

The most recent accreditation decision made by the ACEN Board of Commissioners for the associate nursing program is initial accreditation.

## Commission on Accreditation of Allied Health Education Programs (CAAHEP)

The Emergency Medical Services - Paramedic program is accredited by the Commission on Accreditation of Allied Health Education Programs (https://www.caahep.org/) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

Commission on Accreditation of Allied Health Education Programs
(727) 210-2350
https://www.caahep.org/

To contact CoAEMSP:
(217) 703-8445
https://www.coaemsp.org/

The ECPI University Emergency Medical Services (EMS) program is accredited by the Virginia Department of Health Office of Emergency Medical Services (https://www.vdh.virginia.gov/emergency-medical-services/) upon the recommendation of Division of Accreditation, Certification and Education.

Virginia Office of EMS
1041 Technology Park Drive
Glen Allen, VA 23059
(804) 888-9100
https://www.vdh.virginia.gov/emergency-medical-services/

## National Council for State Authorization Reciprocity Agreements

ECPI University is an institutional participant in the National Council for State Authorization Reciprocity Agreements (SARA). SARA is an agreement among member states, districts, and territories that establishes comparable national standards for interstate offering of post-secondary distance education courses and programs. It is intended to make it easier for students to take online courses offered by post-secondary institutions based in another state. A directory of SARA states and institutions can be found at the following link: https://www.nc-sara.org/directory.

Note on student complaint resolution process: ECPI University's Student Grievance Procedures can be found in the Catalog's Student Grievance Procedures section. These procedures are applicable to all students, including those taking distance education under the aegis of the State Authorization Reciprocity Agreement (SARA).

All students are first encouraged to seek and exhaust resolution of grievances/complaints with University officials or through the anonymous third-party system. If those processes do not resolve the issues, ECPI recognizes that in all matters related to SARA, any student may then communicate a grievance/complaint directly to the State Council of Higher Education for Virginia (SCHEV), as noted below.

Complete a Student Complaint Form from https://www.schev.edu/students/resources/student-complaints and submit the form to:

State Council of Higher Education for Virginia (SCHEV)
Private and Out-of-State Postsecondary Education (POPE)
101 N. 14th Street, 9th floor
James Monroe Building
Richmond, VA 23219
Telephone: (804) 371-2285 Fax: (804) 225-2604

# Academic Resource Partnership



ECPI University has the following approved academic resource partnerships:

| APPROVED ACADEMIC RESOURCE PARTNERSHIPS | |
|---|---|
| AWS Academy Member | Provides higher education institutions with cloud computing tools and information that prepares students to pursue in-demand cloud jobs. |
| CAE Center for Academic Excellence | A federally funded program that works with colleges and universities to train cybersecurity professionals. |
| CISCO Networking Academy | A global program that offers IT and cybersecurity education for individuals and learning institutions. |
| CompTIA Academic Partner | Provides valuable tools and resources to assist schools in recruiting, training, certifying and upgrading the skills of their students in IT. |
| EC-Council Academia | Provides educational content and technologies to institutions that focus on Cybersecurity education. |
| Oracle Academy | Prepares students for successful technology careers with knowledge, hands-on practice, and career-relevant skills. |

# University Administration

| | |
|---|---|
| Mark Dreyfus | President |
| Julian Aiken | Vice President, Technology Services |
| Neil Amari | Chief Financial Officer |
| Jeff Arthur | Chief Regulatory Officer |
| Samuel Dreyfus | Executive Vice President |
| Susan Flores | Vice President, Human Resources |
| Barbara Larar | Chief Operating Officer |
| David Shoop | Vice President, Academic Affairs |
| Robert Steffler | Chief Technology Officer |
| Aaron Wettstein | Vice President, eLearning and Online Education |
| Eric Whitehouse | Vice President, Campus Operations |

University Administration

## Campus Presidents

Each campus is administered by a full-time, on-site Campus President who is responsible for campus supervision and the application of policy.

| CAMPUS PRESIDENTS | |
|---|---|
| Atlanta, GA | Keever Jankovich |
| Charleston, SC | James Weaver |
| Charlotte, NC | Roger Rocha |
| Columbia, SC | Matt Stein |
| Culinary Virginia Beach, VA | Andy Gladstein |
| Greensboro, NC | Connie Jakubcin |
| Greenville, SC | Drew McCabe |
| Newport News, VA | John Olson |
| Newport News - Health Science, VA | Connie Sharp |
| Northern Virginia, VA | Sheri Delozier |
| Online | Aaron Wettstein |
| Orlando (Lake Mary), FL | Bruce Smith |
| Raleigh, NC | Mark Everett |
| Richmond/Emerywood, VA | Ashley Richards |
| Richmond/Glen Allen, VA | Ashley Richards |
| Roanoke, VA | Kevin Newby |
| San Antonio. TX | Shan Politt |
| Virginia Beach, VA | Andy Gladstein |
| Virginia Beach - Health Science, VA | Michael Heck |

University Administration

## Campus Administration (ABHES Accredited Campuses)

Select from the list of our ABHES-accredited campuses below.

- Charlotte
- Charleston
- Columbia
- Greensboro
- Greenville
- Newport News Health Sciences
- Northern Virginia
- Raleigh
- Richmond | Emerywood Health Sciences
- Roanoke
- Virginia Beach Health Sciences

University Administration

# Charlotte

### Campus President: Roger Rocha

### CDAA: Laura Glading

## Faculty

**Banks-Ledbetter, Philwyna,** (ECPI 2020) *Health Science*, PharmD  University of North Carolina @ Charlotte, MSE  University of North Carolina @ Chapel Hill, BA  University of North Carolina @ Chapel Hill, BS  University of North Carolina @ Chapel Hill, AS  Cabarrus College of Health Sciences

**Belton, Dequandra**, (ECPI 2025) *Health Science,* DHA Virginia University of Lynchburg, MHA Strayer University, BS Benedict College

**Bethea, Daren**, (ECPI 2025) *Arts & Sciences*, DC University of Bridgeport, BS Elon University

**Bland, April,** (ECPI 2017) *Health Science*, Post-Graduate Certificate  Purdue University, MSE  Walden University, BS  Bowie State University, Coursework  Germanna Community College

**Bowerman, John,** (ECPI 2010) *Engineering Technology*, MSE  Southern Methodist University, BS  Wright State University

**Brown, Dena,** (ECPI 2018) *Arts & Sciences*, MA  University of Charleston, BA  Augusta State University

**Butler, Karena,** (ECPI 2019) *Health Science*, PharmD  Rush University, BS  University of Pennsylvania

**Calfee, Xavier,** (ECPI 2023) *Technology: CIS*, MSE  Tulane University, BS  ECPI University, UG  New River Community College, AS  ECPI University

**Chick, Katie**, (ECPI 2023) *Health Science*, MSE University of North Carolina @ Wilmington, BS Southern New Hampshire University, AAS Gaston College

**Clapp, James,** (ECPI 2008) *Technology: CIS*, PhD  Walden University, MIS  University of Phoenix, MSE  Walden University, BS  Anthem College, AS  Anthem College

**Davis, Jamie**, (ECPI 2025) Health Science, BS University of North Carolina @ Charlotte, AAS Gaston Community College, Diploma Gaston Community College

**Dean, Mishelle**, (ECPI 1998) *Technology*: CIS, MSE North Carolina State University, BS University of North Carolina @ Charlotte

**Duncan, Leslie**, (ECPI 2025) *Health Science*, MSE University of South Carolina - Upstate, PGC Maryville University, BS University of South Carolina - Upstate, AS Spartanburg Community College

**Dupree, Shelby**, (ECPI 2025) *Health Science*, MSE University of North Carolina @ Charlotte, BS University of North Carolina @ Charlotte, AAS Central Piedmont Community College

**Echtermeyer, Andrea**, (ECPI 2025) *Health Science*, BS University of North Carolina @ Wilmington

**Edmundson, Shawna**, (ECPI 2024) *Health Science*, MSE Queens University of Charlotte, BS University of North Carolina @ Wilmington, AAS Forsyth Technical Community College

**Ezell, Sarah**, (ECPI 2025) *Health Science*, MSE University of North Carolina @ Wilmington, BS University of North Carolina @ Wilmington, AS Central Piedmont Community College

**Foley, Catherine**, (ECPI 2012) *Health Science*, MSE Mansfield University - PA, BS Keuka College, AS Corning Community College

**Forney, Neal**, (ECPI 2022) *Health Science*, BS Appalachian State University, AAS Carolinas College of Health Science

**Gilmore, Walter**, (ECPI 2013) *Engineering Technology*, PhD North Carolina A&T State University, MSE North Carolina A&T State University, BS North Carolina A&T State University

**Gittens, Charlesetta**, (ECPI 2022) , MHA Strayer University, MPA Strayer University, PGC Walden University, BS St. Catherine University, AS St. Catherine University, Diploma Anthem College

**Heintzman, Tammie**, (ECPI 2019) *Health Science*, MSE Purdue University, BS Purdue University, AAS Carolinas College of Health Science

**Hoffman, Regina**, (ECPI 2025) *Arts & Sciences*, PhD University of South Carolina, BS Wofford College

**Lowry, Tabitha**, (ECPI 2024) *Arts & Sciences*, ND Bastyr University, MSE Georgetown University, BS Howard University

**Mitchell, Nykema**, (ECPI 2025) *Health Science*, MPH University of Massachusetts-Amherst, BS Farmingdale State University, AS Kingsborough Community College, Associate in Occupational Studies ASA College

**Mocilan, Tabitha**, (ECPI 2013) *Health Science*, MSE Kaplan University, BS Herzing University, AS Herzing University

**O'Connor, Tanesha**, (ECPI 2025) *Health Science*, BS Grand Canyon University, AAS Eugenio Maria De Hostos University, Master of Nursing Long Island University CW Post Campus

**Overcash, Melissa,** (ECPI 2015) *Arts & Sciences*, MSE University of Tennessee @ Knoxville, BS Belmont Abbey College, UG Frederick Community College

**Parker, Amanda**, (ECPI 2016) *Health Science*, MSE Indiana Wesleyan University, PGC Grand Canyon University, BS University of North Carolina @ Charlotte, AAS Carolinas College of Health Science

**Pouler, Marie**, (ECPI 2017) *Arts & Sciences*, PhD University of Hertfordshire, MA University of North Carolina @ Charlotte, BA University of North Carolina @ Charlotte

**Reeves, Devon**, (ECPI 2023) *Health Science*, BA Gardner-Webb University, BS Winston-Salem State University, Diploma Cleveland Community College

**Robertson, Ryan**, (ECPI 2025) *Arts & Sciences*, MA Towson University, GD University of North Carolina @ Charlotte, BS Towson University

**Rush, Trenisha**, (ECPI 2024) *Health Science*, BS Queens University of Charlotte, Master of Healthcare Admin Queens University of Charlotte

**Salley, Samira**, (ECPI 2021) *Health Science*, MSE Walden University, BS South University

**Sumter, Melody**, (ECPI 2020) *Health Science*, MSE Queens University of Charlotte, BS Augusta University, Coursework Winthrop University

**Thomas, Christopher**, (ECPI 2021) *Technology:* CIS, MSE ECPI University, BS ECPI University, AAS Gaston Community College

**Warrensford, Sarah**, (ECPI 2024) *Health Science*, BFA Texas Christian University, BS Midwestern State University, Coursework Walden University

**Wright, Georgetta**, (ECPI 2025) *Health Science*, PharmD University of North Carolina @ Charlotte, Graduate Certificate University of North Carolina @ Charlotte, MSE University of North Carolina @ Charlotte, BS University of North Carolina @ Charlotte, Diploma Carolinas College of Health Science

**Zonin, Nicole**, (ECPI 2025) *Health Science*, MSE Western Carolina University, BS Western Carolina University

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University Administration

# Charleston

### Campus President: James Weaver

### CDAA: Ron Neil

## Faculty

**Abey, Getachew**, (ECPI 2010) *Engineering Technology*, MSE  Indian Institute of Technology Madras, MSE  ECPI University, BS  Jimma University

**Aragon, Cindy**, (ECPI 2016) *Health Science*, EdD National University, MSE Chamberlain College of Nursing, BS Chamberlain College of Nursing, AS Excelsior College, Diploma Trident Technical College

**Bell, Scott**, (ECPI 2014) *Technology*: CIS, Post-Graduate Certificate Old Dominion University, MSE Florida Institute of Technology, PGC Nova Southeastern University, BA Saint Leo University, AA Saint Leo University

**Brimage, Nylejah**, (ECPI 2024) *Health Science*, AAS ECPI University

**Burbage, Lyndsey**, (ECPI 2023) *Health Science*, AAS ECPI University

**Burwick, John**, (ECPI 2021) *Technology:* CIS, Graduate Certificate Webster University, MA Webster University, MSE Webster University, PGC Capella University, BS Coker College

**Campbell, Carmen**, (ECPI 2025) *Arts & Sciences*, PhD University of Hawaii at Manoa, MSE Tel Aviv University, BA University of Colorado, Boulder

**Capobianco-Glade, Krista**, (ECPI 2022) *Arts & Sciences*, MA Mercy College, BA College of Charleston

**Carpenter, Melvina**, (ECPI 2024) *Arts & Sciences*, MA Liberty University, PGC Liberty University, BS Claflin University, Diploma Trident Technical College

**Comeau, Brett**, (ECPI 2025) *Arts & Sciences*, DC Parker University, BS Excelsior College, AAS Dallas County Community College

**Davis, Vanessa**, (ECPI 2024) *Health Science*, MSE Walden University, BS University of Texas @ Austin, AAS Horry Georgetown Technical College, Diploma Horry Georgetown Technical College

**de Castro, Helio**, (ECPI 2018) *Technology*: CIS, PhD Capella University, MM Friends University, BA Emporia State University

**Gabel-Baird, Trevor**, (ECPI 2025) *Health Science*, PharmD Michigan State University, BS Grand Valley State University

**Harper, Brandalyn**, (ECPI 2015) *Developmental*, BA University of South Carolina - Aiken, BS University of South Carolina - Aiken, Master of Mass Communications University of South Carolina - Columbia

**Helms, Jonathan**, (ECPI 2022) *Health Science*, PharmD Medical University of South Carolina, MSE University of North Carolina @ Charlotte, BS Winston-Salem State University, AAS Carolinas College of Health Science

**Jackson, Ruth**, (ECPI 2021) *Health Science*, BS University of North Carolina @ Pembroke

**Johnson, Jimmie**, (ECPI 2024) *Health Science*, MSE Western Governors University, BS Eastern Kentucky University

**Johnson, Kristina**, (ECPI 2017) *Health Science,* MSE Sacred Heart University, BS Bridgewater State University, AS Trident Technical College

**Legare, Rhodora**, (ECPI 2025) *Health Science*, BS Purdue University, AAS Trident Technical College, Certificate in Applied Science Trident Technical College, Diploma in Applied Science Trident Technical College

**Lempesis, Staci**, (ECPI 2020) *Health Science*, MSE Walden University, BS Walden University, AS Gaston College

**Lyons, Jonathan**, (ECPI 2006) *Technology*: CIS, MA Webster University, BS Southern Illinois University-Carbondale

**Maynard, Tara**, (ECPI 2007) *Health Science*, PharmD University of North Dakota - Grand Forks, MSE Walden University, BS University of North Dakota - Grand Forks

**McHugh, Karen**, (ECPI 2022) *Health Science*, MSE Excelsior College, BS Clemson University

**McIntosh, Elizabeth**, (ECPI 2020) *Health Science*, BA Hamilton University, BS Chamberlain College of Nursing, Associate in Health Science Trident Technical College, Diploma Professional Career Dev Inst, Diploma Trident Technical College

**Murrell, Jann Malone**, (ECPI 2024) *Health Science*, MSE Chamberlain University, BS Saint Louis University-Philippines

**Nalla, Praveen**, (ECPI 2014) *Arts & Sciences*, MSE Osmania University, MSE Clemson University, MSE Texas A&M University-Commerce, BS Osmania University

**Ogletree Satani, Sonja**, (ECPI 2013) *Business*, DM University of Phoenix, MBA American InterContinental University, BA Wright State University

**Patterson, Whitney,** (ECPI 2022) *Health Science*, MSE Chamberlain University, BS University of South Carolina - Upstate, BS Chamberlain University, AAS Trident Technical College

**Payne, Roanna**, (ECPI 2023) *Health Science*, MSE American Sentinel University, BS Medical University of South Carolina, Diploma Shadyside School of Nursing

**Rawson, Heather**, (ECPI 2014) *Health Science*, PharmD Gardner-Webb University, MSE ECPI University, MSE South University, BA University of South Carolina - Columbia, BA University of South Carolina - Sumter, BS University of South Carolina - Upstate, AS University of South Carolina - Sumter, Associate in Health Science Central Carolina Technical College

**Richardson, William,** (ECPI 2015) *Business*, Graduate Certificate Keller Graduate School of Management, MBA Keller Graduate School of Management, Med The Citadel, BS Charleston Southern University

**Rodgers, Krista**, (ECPI 2011) *Health Science*, MSE Kaplan University, BS Newberry College, Diploma Naval College

**Rogers, Lisa**, (ECPI 2008) *Health Science*, MSE George Washington University, BS University of Alabama

**Root, Joanne,** (ECPI 2022) *Health Science*, MSE Lamar University, BS Medical University of South Carolina

**Rosselot, Larry**, (ECPI 2008) *Technology*: CIS, MA Webster University - Charleston Metropolitan, MSE Central Michigan University, BS Southern Illinois University-Carbondale, AS DeVry University

**Sanders, Brianna,** (ECPI 2025) *Arts & Sciences*, MSE Medical University of South Carolina, BS Winthrop University

**Simpson, Kara,** (ECPI 2025) *Health Science*, PharmD Gardner-Webb University, MSE Walden University, AS University of South Carolina - Columbia

**Smalls, Ed,** (ECPI 2019) *Technology: CIS*, Graduate Certificate Strayer University, MBA Claflin University, BS Claflin University

**Smith, Kimberly,** (ECPI 2024) *Health Science*, BS University of South Carolina - Columbia

**Thompson, Toure,** (ECPI 2021) *Arts & Sciences*, PhD University of Georgia, MSE Clemson University, BS Clemson University

**Veasey, Felicia,** (ECPI 2015) *Arts & Sciences*, MHA Tulane University, BA University of North Carolina @ Chapel Hill

**Waytula, Joe,** (ECPI 2018) *Technology: CIS*, MSE DePaul University, BA Loyola University Chicago, Coursework Illinois Institute of Technology

**Whetsell, Erin,** (ECPI 2021) *Health Science*, AAS ECPI University

**Zuber, Katherine,** (ECPI 2025) *Health Science*, MSE American Public University, BS Salisbury University, BS MGH Institute of Health Professions

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University Administration

# Columbia

## Campus President: Matt Stein

## CDAA: Mike Zakkary

# Faculty

**Barnette, Tiffany,** (ECPI 2024) *Health Science*, AAS ECPI University

**Basil Lim, Jasper,** (ECPI 2023) *Health Science*, MSE Drexel University, BS State University of New York, UG University of South Carolina, UG University of the Philippines, AAS Midlands Technical College

**Bonnett, Nyasia,** (ECPI 2023) *Health Science*, DSC Chamberlain University, MSE Chamberlain University, BS Francis Marion University

**Cannada, Nancy,** (ECPI 2024) *Health Science*, BS Gardner-Webb University, AS Greenville Technical College

**Cloud, Tina,** (ECPI 2015) *Arts & Sciences*, Med  University of Phoenix, Med  Liberty University, BS  Lander University, AS  Piedmont Technical College

**Crumlin, Lindsey,** (ECPI 2006) *Health Science*, DM  Johns Hopkins University Medical School, MSE  Johns Hopkins University Medical School, BS  Duke University

**Daniels, Ola,** (ECPI 2018) *Technology: CIS*, DSC  Capitol Technology University, MBA  Keller Graduate School of Management, MI  Keller Graduate School of Management, PGC  Stevens Institute of Technology, BS  DeVry University

**Davis, Natasha,** (ECPI 2019) *Health Science*, PharmD  Capella University, MBA  University of Phoenix, MSE  University of Phoenix, BS  University of South Carolina

**Dingle, Avery,** (ECPI 2025) *Health Science*, DM  Universidad Autónoma de Guadalajara, PGC  Walden University, BS  The Citadel

**Escontrias, Alexandro,** (ECPI 2025) *Health Science*, MSE  University of Texas @ Arlington, BS  University of Texas @ El Paso, AA  El Paso Community College

**Flanery, Chris,** (ECPI 2016) *Technology: CIS*, MSE  ECPI University, BS  ECPI University, AAS  ECPI University

**Frick, Michelle,** (ECPI 2020) *Health Science*, MSE  Walden University, BS  University of South Carolina - Upstate, AAS  York Technical College, AS  Midlands Technical College, Diploma  York Technical College

**George, Rosalind,** (ECPI 2017) *Health Science*, UG  University of Phoenix, AS  South University, Continuing Education Credits  Midlands Technical College

**Gillam, Bill,** (ECPI 2016) *Arts & Sciences*, MT  University of South Carolina - Columbia, BS  University of South Carolina - Aiken

**Goodwin, Clay,** (ECPI 2017) *Technology: CIS*, Graduate Certificate  Regis University, MSE  Regis University, BS  Regis University, AAS  Pikes Peak Community College

**Gunter, Keith,** (ECPI 2023) *Health Science*, BS  University of Colorado, Denver, AS  Community College of Aurora

**Hadzic Dodig, Indira,** (ECPI 2019) *Arts & Sciences*, <None>  University of Sarajevo

**Hampton, Timothy,** (ECPI 2019) *Arts & Sciences*, MSE  Georgia State University, MSE  University of South Carolina - Columbia, BS  Wofford College

**Harris, Felicia,** (ECPI 2025) *Health Science*, BS  University of Phoenix, AAS  Central Carolina Technical College, CERT  Central Carolina Technical College, Diploma  Central Carolina Technical College, Master of Nursing  Walden University

**Harrison, Alecia,** (ECPI 2019) *Health Science*, MSE  Argosy University, BS  Point University, AA  Point University, Diploma  Georgia Medical Institute

**Hugee, Cortney,** (ECPI 2025) *Health Science*, GD  Walden University, BS  South University

**Jackson, Stephania,** (ECPI 2022) *Arts & Sciences*, Graduate Certificate  University of South Carolina - Columbia, MSE  Arizona State University, BA  University of South Carolina - Columbia

**Key, William,** (ECPI 2018) *Arts & Sciences*, PsyD  California Southern University, MA  Northcentral University, BS  University of Phoenix

**Lang, Stephanie,** (ECPI 2025) *Health Science*, DC  University of Bridgeport, BS  University of Connecticut

**Lewis, Susan,** (ECPI 2023) *Health Science*, BS  West Virginia University, AAS  Mitchell Community College, Master of Nursing  Western Carolina University

**McClain, Samuel,** (ECPI 2016) *Technology: CIS*, MSE  Independence University, PGC  Nova Southeastern University, BS  University of South Carolina - Columbia

**McCoy, Jacqueline,** (ECPI 2022) *Health Science*, PharmD  Chamberlain College of Nursing, MSE  Chamberlain College of Nursing, BS  University of Phoenix

**Moses, David,** (ECPI 2017) *Technology: CIS*, MIT  American InterContinental University, BA  Claflin University, AAS  ITT Technical College

**Mulqueen, Courtney,** (ECPI 2021) *Health Science*, MSE  Western Governors University, BS  Clemson University

**Orner, Catherine,** (ECPI 2025) *Health Science*, BS  Clemson University

**Purkhiser, Jessica,** (ECPI 2025) *Health Science*, MSE  Capella University, MSE  South University, UG  Western Nevada Community College, AAS  Brown Mackie College

**Ritter Rivers, Vernia,** (ECPI 2024) *Health Science*, MSE  University of South Carolina - Upstate, PGC  University of South Carolina - Upstate, BS  University of South Carolina - Upstate, AA  University of South Carolina - Upstate, Associate in Health Science  Midlands Technical College, Diploma  Midlands Technical College

**Rogers, Charlie,** (ECPI 2019) *Engineering Technology*, MBA  Georgia College & State University, MSE  Georgia Institute of Technology, BS  Mercer University

**Sanders, Karla,** (ECPI 2025) *Health Science*, EdD  Walden University, MSE  Walden University, BS  Francis Marion University

**Stewart, Stephanie,** (ECPI 2022) *Health Science*, PharmD  Walden University, MSE  Walden University, BS  Colorado State University-Pueblo, BS  University of Colorado, Colorado Springs

**Thompson, JTonya,** (ECPI 2012) *Developmental*, Med  South Carolina State University, BA  Livingstone College, Diploma  King's College - Charlotte

**Walker, Kendra,** (ECPI 2023) *Health Science*, MSE  Chamberlain College of Nursing, BS  Chamberlain College of Nursing, Associate in Health Science  Midlands Technical College

**White, Ayarnia,** (ECPI 2023) *Health Science*, MPH  Augusta State University, MSE  Augusta State University, BS  Augusta State University

**Whitmer, Lynn,** (ECPI 2025) *Health Science*, MSE  Troy State University, MSE  University of Pennsylvania, BS  Viterbo College

**Wilson-Seymore, Zuri,** (ECPI 2024) *Arts & Sciences*, MA  Southern New Hampshire University

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University Administration

# Greensboro

## Campus President: Connie Jakubcin

## CDAA: Connie Jakubcin

## Admin

Sheetal Sadhu- Campus Director of Admissions

Reva Quick- Campus Director of Financial Assistance

Barbara Hawkins- Campus Director of Career Services

## Faculty

**Augustin, Tamara**, (ECPI 2021) Health Science, MA University of Arizona Global Campus, BA University of Arizona Global Campus, AAS Guilford Technical Community College

**Bolick, Ronnie**, (ECPI 2012) Engineering Technology, PhD North Carolina A&T State University, MSE North Carolina A&T State University, BS Appalachian State University, UG North Carolina A&T State University, AS Western Piedmont Community College

**Brennan, Ewa**, (ECPI 2023) Health Science, MBA Webster University, MSE Barnes Jewish College, BS Nursing College of Radzyn Podlaski, AA St. Louis Community College

**Capel, Kelly,** (ECPI 2025) *Arts & Sciences*, Graduate Certificate  University of Florida, MSE  Nova Southeastern University, BS  East Carolina University

**Dawson, Darlene,** (ECPI 2017) *Health Science*, MHA  Strayer University, PGC  Walden University, BA  Guilford College

**Gentry, Jennifer,** (ECPI 2024) *Technology: CIS*, PhD  Walden University, MSE  University of New Haven, BS  Rutgers University-New Brunswick

**Harrell, Al,** (ECPI 2013) *Arts & Sciences*, MSE  North Carolina A&T State University, BS  North Carolina A&T State University

**Ivey, Robin,** (ECPI 2018) *Health Science*, BS  North Carolina A&T State University

**James, Robert,** (ECPI 2008) *Technology: CIS*, MIS  North Carolina Central University, BS  North Carolina A&T State University

**Jaywhehgar, Gardea,** (ECPI 2017) *Engineering Technology*, MSE  University of North Carolina @ Greensboro, BS  Fayetteville State University

**Jones, Lashawn,** (MCI/ECPI 2024) *Health Science*, BS  Stevenson University, AS  Baltimore City Community College

**Kalyanaraman, Geetha,** (ECPI 2005) *Arts & Sciences*, MSE  University of Madras, BS  Annamalai University, BA  University of Madras

**Korn, Denise,** (ECPI 2023) *Health Science*, BS  North Carolina A&T State University, Master of Nursing  University of North Carolina @ Greensboro

**Michael, Dianna,** (ECPI 2013) *Health Science*, MSE  Jacksonville University, BS  Liberty University, AS  Rockingham Community College

**Nelson, Lori,** (ECPI 2017) *Health Science*, MSE  Ohio University School of Nursing, BS  Ohio University School of Nursing, AS  Ohio University School of Nursing

**Perkins, Eric,** (ECPI 2017) *Arts & Sciences*, DO  Lake Erie College of Osteopathic Medicine, BS  George Mason University

**Pittman, Trecinda,** (ECPI 2019) *Health Science*, MSE  University of Phoenix, BS  University of Phoenix

**Rhoney, Margaret,** (ECPI 2022) *Health Science*, MSE  Walden University, BS  Winston-Salem State University, AS  Darton College

**Rouse, Catrina,** (ECPI 2022) *Health Science*, MBA  University of Phoenix, MHA  University of Phoenix, BS  University of Phoenix, Coursework  Fayetteville Technical Community College, Diploma  King's College - Charlotte

**Selby, Macio,** (ECPI 2015) *Arts & Sciences*, MA  North Carolina A&T State University, BA  North Carolina A&T State University

**Teal, Jan,** (ECPI 2019) *Health Science*, MSE  Ball State University, BS  University of North Carolina @ Greensboro, Coursework  Guilford Technical Community College

**Williams, Donna,** (ECPI 2022) *Health Science*, PhD  Capella University, MBA  University of North Carolina @ Greensboro, BD  University of North Carolina @ Greensboro, BS  High Point University, BS  University of North Carolina @ Wilmington, AAS  Guilford Technical Community College, Associate of General Studies  Guilford Technical Community College

**Wiske, Jill,** (ECPI 2007) *Arts & Sciences*, PhD  University of Washington, MA  University of Washington, BA  University of Washington

**Young, Candice,** (ECPI 2023) *Arts & Sciences*, MSE  North Carolina A&T State University, PGC  North Carolina A&T State University, BS  Averett University, Doctor of Public Health  Walden University

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University Administration

# Greenville

## Campus President: Drew McCabe

## CDAA: Lovee Watts

## Faculty

**Adkins, Havilah,** (ECPI 2024) , PharmD  University of Kentucky, BA  Bluefield State College, BA  University of Tennessee - Health Science Cent, AS  Southern WV Comm/Tech College

**Anderson, Yolanda,** (ECPI 2024) *Health Science*, EdD  University of Southern Mississippi, MSE  University of Phoenix, BS  University of Phoenix, AS  McNeese State University

**Azevedo, Kevin**, (ECPI 2001) Technology: CIS, MSE Capella University, BS Thomas Edison State College, AAS ECPI College of Technology, AS Thomas Edison State College

**Banks, Rosie,** (ECPI 2019) *Arts & Sciences*, PhD  Walden University, MA  Webster University, BA  Furman University

**Benetti, Mariane,** (ECPI 2019) *Health Science*, MSE  University of Connecticut, BS  Sacred Heart University

**Browning, Brian,** (ECPI 2023) *Arts & Sciences*, MSE  University of New Haven, BS  University of Alabama

**Crouse-Carey, Christie,** (ECPI 2021) *Health Science*, MSE  Roberts Wesleyan College, BS  St. John Fisher College, UG  SUNY @ Brockport

**Davis, Ben,** (ECPI 2016) *Arts & Sciences*, PhD  University of Notre Dame, MSE  University of Notre Dame, BS  Christian Brothers University

**Dolan, Sean,** (ECPI 2017) *Arts & Sciences*, PhD  Walden University, MSE  Walden University, BS  Liberty University, Coursework  University of Central Florida

**Fleming, Tiara,** (ECPI 2024) , BS  ECPI University, AAS  ECPI University, AA  University of Phoenix, CERT  Sanford-Brown Institute, CERT  Lincoln Technical Institute

**Freeman, Michael,** (ECPI 2012) *Technology: CIS*, MPA  Troy University, MSE  Regis University, BS  Chapman University

**French, Robin,** (ECPI 2013) *Health Science*, BS  Medical College of Georgia

**Gfeller, Rachael,** (ECPI 2023) *Health Science*, MSE  Chamberlain University, BS  Bob Jones University, AS  Greenville Technical College

**Greer, Kathleen,** (ECPI 2025) *Health Science*, BS  University of South Carolina - Upstate, AAS  Greenville Technical College

**Hardin, James,** (ECPI 2024) , MSE  University of Phoenix, BA  University of South Carolina, AAS  Randolph Community College

**Harris, Elisha,** (ECPI 2025) *Health Science*, BS  Western Governors University, UG  Chamberlain University, AAS  Brown Mackie College

**Howell, Kaylin,** (ECPI 2023) *Health Science*, BS  Anderson University-South Carolina

**Hunt, Felicia,** (ECPI 2025) *Health Science*, BS  University of Texas @ Austin, UG  Northeastern University

**Kouten, Emily,** (ECPI 2024) *Health Science*, MSE  University of Alabama@Birmingham, BS  University of South Carolina - Columbia

**Lawless, Lael,** (ECPI 2024) , BA  Thomas Edison State College, BS  American Public University, AAS  Lone Star College, CERT  Lone Star College

**Martinez Brandariz, Natasha,** (ECPI 2022) *Health Science*, MSE  University of Texas @ Arlington, BS  University of Central Florida

**Mason, Jennifer,** (ECPI 2025) *Health Science*, MSE  Mercy College, Diploma  Bon Secours Memorial School of Nursing

**Maxwell Aylett, Kendra,** (ECPI 2024) , BA  Lees McRae College, AS  Queens University of Charlotte

**Moir, Jason,** (ECPI 2022) *Arts & Sciences*, EdD  University of New England @ Portland, MSE  University of Nebraska-Kearney, BA  University of North Carolina @ Charlotte

**Moses, Shernequa,** (ECPI 2025) *Health Science*, BS  South University, BS  University of South Carolina - Upstate

**Potter, Kathleen,** (ECPI 2025) *Health Science*, MA  University of Washington, BS  Seattle University

**Purvis, Amanda,** (ECPI 2022) *Health Science*, MSE  Western Governors University, BS  Western Governors University, AAS  Greenville Technical College

**Quarles, Lakesha,** (ECPI 2024) *Health Science*, MHA  Capella University, BS  Capella University, Coursework  Southern New Hampshire University, Diploma in Applied Science  Orangeburg-Calhoun Technical College

**Reynolds, Sandy,** (ECPI 2012) *Arts & Sciences*, MSE  Syracuse University, BS  Liberty University

**Robinson, Cary,** (ECPI 2018) *Technology: CIS*, MSE  Clemson University, BS  Clemson University

**Saul, Alan,** (ECPI 2013) *Technology: CIS*, MA  Webster University, GD  Regis University, BS  Southern Illinois University-Carbondale, AS  Big Bend Community College

**Tamrack, Jessica,** (ECPI 2024) *Health Science*, BS  University of South Carolina - Upstate, AAS  Greenville Technical College

**Thivierge, Jeffrey,** (ECPI 2024) *Health Science*, MA  Brandman University, BS  Post University, BS  University of Southern Maine

**Toklo, Antoinette,** (ECPI 2023) *Health Science*, BS  Indiana Wesleyan University, Coursework  University of Kentucky, Bachelor of Education  University of Cape Coast

**Vogt, Emmitt,** (ECPI 2024) *Arts & Sciences*, DC  Sherman College of Chiropractic, BS  Morris College

**Watts, Lovee,** (ECPI 2019) *Business*, JD  University of South Carolina - Columbia, Bachelor of Science in Business Admin  Newberry College

**Williams, Elisabeth,** (ECPI 2022) *Health Science*, MSE  Capella University, BS  Rivier Univsersity, AS  Manchester Community College

**Williams, Stephanie,** (ECPI 2016) *Technology: CIS*, MBA  Duquesne University, MSE  Duquesne University, BS  Carlow University

**Wilson, Catherine,** (ECPI 2025) *Health Science*, BS  University of South Carolina - Upstate

**Yeargin, Callie,** (ECPI 2023) *Health Science*, BS  University of South Carolina - Upstate

**Zbin, Andrew,** (ECPI 2019) *Technology: CIS*, MSE  Capella University, BS  ECPI University

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University Administration

# Newport News Health Sciences

## Campus President: Connie Sharp

## CDAA: Kimberly Richardson

## Faculty

**Abbott, Christina,** (ECPI 2025) *Health Science*, GD  Regent University, BS  Regent University, UG  Tidewater Community College, UG  Western Governors University, AAS  ECPI University

**Bani Hani, Maisoun,** (ECPI 2025) *Arts & Sciences*, PhD  Old Dominion University, MSE  Jordan University of Science & Technology, BS  Jordan University of Science & Technology

**Bennett, Lisa,** (ECPI 2016) *Health Science*, MSE  Marshall University, BA  University of Charleston

**Bohanan, Paul,** (ECPI 2024) *Health Science*, MSE  University of Evansville, BS  University of Alabama

**Bondje, Josephine,** (ECPI 2025) *Health Science*, PharmD  Walden University, MSE  Walden University, BS  Old Dominion University, AS  Northern Virginia Community College, CERT  Northern Virginia Community College

**Brand, Deborah,** (ECPI 2017) *Health Science*, PharmD  Chamberlain College of Nursing, MSE  Chamberlain College of Nursing, BS  Norfolk State University, AS  Tidewater Community College

**Brown, Rosalind,** (ECPI 2015) *Arts & Sciences*, DM  University of Virginia, BA  University of Virginia

**Bryant, Amanda,** (ECPI 2019) *Health Science*, GD  West Texas A&M University, BS  Hampton University, AAS  Tidewater Community College, Coursework  Central Piedmont Community College, Coursework  Excelsior College, Master Public Safety Leadership and Admin  Arizona State University

**Calabrese, Danielle,** (ECPI 2025) *Health Science*, MSE  ECPI University, BS  ECPI University, AS  ECPI University

**Casteel, John,** (ECPI 2025) *Health Science*, MSE  Sacred Heart University, BS  Hampton University, <None>  Norfolk State University

**Charles, Shannon,** (ECPI 2025) *Health Science*, MSE  Walden University, BS  Trident University International, BS  South University, AAS  Tidewater Community College

**Compton, NaTasha,** (ECPI 2024) *Health Science*, BAS  South Louisiana Community College, BS  CUNY @ College of Staten Island, UG  Eastern Iowa Community Colleges, AAS  University of New Orleans, CERT  South Louisiana Community College

**Conway, Gjxiennah,** (ECPI 2024) *Health Science*, MBA  Saint Leo University, BS  ECPI University,  University of Barcelona,  University of the Philippines

**Dorsey, LaTonya,** (ECPI 2025) *Health Science*, PharmD  Loyola University New Orleans, BS  Southern University A&M College, UG  Florida A&M University, Master of Nursing  Louisiana State University

**Easterly, Lorriza,** (ECPI 2024) *Health Science*, BS  Las Pinas College

**Edwards-Banks, Jeannett,** (ECPI 2021) *Health Science*, Graduate Certificate  Regent University, Med  Regent University, BS  University of Phoenix, AA  University of Phoenix, Coursework  Regent University, Diploma  Kee Business College

**Firman, Tory,** (ECPI 2023) *Health Science*, AAS  ECPI University

**Fischer, Mckensie,** (ECPI 2024) *Health Science*, BS  Shenandoah University, AS  WMC School of Medical Sonography

**Gillispie, Precious,** (ECPI 2021) *Health Science*, GD  Walden University, BS  Walden University, AAS  ECPI University

**Godwin, Sha'Quasia,** (ECPI 2024) *Health Science*, MSE  Norfolk State University, BS  Norfolk State University, Associate of Occupational Science  Centura College

**Goode, Wanda,** (ECPI 2024) *Health Science*, GD  Drexel University, BS  Drexel University, Diploma  Abington Memorial Hospital School of Nursing

**Goodwin, Melissa,** (ECPI 2016) *Health Science*, PharmD  Liberty University, Post-Master's Certificate  University of West Georgia, MSE  Liberty University, BS  Bon Secours Memorial School of Nursing, Diploma  Riverside School of Heath Careers

**Guimond, Ashley,** (ECPI 2024) , BS  University of Massachusetts - Dartmouth

**Hamilton, Jaleesa,** (ECPI 2023) *Health Science*, AAS  ECPI University

**Hester-Pugh, Tanza,** (ECPI 2025) *Health Science*, PharmD  Walden University, MSE  Walden University, BS  Hampton University, UG  Tidewater Community College, CERT  Sentara College of Health Sciences

**Holland, Evelyn,** (ECPI 2024) *Health Science*, MSE  Capella University, BS  Capella University

**Holland, James,** (ECPI 2023) *Health Science*, PhD  Georgia State University, MSE  Valdosta State University, BS  Thomas University, AAS  Thomas University, AS  Darton College

**Jones, Janet,** (ECPI 2017) *Health Science*, MSE  Dominican University, BS  Oklahoma Panhandle State University, AS  Seward County Community College

**Kennison, Ginger,** (ECPI 2021) *Health Science*, MSE  Virginia Commonwealth University, BS  College of William & Mary

**Lamb, Desiree,** (ECPI 2025) *Health Science*, Post-Graduate Certificate  University of Pennsylvania, MSE  Hampton University, BS  Hampton University

**Lawrence, Erin,** (ECPI 2018) *Arts & Sciences*, MSE  Hampton University, BS  Hampton University

**Loomis, Kari,** (ECPI 2024) *Arts & Sciences*, PhD  North Carolina State University, BS  Clemson University

**Marshall, Patricia,** (ECPI 2018) *Health Science*, BS  University of Phoenix, Coursework  Thomas Nelson Community College, Coursework  Salve Regina University, Diploma  Ohio Valley General Hosp. School of  Nursing

**McGruder, Jonathan,** (ECPI 2025) *Health Science*, MSE  Pima Medical Institute, BS  Pima Medical Institute, AAS  ECPI University

**McKinley, Kirk,** (ECPI 2016) *Health Science*, AS  ECPI University

**Moore, Tirza,** (ECPI 2025) *Health Science*, MSE  Grand Canyon University, BS  University of Maryland Global Campus, AAS  Virginia Peninsula Community College, CERT  New Horizon Technical Center

**Morales, Justina,** (ECPI 2015) *Health Science*, MSE  Saint Francis University, PGC  Liberty University, PGC  Grand Canyon University, BS  Ashford University, AS  Marshall University

**Nappi, Meghan,** (ECPI 2024) *Health Science*, GD  Western Governors University, BS  Plymouth State University, BS  Villanova University

**Orie, Pam,** (ECPI 2015) *Health Science*, MSE  Hampton University, BS  Hampton University

**Pankoke, Sheila,** (ECPI 2019) *Health Science*, MSE  American Sentinel University, BS  Chamberlain College of Nursing, Diploma  Riverside School of Heath Careers

**Parrish, Sharon,** (ECPI 2025) *Health Science*, UG  Virginia Peninsula Community College, UG  Post University, AS  ECPI University

**Patino Gonzalez, Adelle,** (ECPI 2022) *Health Science*, UG  Community  College of the Air Force, AAS  ECPI University

**Percell, Carrie,** (ECPI 2017) *Health Science*, PharmD  Walden University, MSE  Walden University, AS  Thomas Nelson Community College, Final Record  New Horizons Penninsula School of PN Nursing

**Raj, Stephanie,** (ECPI 2018) *Health Science*, MSE  ECPI University, BS  Liberty University

**Richards-Myles, Cindy,** (ECPI 2014) *Health Science*, MSE  King's College, PGC  Walden University, BA  Chaminade University of Honolulu, AS  Chaminade University of Honolulu

**Ross, Ashley,** (ECPI 2022) *Arts & Sciences*, MSE  Old Dominion University, BS  Old Dominion University

**Samuel-Harris, Sibena,** (ECPI 2025) *Health Science*, PhD  Hampton University, MSE  University of Phoenix, BS  Norfolk State University, AS  Norfolk State University

**Saunders-Phillips, Pamela,** (ECPI 2022) *Health Science*, GD  University of Texas @ Arlington, BS  University of Texas @ Arlington, AAS  Thomas Nelson Community College

**Shifflett, Bonita,** (ECPI 2023) *Health Science*, UG  Germanna Community College, UG  Piedmont Virginia Community College, AAS  Tidewater Community College

**Smith, Sharon,** (ECPI 2024) *Health Science*, MSE  University of North Florida, BS  University of North Florida, AA  Pensacola State College

**Stokes, Corey,** (ECPI 2023) *Technology: CIS*, MSE  Strayer University, BS  Strayer University

**Swinton, Myaja,** (ECPI 2025) *Health Science*, BS  Chamberlain University, AAS  ECPI University

**Thomas, Lucious,** (ECPI 2015) *Arts & Sciences*, MSE  Hampton University, BS  North Carolina Central University

**Townsend, Julie,** (ECPI 2020) *Health Science*, PharmD  Nova Southeastern University, MSE  Florida State University, BS  University of Florida

**Van Meter, Hollie,** (ECPI 2024) *Health Science*, BS  Chamberlain University, AAS  Jefferson Community & Technical College

**Wilson, Tonya,** (ECPI 2023) *Health Science*, BS  Emmanuel College, AAS  ECPI University, Master of Ministry  Southwestern Christian University

**Yuille, Chanel,** (ECPI 2024) *Health Science*, UG  Grand Canyon University, AAS  ECPI University

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# Manassas

## Campus President: Sherri Delozier

## CDAA: Daniel Ribaudo

## Faculty

**Abraham, Aymen**, (ECPI 2017) Health Science, DMD Ajman University of Science and Technology

**Alemayehu, Tadesse,** (ECPI 2023) *Health Science*, DM  Addis Ababa University, MBA  Strayer University

**Arnold, Lisa,** (ECPI 2025) *Health Science*, BS  Washington College, CERT  Johns Hopkins School of Imaging

**Audi, Peter,** (ECPI 2025) *Technology: CIS*, DSC  Capitol Technology University, MSE  University of Maryland Global Campus, BS  Towson University

**Bell, Shirley,** (ECPI 2019) *Health Science*, AS  Excelsior College, Coursework  Valley Forge Christian College

**Bista, Ram,** (ECPI 2021) *Technology: CIS*, MSE  University of Maryland Global Campus, BS  George Mason University, BA  Tribhuvan University, Nepal

**Breeding, David,** (ECPI 2016) *Technology: CIS*, MIS  Strayer University, BS  Strayer University

**Browne, Tyra,** (ECPI 2024) *Health Science*, GD  Wheeling University, BA  Chatham University, BS  California University of Pennsylvania, AS  Comm Col of Allegheny County

**Button, Liz,** (ECPI 2015) *Arts & Sciences*, PhD  Walden University, MA  Marymount University, BS  University of Mary Washington, Master of Philosophy  Walden University

**Charris, Christian,** (ECPI 2018) *Technology: CIS*, DBA  Walden University, MBA  American Intercontinental University, MIT  American Intercontinental University, BA  American Intercontinental University, AA  American Intercontinental University

**Cooper, James,** (ECPI 2023) *Technology: CIS*, DSC  Robert Morris University, MSE  Capitol Technology University, BS  Strayer University, AAS  Northern Virginia Community College

**Craig, Mason,** (ECPI 2010) *Business*, MBA  Wilmington University, BS  Wilmington University

**Dea, Asrat,** (ECPI 2022) *Technology: CIS*, MSE  George Mason University, BS  Strayer University

**DeHaven, Hunter,** (ECPI 2025) *Health Science*, BS  Longwood University, CERT  Bon Secours St. Mary's School Medical Imaging, Coursework  Brightpoint Community College, Coursework  J. Sargeant Reynolds Community College

**Douglas, Debra,** (ECPI 2021) *Health Science*, MSE  Anna Maria College, BS  Rhode Island College, Diploma  St. Joseph Hospital

**Edgar, Lauren,** (ECPI 2020) *Health Science*, MSE  Grand Canyon University, PGC  Aspen University, BS  Roseman University, UG  University of Nevada, Las Vegas

**Ferreira, Paige,** (ECPI 2024) *Health Science*, MSE  Galen College of Nursing, BS  Catholic University Of America

**Ferrell, Makayla,** (ECPI 2025) *Technology: CIS*, MSE  Georgia Tech, BS  University of Mary Washington

**Fonju, Pamela,** (ECPI 2022) *Health Science*, PharmD  William Paterson University, MSE  U of Medicine & Dentistry of NJ, BS  Herbert Lehman College, AAS  Bronx Community College, AS  Bronx Community College

**Foreman, Elizabeth,** (MCI/ECPI 2025) *Health Science*, GD  Liberty University, BS  Liberty University, AAS  Germanna Community College

**Fortner, Mike,** (ECPI 2015) *Arts & Sciences*, MSE  Miami University, BS  West Virginia University Institute of Technol

**Fuller, Charles,** (ECPI ) *Technology: CIS*, PhD  Capella University, MSE  University of Phoenix, BS  Rutgers University-Newark

**Garais, Nelson,** (ECPI 2022) , DM  University of Santo Tomas, BA  Fordham University

**Getahun, Beletu,** (ECPI 2022) *Health Science*, MSE  Western Governors University, BS  Western Governors University, AAS  Global Health Institute

**Gibson, Heather,** (ECPI 2019) *Health Science*, AAS  ECPI University

**Godkin, Dawn,** (ECPI 2024) *Health Science*, BS  Mount Aloysius College

**Golden, Lisa,** (ECPI 2020) *Health Science*, MSE  Colorado Technical University, BS  Western Governors University, AAS  Northern Virginia Community College-Manassas

**Greene, Athena,** (ECPI 2025) *Health Science*, MSE  Herzing University, BS  Capella University, AAS  Excelsior College, Diploma  ECPI University, Diploma  Fortis Institute (Medix)

**Hanscom, Stacie,** (ECPI 2025) *Arts & Sciences*, MSE  Liberty University, GD  Unity Environmental University, BS  University of Maine

**Henry, Terry,** (ECPI 2015) *Health Science*, MBA  Strayer University, BBA  Strayer University, AS  Fayetteville Technical Community College

**Horster, Alex,** (ECPI 2018) *Technology: CIS*, DM  University of Phoenix, MSE  University of Phoenix, BA  State University of New York

**Imel, Stacey,** (ECPI 2025) *Health Science*, BS  Niagara University, AS  Texas State Technical College, AS  South Texas College

**Iwuanyanwu, Obioma,** (ECPI 2025) *Technology: CIS*, EdD  Nova Southeastern University, MSE  Strayer University

**Johnson, Darron,** (ECPI 2020) *Technology: CIS*, MSE  University of Charleston, BS  Trident University

**Kelly, Lea,** (ECPI 2022) *Health Science*, BS  Herzing University

**Lartey, Leslie,** (ECPI 2024) *Health Science*, MSE  Bluefield College, BA  James Madison University, BS  Bluefield College, AS  Mountain Empire Community College

**Maharaj, Amanda,** (ECPI 2024) *Arts & Sciences*, MSE  Eastern Virginia Medical School, BS  Old Dominion University

**Maxey-Brock, Katie,** (ECPI 2025) *Health Science*, MSE  Ball State University, BS  Indiana Wesleyan University

**McKeever, Todd,** (ECPI 2025) *Technology: CIS*, MSE  Georgia Institute of Technology, MSE  Eastern University, BS  Temple University

**Meyer, Kaitlin,** (ECPI 2022) *Health Science*, MSE  Bethel University, BS  Georgetown University

**Miles, Bobbi,** (ECPI 2023) *Health Science*, MSE  Walden University, BS  Stratford University

**Mullen, Nikeyta,** (ECPI 2014) *Technology: CIS*, MSE  ECPI University, BS  ECPI University, AAS  Tidewater Community College, AS  ECPI University

**Olivier-Duhe, Kathryn,** (MCI/ECPI 2024) *Health Science*, GD  Chamberlain College of Nursing, BS  Hawaii Pacific University

**Pfost, Donna,** (ECPI 2025) *Health Science*, MSE  George Mason University

**Rizkalla, Nevine,** (ECPI 2012) *Health Science*, DM  Ain Shams University, MPH  Kaplan University, Diploma  General Union of Physicians

**Rothgeb, Stephanie,** (ECPI 2024) *Health Science*, MSE  Walden University, BS  Eastern Mennonite University, AAS  Laurel Ridge Community College

**Serman, Stephanie,** (ECPI 2023) *Health Science*, AA  Harrisburg Area Community College, Associate in Specialized Technology  McCann School of Business & Technology

**Sharma, Aadesh,** (ECPI 2025) *Technology: CIS*, MBA  All India Management Association, MSE  George Washington University, BS  Babasaheb Ambedkar Marathwada University

**Shewaferaw, Senay,** (ECPI 2018) *Health Science*, DM  Jimma University

**Smith, Vicente,** (ECPI 2023) *Technology: CIS*, PhD  Colorado Technical University, MIT  American Intercontinental University, BS  University of Maryland Global Campus, AA  University of Maryland Global Campus

**Sparrow, Traci,** (ECPI 2025) *Health Science*, PharmD  George Mason University, MPH  Georgia Southern University, BS  Georgia Southern University, BS  Jacksonville University, AS  Delgado Community College

**Tatum, Jarrad,** (ECPI 2021) *Technology: CIS*, MSE  University of Maryland University College, AAS  Skyline College, Bachelor of Information Technology  Clayton State University

**Tennant, Karie,** (ECPI 2018) *Health Science*, BS  Colorado Technical University, UG  Oakland University, AS  Macomb Community College, Master of Science in Management  ECPI University

**Tivare, Neeta,** (ECPI 2010) *Engineering Technology*, MSE  Shri Govindram Seksaria Inst of Technology, BS  Shri Govindram Seksaria Inst of Technology, UG  J. Sargeant Reynolds Community College

**Torres, Francisco,** (ECPI 2023) *Health Science*, UG  Front Range Community College, UG  Hinds Community College, AAS  Excelsior College, Diploma  Concorde Career College

**Venus, Jeneane,** (ECPI 2025) *Health Science*, MSE  Liberty University, PGC  Chamberlain College of Nursing, BBA  Strayer University, AAS  Marymount University, CERT  Kaplan University

**Williams, Deborah,** (ECPI 2017) *Health Science*, PhD  George Mason University, MSE  George Mason University, BS  Southern Illinois University-Edwardsville

**Williams, Jessica,** (ECPI 2022) , MSE  ECPI University, BS  ECPI University, BS  University of Ghana

**Woodward, Caroline,** (ECPI 2021) *Health Science*, MSE  California State University, Dominguez Hills, BS  Radford University

**Wright, Jennifer,** (ECPI 2025) *Technology: CIS*, MSE  Georgia Southwestern State University, BS  Polytechnic University of The Philippines

**Zakaria, MD,** (ECPI 2023) *Technology: CIS*, MSE  London South Bank University

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# Manassas

## BSN Program Faculty

**Full-Time Faculty**

**Pamela Fonju** RN, DNP, MSN, APN

**Katie Maxey-Brock** RN, MS-Ed

**Kaitlin Meyer** RN, MSN, CNM

**Bobbi Miles** RN, MSN, PMH-BC

**Stephanie Rothgeb** RN, MSN

**Pamela Smith** RN, DNP, MSN, BSN

**Jeneane Venus** RN, MSN-Ed

**Part-Time Faculty**

**Donna Pfost** RN, MSN, CPEN

## ADN Program Faculty

**Full-Time Faculty**

**Judy Ballard** RN, MSN, MBA

**Elizabeth Foreman** RN, BSN

**Kathryn Olivier-Duhe** RN, MSN

**Deborah Williams** RN, PhD, MSN

**Part-Time Faculty**

**Hamish Ambut** RN, BSN

**Mark Barcenilla** RN, MSN

**Cordellia Bright** RN, PhD

**Shadarra Earls** RN, BSN

**Paige Ferreira** RN, MSN

**Char Fuller** RN, BSN

**Beletu Getahun** RN, MSN

**Chuck Jankowski** RN, MSN

**Cheryl LeVee** RN, MSN

**Kristen Lyons** RN, MSN

**Christine McCabe** RN, MSN

**Pamela Smith** RN, DNP

**Traci Sparrow** RN, DNP

**Juan Torres** RN, MSN

**Hazel Villaruel** RN, MS

University Administration

# Raleigh

## Campus President: Mark Everett

## CDAA: TBD

## Faculty

**Abayomi, Oluremi,** (ECPI 2025) *Arts & Sciences*, Graduate Certificate  Central Michigan University, MA  Central Michigan University, Doctor of Applied Mathematics  Central Michigan University

**Acevedo, Luis,** (ECPI 2024) *Health Science*, GD  University of North Carolina @ Wilmington, BAS  Raritan Valley Community College, BA  Rutgers University-New Brunswick, BS  Thomas Edison State College

**Allison, Mary,** (ECPI 2025) *Health Science*, MSE  University of North Carolina @ Wilmington, BA  University of North Carolina @ Chapel Hill, BS  University of North Carolina @ Wilmington, AAS  Carolinas College of Health Science

**Armstrong, Amanda,** (ECPI 2023) *Health Science*, MSE  Western Carolina University, BS  Western Carolina University

**Astras, John,** (ECPI 2017) *Business*, MBA  Adelphi University, BS  Dowling College, CERT  Duke University, Master of Liberal Arts  Harvard University

**Atkinson, Cedric,** (ECPI 2022) *Arts & Sciences*, PhD  Grand Canyon University, MBA  Webster University, BS  Embry-Riddle Aeronautical University, AAS  Community College of the Air Force

**Banister, Justin,** (ECPI 2021) , MSE  ECPI University, BS  ECPI University, AS  ECPI University

**Beach, Margaret,** (ECPI 2022) *Arts & Sciences*, MA  Wake Forest University, BA  Wingate University

**Biswas, Nivedita,** (ECPI 2014) *Arts & Sciences*, PhD  Stevens Institute of Technology, MSE  Sri Govindram Seksaria, BS  Holkar Science College

**Bocanegra, Joanne,** (ECPI 2019) *Health Science*, MSE  University of North Carolina @ Wilmington, GD  Western Carolina University, BS  Lenoir Rhyne College, Master of Management in Clinical Informatics  Duke University

**Britt, Brandon,** (ECPI 2016) *Criminal Justice*, DBA  Liberty University, MBA  Pfeiffer University, BA  North Carolina State University, BS  North Carolina State University

**Buckner, Guy,** (ECPI 2017) *Criminal Justice*, MA  American Military University, BS  ECPI University, TC  United States Naval Academy

**Burgins, Daniel,** (ECPI 2018) *Technology: CIS*, MSE  Troy University, BS  Alabama State University

**Carter, Damita,** (ECPI 2024) *Health Science*, PharmD  Capella University, MSE  Capella University, BS  Capella University, AS  Henry Ford Community College

**Cleary, Tara,** (ECPI 2025) *Health Science*, PharmD  New York University, MA  New York University, BS  New York University

**Dillahunt, Marian,** (ECPI 2024) *Arts & Sciences*, MA  North Carolina Central University, MLS  East Carolina University, BA  North Carolina A&T State University

**Gavin, Sherrita,** (ECPI 2025) *Health Science*, MSE  Elizabeth City State University, BS  Livingstone College

**Gilbert, Sandy,** (ECPI 2019) *Arts & Sciences*, Med  University of Phoenix, MSE  Walden University, BA  University of Arizona

**Graustark, Marc,** (ECPI 2005) *Technology: CIS*, MSE  University of Phoenix, AB  San Diego State University

**Greene, Reginal,** (ECPI 2019) *Technology: CIS*, MBA  Keller Graduate School of Management, BS  ECPI University, BS  Norfolk State University, Master of Info Systems Mgmt  Keller Graduate School of Management

**Gyorfy, Karl,** (ECPI 2017) *Technology: CIS*, MBA  University of Wisconsin - Oshosh, MSE  East Carolina University, BBA  University of Wisconsin - Milwaukee, CERT  South Piedmont Community College

**Harding, William,** (ECPI 1995) *Technology: CIS*, Mdiv  Southwestern Baptist Theological Seminary, MSE  East Carolina University, BS  Old Dominion University

**Healy, Holly,** (ECPI 2022) *Health Science*, PharmD  Georgetown University, MSE  Georgetown University, BS  James Madison University

**Herrington, Cheryl,** (ECPI 2013) *Arts & Sciences*, MA  Western Governors University, MSE  Johns Hopkins University, BS  Virginia Polytechnic Institute and State Univ

**Hooper, Nicole,** (ECPI 2023) *Health Science*, BS  University of Phoenix, UG  Onondaga Community College, AAS  Saint Joseph's College

**Horne, Tanya,** (ECPI 2025) *Health Science*, BS  Western Governors University, AAS  ECPI University, Master of Healthcare Admin  Western Governors University

**Jones, Rob,** (ECPI 2018) *Technology: CIS*, MSE  Strayer University, BA  Campbell University, UG  Liberty University

**Jones, Sarah,** (ECPI 2024) *Health Science*, MSE  Pennsylvania Western University, BA  Shepherd University, BS  Pennsylvania Western University, AS  Hagerstown Community College, AS  Pennsylvania Western University

**Jones, Stacey,** (ECPI 2020) *Health Science*, MSE  Walden University, BS  East Carolina University

**Joshi, Sweety,** (ECPI 2022) *Engineering Technology*, MSE  Charotar University of Science and Techology, BS  Hemchandracharya North Gujarat Uni

**Kissiah, Rick,** (ECPI 2016) *Technology: CIS*, MSE East Carolina University, MSE North Carolina State University, BA North Carolina State University, BS North Carolina Wesleyan College, AAS Wake Technical Community College

**Langley, Tiffany,** (ECPI 2021) *Health Science*, MSE Grand Canyon University, BS Fayetteville State University, Diploma ECPI University

**Le, Larry,** (ECPI 2017) *Technology: CIS*, MSE North Carolina State University, BS Rensselaer Polytechnic Institute

**Lima, Hillary,** (ECPI 2025) *Arts & Sciences*, DC Palmer College of Chiropractic, BS North Carolina State University

**Mars, Laura,** (ECPI 2023) *Arts & Sciences*, PsyD Walden University, MSE Walden University, BS Methodist University

**Martin, Jim,** (ECPI 2018) *Technology: CIS*, MSE University of Maryland University College, MSE Central Michigan University, BS Upper Iowa University

**Martin, Kaitlin,** (ECPI 2024) *Health Science*, BA University of Oklahoma, AAS Oklahoma State University, Masters Sacred Heart University

**Matthews, Alecia,** (ECPI 2015) *Arts & Sciences*, EdD University of North Carolina @ Wilmington, Graduate Certificate Appalachian State University, Med University of Kansas, BA SUNY @ Buffalo

**Matthews, Bryan,** (ECPI 2024) *Arts & Sciences*, MA Ball State University, BS University of Kansas, BS SUNY @ Brockport

**Mayers, Letitia,** (ECPI 2025) *Health Science*, AAS ECPI College of Technology, Diploma Centura College

**McIver, Michael,** (ECPI 2017) *Criminal Justice*, MJA Methodist University, BS University of Mount Olive

**Menezes, Treeza,** (ECPI 2022) *Health Science*, MSE Western Governors University, BS Government College of Nursing

**Mohamed, Rasha,** (ECPI 2019) *Arts & Sciences*, DM University of Alexandria, MSE North Carolina A&T State University, Coursework University of North Carolina @ Greensboro

**Morales, Daniel,** (ECPI 2025) *Health Science*, GD Herzing University, AS Mattia College, <None> West Coast University

**Morehead, David,** (ECPI 2025) *Technology: CIS*, MSE Florida International University, BS Belhaven University

**Muhsen, Iyad,** (ECPI 2019) *Arts & Sciences*, MA Fayetteville State University, MSE Fayetteville State University, BS Southern University at New Orleans

**Naik, Pritee,** (ECPI 2024) *Health Science*, MSE Sikkim Manipal University, MSE Tehmi Grant Institute of Nursing Education, BS SNDT Women's University

**Nida, Richard,** (ECPI 2022) *Arts & Sciences*, PhD Ohio University, MA Ohio University, BA Marshall University

**Oates-Bethea, JaQuice,** (ECPI 2025) *Arts & Sciences*, MSE North Carolina A&T State University, BS Saint Augustine's University

**Odeniran, Oluwatobi,** (ECPI 2025) *Health Science*, Graduate Certificate Purdue University, Graduate Certificate University of Massachusetts-Amherst, MSE Grand Canyon University

**Ohayon, Regina,** (ECPI 2023) *Health Science*, MSE Excelsior College, BS Excelsior College, AS Union County College

**Patel, Hemant,** (ECPI 2025) *Health Science*, PhD University of Southampton

**Patron, Leland,** (ECPI 2024) *Arts & Sciences*, DC Southern California University Health Science, MSE Loma Linda University, BS University of California, Riverside

**Perry, Joe,** (ECPI 2022) *Health Science*, MBA University of North Carolina @ Pembroke, BS University of Mount Olive, Diploma ECPI University

**Pinkins, Troy,** (ECPI 2016) *Arts & Sciences*, MBA Strayer University, BA North Carolina State University, AS Monroe College

**Ricks, Erica,** (ECPI 2025) *Health Science*, GD Southern New Hampshire University, BS North Carolina Central University, AAS ECPI University

**Smith, Virginia,** (ECPI 2021) *Health Science*, MSE Pace University, BA King's College

**Swinson, Toshia,** (ECPI 2025) *Health Science*, MSE University of North Carolina @ Wilmington, BS Grand Canyon University, AAS Durham Technical Community College

**Taylor, Michael,** (ECPI 2000) *Technology: CIS*, MSE East Carolina University, PGC North Carolina State University, BS University of North Carolina @ Chapel Hill

**Thomas, Joycelyn,** (ECPI 2010) *Health Science*, BS Long Island University Brooklyn Campus

**Vinton, Ade,** (ECPI 2023) *Health Science*, MBA University of Phoenix, MSE University of Phoenix, BS University of Phoenix, AAS Wake Technical Community College

**Wiggins, Christal,** (ECPI 2025) *Arts & Sciences*, MSE Elizabeth City State University, BS Elizabeth City State University

**Wiggins, Earl,** (ECPI 2018) *Arts & Sciences*, PhD University of South Carolina - Columbia, BA Morehouse College

**Witherspoon, Anthony,** (ECPI 2019) *Arts & Sciences*, DC Sherman College of Chiropractic, BS Jackson State University

**Wood, Suzanne,** (ECPI 2021) *Arts & Sciences*, MA Western Carolina University, BA Syracuse University

**Zantello, Melissa,** (ECPI 2024) *Arts & Sciences*, MA Western Michigan University, MFA Western Michigan University, PGC Lesley University, BA University of Michigan

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University Administration

# ABHES-Richmond Emerywood Health Sciences

## Richmond | Emerywood Health Sciences

### Campus President: Ashley Richards

### CDAA: Matt Grinsell

### Admin

Stephanie Segien- Sr. Campus Director of Admissions

Beth Sterling- Campus Director of Career Services

Lisa Gregory- Director of Financial Aid

Matt Grinsell-Campus Vice President and ST Administrative Program Director

### Faculty

**Acosta, Teresa,** (ECPI 2025) *Health Science*, <None> Bon Secours Memorial School of Nursing, Associate of Arts and Sciences J. Sargeant Reynolds Community College, Masters Chamberlain College of Nursing

**Alfonso Hernandez, Paulo,** (ECPI 2024) *Health Science*, AAS ECPI University

**Allen, Ebonie,** (ECPI 2023) *Health Science*, BS Capella University, AAS J. Sargeant Reynolds Community College, CERT J. Sargeant Reynolds Community College

**Anniss, Caroline,** (ECPI 2020) *Health Science*, MSE Walden University, BS Virginia Commonwealth University, AS Northern Virginia Community College-Annandale

**Bandyopadhyay, Rupa,** (ECPI 2014) *Arts & Sciences*, PhD University of Calcutta, MSE University of Calcutta, GD Virginia Commonwealth University, BS University of Calcutta

**Bernas, Sarah,** (ECPI 2025) *Health Science*, AS Platt College

**Bridgforth, Karen,** (ECPI 2022) *Health Science*, MSE Western Governors University, BS Virginia Commonwealth University

**Chambers, Cayla,** (ECPI 2023) *Health Science*, MSE Grand Canyon University, BS Virginia Commonwealth University

**Chinn-Gonsalves, Nijah,** (ECPI 2010) *Health Science*, Doctor of Health Sciences University of Indianapolis, MSE California State University, Long Beach, BS Northeastern University

**Clapp, Kira,** (ECPI 2022) *Health Science*, DPT University of Findlay, BS Virginia Commonwealth University, UG Hawaii Pacific University, AAS ECPI University, AS J. Sargeant Reynolds Community College

**Cowan, Carol,** (ECPI 2025) *Health Science*, MSE Liberty University, BS South University

**DeVerna, Lindsey,** (ECPI 2022) *Health Science*, DPT Virginia Commonwealth University, BS Emory and Henry College

**Dickerson, Jennifer,** (ECPI 2013) *Health Science*, BS James Madison University, UG Bryant & Stratton College

**Evans, Naomi,** (ECPI 2025) *Health Science*, PharmD Chamberlain University, MSE Chamberlain University, BS Chamberlain University, AS J. Sargeant Reynolds Community College, CERT J. Sargeant Reynolds Community College

**Garland, Deavin,** (ECPI 2024) *Health Science*, GD Liberty University, AAS John Tyler Community College, <None> Virginia Commonwealth University

**Hines, Naomi,** (ECPI 2013) *Arts & Sciences*, PhD Capella University, Master of Family Therapy Mercer University, BA LaGrange College

**Hopper, Anthony,** (ECPI 2013) *Health Science*, MA University of Virginia, MA Wake Forest University, MSE Georgetown University, GD Hollins University, GD University of Illinois@Urbana, BA Roanoke College, UG Virginia Western Community College

**Hummel, David,** (ECPI 2019) *Arts & Sciences*, DC Palmer College, BS Old Dominion University

**Kleinhammer, Dana,** (ECPI 2025) *Health Science*, GD Western Governors University, BS Capella University, AAS Galen College of Nursing, CERT Central Texas College

**Leathers, Flynn,** (ECPI 2025) *Health Science*, Centura College, Diploma Sentara College of Health Sciences

**Leech, Camille,** (ECPI 2025) *Health Science*, MSE Virginia Commonwealth University, BS University of Virginia

**Leftwich, Tameka,** (ECPI 2021) *Health Science*, BS DeVry University, Diploma Community College of the Air Force-CCAF

**Mencke, Karyl,** (ECPI 2020) *Health Science*, MSE California College of Health Sciences, BS South Dakota State University

**Pitera, Frank,** (ECPI 2014) *Technology: CIS*, MAppSc  University of Denver, BS  Adelphi University, BS  ECPI University

**Premaratne, Shyamal,** (ECPI 2025) *Arts & Sciences*, DM  North Colombo Medical College, PhD  University of Hawaii at Manoa, MSE  University of Liverpool, England, BS  University of Liverpool, England

**Rappa, Danielle,** (ECPI 2025) *Health Science*, MSE  Herzing University, AS  Bryant & Stratton College, CERT  J. Sargeant Reynolds Community College

**Reynolds, Cameron,** (ECPI 2025) *Health Science*, MSE  Virginia Commonwealth University, BS  Bon Secours Memorial School of Nursing

**Robinson, Karen,** (ECPI 2017) *Health Science*, MSE  University of Phoenix, BS  Radford University

**Scott, Natifah,** (ECPI 2024) *Health Science*, AS  Eastern Virginia Career College

**Shall, Mary,** (ECPI 2024) *Arts & Sciences*, PhD  Virginia Commonwealth University, MSE  Duke University, BA  Creighton University

**Shea, Brian,** (ECPI 2024) *Health Science*, BS  D'Youville College

**Stafford, Karen,** (ECPI 2020) *Health Science*, PharmD  American Sentinel University, MSE  Sabal College, BS  University of Florida

**Stokes-Byrd, Michelle,** (ECPI 2013) *Arts & Sciences*, MA  Missouri State University, BS  Missouri State University

**Stuart, Jessica,** (ECPI 2025) *Health Science*, <None>  ECPI University

**Sutter, Sandra,** (ECPI 2013) *Health Science*, MHA  University of Phoenix, BS  Virginia Commonwealth University, Diploma  Landeszahnärztekammer Baden-Württemberg

**Tam, Peter,** (ECPI 2012) *Health Science*, PhD  Nova Southeastern University, DPT  University of Maryland Eastern Shore, BS  Salisbury University

**Travis, Najah,** (ECPI 2024) *Health Science*, GD  South University, AAS  ECPI University

**Tyler, Jada,** (ECPI 2024) *Arts & Sciences*, MSE  University of Florida, BS  Virginia Commonwealth University

**Vaughan, Johanna,** (ECPI 2024) *Health Science*, PharmD  Chamberlain University, MSE  University of Phoenix, BS  University of Phoenix, AAS  John Tyler Community College

**Williams, Evangelyn,** (ECPI 2018) *Health Science*, DM  Kent State University, BA  Trinity Washington University

**Wooldridge, Pamela,** (ECPI 2018) *Health Science*, PharmD  Kaplan University, MSE  Kaplan University, BS  Kaplan University, AS  J. Sargeant Reynolds Community College

Back to the list of ABHES accredited campuses

University Administration

# ABHES-Roanoke

## Roanoke

### Campus President: Kevin Newby

### CDAA: Joh Guise

## Faculty

**Beirne, Renee**, (ECPI 2022) Arts & Sciences, DM Virginia Commonwealth University, MPH Virginia Tech, BS Virginia Commonwealth University

**Bhandari, Tina,** (ECPI 2019) *Arts & Sciences*, PhD  Virginia Polytechnic Institute and State Univ, MA  University of Colorado, Colorado Springs, BS  US International University

**Bowe, Amber,** (ECPI 2018) *Health Science*, GD  Walden University, BS  Wilmington University, UG  Gloucester County College, AAS  Cumberland County College, CERT  Cumberland County College

**Clem, Chad,** (ECPI ) *Arts & Sciences*, MA  Virginia Tech, BA  West Virginia Wesleyan College

**Dooley, Jenny,** (ECPI 2022) *Health Science*, Associate of Arts and Sciences  ECPI University, Diploma  ECPI University

**Edelin-Gough, Mariah,** (ECPI 2024) *Health Science*, BS  Herzing University, AA  Howard Community College, CERT  Howard Community College

**Greenway, Mary Beth,** (ECPI 2018) *Arts & Sciences*, Med  University of Virginia, PGC  Walden University, GD  University of Saint Joseph, BA  University of Virginia, CERT  Roanoke Memorial Hospitals - Med Tech, Coursework  Virginia Western Community College

**Haworth, Courtney,** (ECPI 2018) *Arts & Sciences*, Graduate Certificate  Radford University, Med  Rutgers University-New Brunswick, BA  Rutgers University-New Brunswick

**Henson, Angela,** (ECPI 2016) *Health Science*, MSE  ECPI University, BS  Jefferson College of Health Sciences, AS  Jefferson College

**Hollabaugh-Marshall, Natalie,** (ECPI 2022) *Health Science*, BS  Aspen University, AS  Palm Beach Community College

**Hunt, Rob,** (ECPI 2020) *Technology: CIS*, MSE  ECPI University, BS  ECPI University, AS  ECPI University

**Ishimwe, Sabrine,** (ECPI 2024) *Health Science*, MSE  Walden University, BA  Berea College, BS  Louisiana College

**Kemp, Nicole,** ( ECPI 2021) *Health Science*, BS  Washburn University, Master of Nursing  Tennessee State University

**Malone, Linda,** (ECPI 2025) *Health Science*, MPA  Eastern Virginia Medical School, BS  Virginia Commonwealth University

**Mangieri, Larissa,** (ECPI 2014) *Health Science*, Graduate Certificate  Liberty College, MA  Liberty College, BS  Jefferson College of Health Sciences, AAS  Hocking College

**McCown, Sandra,** (ECPI 2014) *Health Science*, BS  Radford University

**McElroy, Alexandra,** (ECPI 2025) *Health Science*, BS  Pennsylvania State University, AA  Bucks County Community College, CERT  Bucks County Community College, Coursework  Community College of Philadelphia

**Miller, Donna,** (ECPI 2016) *Health Science*, MSE  ECPI University, MSE  Old Dominion University, BS  Old Dominion University, BS  ECPI University, AAS  Virginia Western Community College

**Mohammed, Halah,** (ECPI 2022) *Arts & Sciences*, DM  University of Baghdad, AAS  ECPI University, Fellowship  University of Baghdad

**Rimkis, Robert,** (ECPI 2018) *Arts & Sciences*, DC  Logan University, Doctor of Health Sciences  A.T. Still University, BA  Rowan University

**Torre, Mark,** (ECPI 2022) *Arts & Sciences*, DM  Eastern Virginia Medical School, BS  Roanoke College, UG  James Madison University

**Treffinger, Patricia,** (ECPI 2018) *Health Science*, PhD  George Mason University, MSE  Old Dominion University, BS  Old Dominion University

**Weller, Maegan,** (ECPI 2020) *Health Science*, MSE  Western Governors University, BS  Jefferson College of Health Sciences

**West, Timothy,** (ECPI 2024) *Health Science*, AAS  Piedmont Virginia Community College, AS  Piedmont Virginia Community College, CERT  Piedmont Virginia Community College

**Workman, Lisa,** (ECPI 2014) , MA  Hollins University, BA  Baylor University

**Wray, Amanda,** ( ECPI 2024) *Health Science*, AS  ECPI University, Coursework  University of Virginia

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University Administration

# ABHES-Virginia Beach Health Sciences

## Virginia Beach Health Sciences

### Campus President: Michael Heck

### CDAA: TBD

### Faculty

**Ashe, Chantika,** (ECPI 2024) *Health Science*, PharmD  South University, MSE  South University, BS  South University

**Baines, Nichole,** (ECPI 2025) *Health Science*, BS  Sentara College of Health Sciences

**Barnhart, Lori,** (ECPI 2017) *Health Science*, BS  South University, AS  Medical Careers Institute

**Butler, Jessica,** (ECPI ) *Health Science*, BS  Old Dominion University

**Coelho, Rebecca,** (ECPI 2018) *Health Science*, MSE  Old Dominion University, BS  Old Dominion University

**Conrad, Sharyn,** (ECPI 2021) *Health Science*, PharmD  University of South Carolina, BS  University of Pittsburgh, Master of Nursing  University of South Carolina

**Constant, Arlene,** (ECPI 2024) *Health Science*, BS  South University

**Cooper, Jada,** (ECPI 2025) *Health Science*, BS  Georgia Southern University, UG  Doane College, UG  University of Phoenix

**Craig, Drea,** (ECPI 2022) *Health Science*, PharmD  Chamberlain University, MSE  University of Texas @ Arlington, BS  Troy University

**Craig, Penny,** (ECPI 2025) *Health Science*, MBA  Ohio State University, BS  Virginia Commonwealth University

**Davis, Lindsey,** (ECPI 2024) *Health Science*, BA  Virginia Wesleyan College, BS  Aspen University

**Decker, Melani,** (ECPI 2025) *Health Science*, BS  Pennsylvania College of Technology, AAS  Pennsylvania College of Technology, CERT  University of Alaska Anchorage

**Dowell, Neldara,** (ECPI 2025) *Health Science*, Post-Graduate Certificate  Rutgers University-Newark, MSE  Old Dominion University, BS  Old Dominion University

**Edgerton, Markiesha,** (ECPI 2024) *Health Science*, PharmD  University of Cincinnati, MA  Bowling Green State University, MSE  Vanderbilt University, BS  Barton College, BS  High Point University

**Edwards, Lou,** (ECPI 2018) *Health Science*, DHA  University of Phoenix, MBA  University of Phoenix, BS  University of Phoenix

**Edwards, Tania,** (ECPI 2022) *Health Science*, MSE  West Chester University, BS  West Chester University, AAS  Delaware County Community College

**Eloi, Kaylarge,** (ECPI 2022) *Health Science*, EdD  Aspen University, PhD  Capella University, MA  Argosy University, MSE  Capella University, BS  Purdue University

**Faudree, Cyndi,** (ECPI 2024) *Health Science*, PharmD  University of South Carolina, MSE  Georgia Southern University, BS  University of Florida

**Fitzgerald, Jessica,** (ECPI 2023) *Health Science*, MSE  Regent University, BS  Saint Joseph's University, AAS  ECPI University, AS  Manchester College

**Fuson, Janice,** (ECPI 2021) *Health Science*, PharmD  Gardner-Webb University, MSE  Gardner-Webb University, BS  Ohio University

**Gaddam, Mounica,** (ECPI 2025) *Health Science*, BS  Jawaharlal Nehru Technological University, AAS ECPI University

**Gockel, Valerie,** (ECPI 2022) *Health Science*, BS  Virginia Commonwealth University, UG  Sentara College of Health Sciences, AAS  Tidewater Community College, CERT  Bon Secours Memorial School of Nursing, Coursework  Walden University

**Gomes, Ilse,** (ECPI 2019) *Health Science*, MSE  Walden University, BS  Ann Latsky College

**Guise, John,** (ECPI 2000) , MSE  Western Governors University, BS  Regis University, AAS  ECPI College of Technology, AS  University of the State of New York

**Hall, Mary,** (ECPI 2020) *Health Science*, MSE  University of Phoenix, BS  University of Phoenix, Diploma  Sewickley Valley Hospital School of Nursing

**Hill-Jordan, LaSheka,** (ECPI 2024) *Health Science*, MSE  Walden University, BS  Chamberlain College of Nursing, Diploma  Riverside School of Heath Careers

**Hunter, Sara,** (ECPI 2023) *Health Science*, GD  Western Governors University, Post-Baccalaureate Certificate  Western Governors University, BS  Western Governors University, AAS  ECPI University

**Keith, Nadirah,** (ECPI 2014) *Health Science*, PharmD  Chatham University, Post-Master's Certificate  East Carolina University, MSE  Hampton University, BS  North Carolina A&T State University

**Kirtipal, Shweta,** (ECPI 2023) *Arts & Sciences*, PhD  Banasthali Veedyapith University, MSE  Hemvati Nandan Bahuguna Garhwal University, BS  Hemvati Nandan Bahuguna Garhwal University

**McAfee, Bill,** (ECPI 2013) *Arts & Sciences*, EdD  University of South Carolina - Columbia, MSE  Florida State University, MSE  Medical University of South Carolina, BA  University of Virginia

**McLeod, Michael,** (ECPI 2020) *Health Science*, GD  ECPI University, BS  Chamberlain University, AAS  ECPI University, Coursework  Tidewater Community College

**Montgomery, Eric,** (ECPI 2022) *Health Science*, MBA  University of Texas @ Rio Grand Valley, BS  ECPI University, AAS  ECPI University

**Morgart, Kayla,** (ECPI 2022) *Health Science*, MSE  Chamberlain College of Nursing, BS  University of North Florida, AS  Florida State College at Jacksonville

**O'Neil, Meghan,** (ECPI 2016) *Health Science*, MPH  Eastern Virginia Medical School, BA  College of the Holy Cross

**Oba, Oluwabunmi,** (ECPI 2020) *Health Science*, MSE  Grand Canyon University, BA  University of Ado-Ekiti, AAS  Trident Technical College, Diploma  Virginia College

**Ottaway, Alyssa,** (ECPI 2024) *Health Science*, BS  Rivier Univsersity, AS  Rivier Univsersity

**Perry, Charizma,** (ECPI 2025) *Health Science*, BS  Capella University, AAS  Paul D. Camp Community College, AS  John Tyler Community College, CERT  Paul D. Camp Community College

**Ramlatchan, Sam,** (ECPI 2023) *Health Science*, Med  Averett University, MPH  Eastern Virginia Medical School, BS  Old Dominion University, UC  Colorado State University-Global

**Rodman, Katherine,** (ECPI 2024) *Health Science*, PharmD  Walden University, MSE  Virginia Commonwealth University, BS  James Madison University, UG  Shepherd University

**Roeder, Yvonne,** (ECPI 2019) *Health Science*, BS  Old Dominion University

**Rohrer-Dann, Chelsea,** (ECPI 2022) *Health Science*, MSE  City College of New York, BS  George Washington University, Master of Nursing  Sacred Heart University

**Sellmer, Elizabeth,** (ECPI 2022) *Health Science*, GD  Queens University of Charlotte, BS  Norfolk State University, Diploma  FORTIS College

**Smith, Amber,** (ECPI 2013) *Health Science*, MSE  Walden University, BS  Western Governors University, AS  Medical Careers Institute, Coursework  Tidewater Community College

**Smith, Shelia,** (ECPI 2018) *Health Science*, GD  Capella University, BS  Norfolk State University, AS  Norfolk State University, Coursework  Paul D. Camp Community College

**Stavish, Stephanie,** (ECPI 2019) *Health Science*, PharmD  Marymount University, MSE  George Mason University, Diploma  Louise Obici Memorial School of Nursing

**Stevenson, Shermaine,** (ECPI 2024) *Health Science*, BS  ECPI University, AAS  ECPI University, Diploma ECPI University

**Thornsbury, Lisa,** (ECPI 2021) *Health Science*, BS  University of Cincinnati

**Thorpe, Linda,** (ECPI 2022) *Health Science*, MReg  Tabernacle Baptist College & Seminary, BA  Free Will Baptist Bible College, BS  Free Will Baptist Bible College, AS  Belmont University

**Tiangco, David,** (ECPI 2011) *Arts & Sciences*, PhD  Old Dominion University, MSE  Old Dominion University, BS  Old Dominion University, UG  Virginia Polytechnic Institute and State Univ

**Utton, Stacy,** (ECPI 2022) *Health Science*, MSE  Georgetown University, BS  Sentara College of Health Sciences, AS  North Shore Community College

**Van Dyke, Larissa,** (ECPI 2013) *Arts & Sciences*, MSE  St. Petersburg State University - Russia, BA  Pyatygorsk University of Foreign Languages, BS  St. Petersburg State University - Russia

**Watson, Katie Bea,** (ECPI 2021) *Health Science*, MSE  ECPI University, BS  ECPI University, AS  ECPI University

**Weaver, Adriana,** (ECPI 2024) *Health Science*, MSE  Liberty University, BS  Liberty University, AAS  ITT Technical College

**Williams, Nichole,** (ECPI 2024) *Health Science*, AAS  FORTIS College

**Williams, Stephen,** (ECPI 2017) *Health Science*, MPA  Troy University, BA  University of the State of New York, AS  CUNY @ College of Staten Island

**Wood, Judy,** (ECPI 2018) *Health Science*, MSE  Wheeling Jesuit University, BS  Wheeling Jesuit University, AAS  Central Flordia Community College

**Wyckoff, Caleb,** (ECPI 2018) *Arts & Sciences*, MSE  Old Dominion University, BS  Old Dominion University

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University Administration

# Virginia Beach Health Sciences

## ADN Program Faculty

**Full-Time Faculty**

**Constant, Arlene** RN, BSN

**Craig, Andrea** RN, DNP

**Creque, Tonya** RN, DNP

**Edwards, Tania** RN, MSN

**Fitzgerald, Jessica** RN, MSN

**Hall, Mary** RN, MSN

**Malone, Adriele** RN, BSN

**Rey, Stephanie** RN, BSN

**Smith, Amber** RN, MSN

**Smith, Shelia** RN, MSN

**Part-Time Faculty**

**Abbott, Christina** RN, BSN

**Cleveland, Courtney** RN, BSN

**Douglas, Elise** RN, MSN

**Dowell, Neldara** RN, MSN

**Dowling, Becky** RN, BSN

**Duran, Tommee-Leah** RN, BSN

**Freeman, Renee** RN, MSN

**Gomes, Ilse** RN, MSN

**Gunter, Mukisha** RN, DNP

**Hammond, Loletta** RN, MSN

**Hill-Jordan, LaSheka** RN, MSN

**Hunter, Sara** RN, MSN

**Kuykendall, Kristin** RN, MSN

**Langley, Julie** RN, MSN

**Minnick, Kristin** RN, MSN

**Murphy, Shaniqua** RN, BSN

**O'Grady-Tabor, Kathryn** RN, DNP

**Perry, Charizma** RN, BSN

**Rohrer-Dann, Chelsea** RN, MSN

**Samuel-Harris, Sibena** RN, PhD

**Scott, Suzanne** RN, BSN

**Sellmer, Elizabeth** RN, BSN

**Spence, Keia** RN, DNP

**Stasse, Lena** RN, MSN

**Utton, Stacy** RN, MSN

**White, Glenda** RN, MSN

**Ziegler, Nicolette** RN, BSN

## PN Program Faculty

**Full-Time Faculty**

**Terri Axelrod** RN, MSN, EJD, CHSE®

**Penny Hughes** RN, MSN

**Penny Craig** RN, BSN, MBA

**Crystel Dunkelberger** RN, BSN

**Valerie Gockel** RN, BSN

**Shermaine Stevenson** RN, BSN

**Lisa Thornsbury** RN, BSN

**Part-Time Faculty**

**Nikki Baines** RN, BSN

**Lori Barnhart** RN, BSN

**Melina Bias** RN, BSN

**Jessica Butler** RN, BSN

**Manuel Caday** RN, BSN

**Jada Cooper** RN, BSN

**Lindsay Davis** RN, BSN

**Cherrie Ferebee** RN, BSN

**Evelyn Garcia** RN, BSN

**Melesha Green-Fredrick** RN, BSN

**Sara Hunter** RN, MSN

**Shelmara Johnson** RN, BSN

**Marcia Lindsay-Brothers** RN, BSN

**Colleen McGoff** RN, MSN

**Barbara McDuffie** RN, BSN

**Christina Miller** RN, BSN

**Alyssa Ottaway** RN, BSN

**Yvonne Roeder** RN, BSN

**Angie Turner** RN, MSN

**Linda Thorpe** RN, BSN

# University Governance

The University is governed by a Board of Trustees. Members of the Board of Trustees may be contacted at ECPI University, 5555 Greenwich Road #600, Virginia Beach, Virginia 23462.

| BOARD OF TRUSTEES |
| --- |
| Jonathan Bannett, Chair (New Jersey) |
| Douglas Newman (New Jersey) |
| Samuel Dreyfus (Virginia) |
| Barbara Larar (Virginia) |
| Lee Krumbein (Virginia) |
| Hunter Jensen (California) |
| Keegan Mullins (South Carolina) |

# Master Calendar

Our university operates on a dynamic academic calendar designed to accommodate the diverse needs of our student body across various campuses. This Master Calendar provides detailed scheduling information for our five-week terms and twelve-week quarters (which apply only to our Orlando, Florida Campus), ensuring that students, faculty, and staff are well-informed of important dates throughout the academic year.

We encourage all students to regularly consult the Master Calendar to plan their academic and personal commitments effectively, ensuring a successful and well-balanced educational experience.




Master Calendar

## Five-Week Terms

| | | |
| --- | --- | --- |

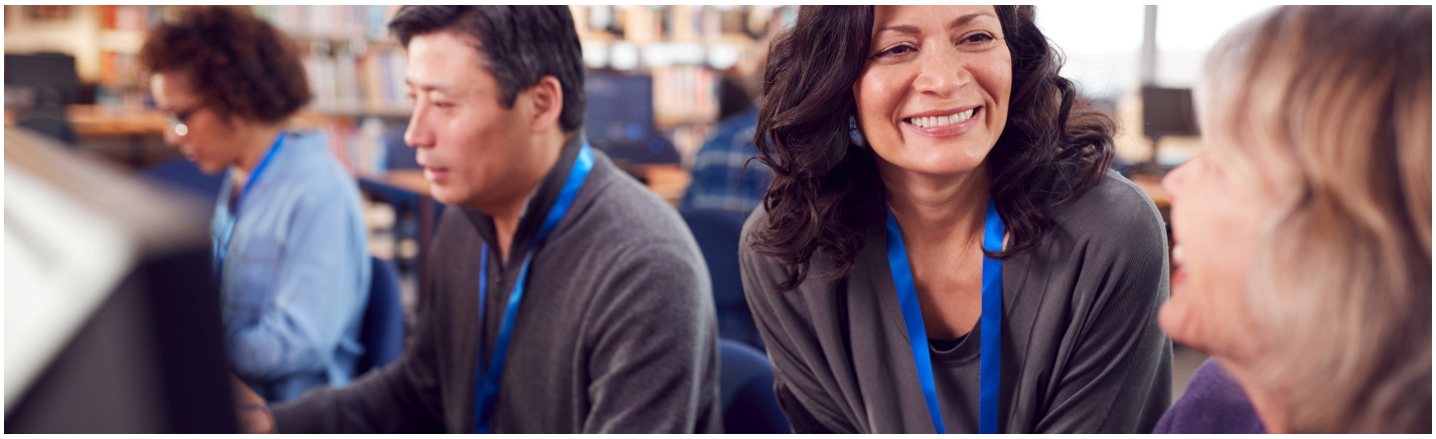
| **2025** | | |
|---|---|---|
| TERM 1 | 01/27/25-03/02/25 | |
| TERM 2 | 03/03/25-04/06/25 | |
| TERM 3 | 04/07/25-05/11/25 | |
| TERM 4 | 05/12/25-06/15/25 | Holiday May 26 |
| TERM 5 | 06/16/25-07/27/25 | Summer Break June 30-July 6 |
| TERM 6 | 07/28/25-08/31/25 | |
| TERM 7 | 09/02/25-10/05/25 | Holiday Sep 1 |
| TERM 8 | 10/06/25-11/09/25 | |
| TERM 9 | 11/10/25-12/14/25 | Holiday Nov 27-28 |
| TERM 10 | 12/15/25-01/25/26 | Winter Break Dec 24-Jan 1, Holiday Jan 19 |
| **2026** | | |
| TERM 1 | 01/26/26-03/01/26 | |
| TERM 2 | 03/02/26-04/05/26 | |
| TERM 3 | 04/06/26-05/10/26 | |
| TERM 4 | 05/11/26-06/14/26 | Holiday May 25 |
| TERM 5 | 06/15/26-07/26/26 | Summer Break June 29-July 5 |
| TERM 6 | 07/27/26-08/30/26 | |
| TERM 7 | 08/31/26-10/04/26 | Holiday Sep 7 |
| TERM 8 | 10/05/26-11/08/26 | |
| TERM 9 | 11/09/26-12/13/26 | Holiday Nov 26-27 |
| TERM 10 | 12/14/26-01/24/27 | Winter Break Dec 24-Jan 3, Holiday Jan 18 |
| **2027** | | |
| TERM 1 | 01/25/27-02/28/27 | |
| TERM 2 | 03/01/27-04/04/27 | |
| TERM 3 | 04/05/27-05/09/27 | |
| TERM 4 | 05/10/27-06/13/27 | Holiday May 31 |
| TERM 5 | 06/14/27-07/25/27 | Summer Break June 28-July 5 |
| TERM 6 | 07/26/27-08/29/27 | |
| TERM 7 | 08/30/27-10/03/27 | Holiday Sep 6 |
| TERM 8 | 10/04/27-11/07/27 | |
| TERM 9 | 11/08/27-12/12/27 | Holiday Nov 25-26 |
| TERM 10 | 12/13/27-01/23/28 | Winter Break Dec 24-Jan 2, Holiday Jan 17 |

Master Calendar

## Twelve-Week Quarters (Orlando, FL Campus)

| QUARTERS | | HOLIDAYS | BREAKS |
|---|---|---|---|
| **2025** | | | |
| Summer Quarter | 07/14/25-10/04/25 | Sep 1 | 10/5/2025-10/12/2025 |
| Fall Quarter | 10/13/25-01/10/26 | Nov 27-28, Dec 25, Jan 1 | 12/25/2025-01/01/2026 |
| **2026** | | | |
| Winter Quarter | 01/12/26-04/04/26 | Jan 19 | 04/05/26-04/12-26 |
| Spring Quarter | 04/13/26-07/03/26 | May 25 | 07/05/26-07/12/26 |
| Summer Quarter | 07/13/26-10/03/26 | Sep 7 | 10/04/26-10/11/26 |
| Fall Quarter | 10/12/26-01/09/27 | Nov 26-27, Dec 25, Jan 1 | 12/25/26-01/04/27 |
| **2027** | | | |
| Winter Quarter | 01/11/27-04/03/27 | Jan 18 | 04/04/27-04/11/27 |
| Spring Quarter | 04/12/27-07/03/27 | May 31 | 07/04/27-07/11/27 |
| Summer Quarter | 07/12/27-10/02/27 | Sep 6 | 10/03/27-10/10/27 |
| Fall Quarter | 10/11/27-01/08/28 | Nov 25-26, Dec 25, Jan 1 | 12/24/27-01/02/28 |

# Welcome to the Academic Policies Section



**Navigate the academic policies section using the menu to the left, or choose from the following additional policy categories below:**

- Admissions Policies
- Financial Aid Policies
- Student Conduct Policies
- University Policies

Welcome to our university's Academic Policies Catalog section. The academic policies in this section apply to all students attending ECPI University. Here, you will find comprehensive guidelines that govern the academic standards and procedures within our institution. These policies ensure that all students, faculty, and staff are aligned with our commitment to academic excellence, integrity, and equity. Whether you are seeking information on course loads, academic freedom, scheduling, or the add/drop period, this section provides the necessary framework to navigate your academic journey. We encourage you to familiarize yourself with these policies to fully understand the expectations and resources available to you as a member of our academic community.

Students pursuing health science programs at the ECPI University College of Health Science/College of Nursing must also refer to their program handbook for additional policies. The following health science programs have program-specific policy handbooks:

- AASDA
- AASDMS
- AASEMS
- AASMR

- DPN
- ADN
- BSN
- BSBSN
- MSN-FNP
- MSN-NE
- RNBSN
- AASPTA
- MSPA
- AASST

ECPI University reserves the right to make changes at any time to academic programs. Updates and changes in policies and procedures may occur during your studies at ECPI University. Changes that may materially affect all students in your program of study, including any changes as to your financial obligations, graduation requirements, or substantial changes in curriculum, will be communicated by official notification to your ECPI University email account which all students are expected to monitor, and will additionally be posted in the Learning Management System accessed in your courses and distributed in class. A signature acknowledgment may be requested for significant policy changes. If your program of study includes a program-specific policy handbook, pertinent changes in instructional policies or procedures will additionally be communicated to you via addendums to the handbook.

To support student success on licensure where applicable, and employability as you near graduation, some courses include score requirements on a predictor, preparatory exam, or other comprehensive test. If there is a change to a course requirement, such as a change in the required score, the University will notify you at least one semester in advance, and this advance notice will be delivered to all affected students' ECPI University email accounts, the Learning Management System, and distributed in class.

If a policy change is necessitated by external parties such as programmatic accrediting agencies, state agencies, or to meet any regulatory requirements, students in the affected program will also be provided notice of the change through notification to your ECPI University email account, the Learning Management System, and distributions in class with new or revised requirements and the effective date.

Certain substantive program, policy or procedure changes are intended to apply only to new students, with currently enrolled students in good standing grandfathered. However, if a student changes their program or has a break in attendance, all current policies in place at the time are required, except when military orders or other hardships apply. Students that change programs, and are therefore subject to a change in tuition rates, will be asked to accept any such changes in the terms of their Enrollment Agreement and will be asked to sign a new Enrollment Agreement.

Academics Policies

## Academic Calendar/Year Definition

The University operates on a semester system and instruction is typically offered in five-week terms. Three consecutive five-week terms comprise a student's semester. The ECPI academic year is 24 semester credits and 30 weeks.

The Accelerated Bachelor of Science in Nursing and the Master of Science in Nursing at the Orlando campus operate on a quarter system and instruction is typically offered in twelve-week quarters. Three quarters and 36 quarter credits constitute an academic year.

A week is defined as seven consecutive calendar days beginning on Monday at 12:00 a.m. Eastern Time and ending on Sunday at 11:59 p.m. Eastern Time. Based on the University's calendar, a term ends on Sunday at 11:59 p.m. Eastern Time of the fifth week. All coursework must be completed and submitted by the term end date, or as otherwise required by faculty.

A week for the Accelerated Bachelor of Science in Nursing and Master of Science in Nursing at the Orlando campus is defined as seven consecutive calendar days beginning on Monday at 12:00 am Eastern Time and ending on Sunday at 11:59 pm Eastern Time. Based on the University's calendar, a term ends on Saturday at 11:59 pm Eastern Time of the twelfth week. All coursework must be completed and submitted by the term end date, or as otherwise required by faculty.

Academics Policies

## Academic Course Loads

To complete the program requirements in a timely manner, students must carry a minimum load of 12 semester credit hours and a maximum of 18 semester credit hours per semester. This course load is considered full time.

The following minimum course loads apply to undergraduate students:

| | | |
|---|---|---|
| Full time students: | at least 12 semester credit hours | |
| Three-quarter time students: | at least 9 semester credit hours | |
| Half-time students: | at least 6 semester credit hours | |

The maximum course load recommended for students is six credit hours (approximately two classes) per term; however, Career Orientation (COR090 Career Orientation Seminar, COR101 Freshman Orientation, COR191 Career Orientation) may be taken as a third course without being considered an overload.

Taking an academic overload is highly discouraged; however, a student can request additional courses on a limited, case-by-case basis. To be considered for an academic overload, the student must meet the following criteria:

- Completed at least 18 semester hours
- Earned at least a 3.2 GPA
- Submitted the Academic Overload Request Form

If the student seeks to enroll in an online course as part of the overload, the student must demonstrate competency within the online environment by either satisfactorily completing the online orientation or by demonstrating successful completion of a previous online course.

Students who take an academic overload consisting of more than two courses in a term may reduce their eligibility for financial aid assistance in future semesters, which may result in greater out-of-pocket expenses. There will be an additional charge in the semester that the overload course is taken if the student takes more than 18 credits. Therefore, each student is responsible for checking with the Financial Aid office to determine the impact of schedule changes.

### Graduate Course Load

Classes are scheduled on a fixed-term, semester credit hour basis. For financial aid and academic progress purposes, an academic year is 30 weeks and 18 graduate credits. Full-time graduate students may take no more than nine semester credit hours per semester. Enrollment status changes may affect the financial aid eligibility of students. Students are responsible for checking with the Financial Aid office to determine the impact of schedule changes. ECPI reserves the right to adjust class schedules to best meet student needs, faculty, classroom, equipment, parking, and facility availability.

Due to the workload required for classes there are no course overloads permitted at the graduate level.

Academics Policies

## Academic Freedom

ECPI University supports the freedom of the faculty and students to exchange ideas, examine all aspects of issues, and question assumptions in order to develop the skills and understanding necessary for graduates to qualify for employment in appropriate occupations and to assume positions as responsible members of a democratic society. The ECPI University Board of Trustees requires the exercise of responsible judgment to ensure academic freedom at the University.

Academics Policies

## Academic Scheduling

A student may begin most programs during any semester; restrictions typically apply in programs in which a maximum number of students is specified. The required courses, course prerequisites, and clinical requirements where applicable, may be found in each program's description in the Program section of the Catalog.

ECPI University seeks to graduate students on a timely basis. In an effort to assist students as they progress toward graduation, a combination of on-campus, online, remote synchronous, and hybrid classes are provided. All students will be scheduled for a full-time course load each semester, unless other arrangements are made in advance or other circumstances intervene. Low enrollments or other factors may require the school to cancel or reschedule on-campus courses. In addition, some courses may not be offered on-campus within an academic year. Students who need courses that are not available on-campus may choose to take courses delivered online or in a hybrid format, if available.

ECPI reserves the right to adjust class schedules to meet student needs and the availability of faculty, classroom, equipment, parking, and facilities.

Academics Policies

## Add/Drop Period

The add/drop period refers to the period of time during which a student may add, drop, or re-enroll late in a given term without academic penalty. Add/drops may occur only during Week 1 of the current term. Students who wish to add/drop classes must consult with the Academic Program Director prior to making any schedule changes. Depending on the class size and/or schedule, changes to an individual student’s schedule may not be possible.

Academics Policies

## Attendance

Click on the following sections related to attendance policies and program specific attendance policies (see page 63 in the PDF)

Attendance Policies

- Graduate Student Attendance
- Dental Assisting | AAS
- Diagnostic Medical Sonography | AAS
- Emergency Medical Services (EMS) Certification Program
- Medical Assisting | AAS and Diploma
- Medical Radiography | AAS
- Nursing | ADN
- Nursing | BS to BSN (Orlando)

- Nursing | MSN
- Nursing | PN Diploma
- Nursing | RN to BSN
- Physical Therapist Assistant | AAS
- Radiologic Sciences | BS

Academics Policies

# Awards and Recognitions

Awards are periodically presented to undergraduate students for academic achievement. These awards become part of a student's permanent record that is available for release to prospective employers.

***Dean's List***. A student may be named to the Dean's List for exceptional academic performance during each standard semester. The student must be enrolled at least three-quarter time for the three terms and have achieved a minimum Cumulative Grade Point Average (CGPA) of 3.7 for those same three terms.

***Attendance Award***. A student may earn an attendance award for class attendance during each standard semester. To earn the award, a student must have had perfect attendance for each class taken during the standard semester.

***Graduation with Honors***. To be eligible for graduation with honors, a student seeking an undergraduate academic degree must earn a CGPA of 3.7 or higher and receive a recommendation by the Academic Program Director. Honor graduates will be recognized at the annual commencement exercises and the honors distinction appears on transcripts and the degree for associate and bachelor's degrees. The University bestows the following graduation honors:

## Degree Honors for Undergraduates:

| | | |
|---|---|---|
| Summa Cum Laude | 3.90-4.00 | |
| Magna Cum Laude | 3.80-3.89 | |
| Cum Laude | 3.70-3.79 | |

It is the student's responsibility to confirm any awards or special recognition that may be due at graduation with the campus Student Records Coordinator (or equivalent) prior to the commencement exercises.

Academics Policies

# Change of Program

Students will be allowed one change of program, and the student may change his or her program at any point of his or her enrollment. The following changes are NOT considered a change of program:

- Change from a day to an evening version of the same program
- Change from an associate's to a bachelor's degree in the same program
- Change from one concentration to another concentration within the same program

Students who wish to change a program will be required to meet all the admissions requirements of the new program, including admissions assessments. A written request for a change of program must be submitted to the campus Student Records Coordinator. Evaluation of the student's transcripts, GPA, and attendance is initiated by the Student Records Coordinator through the appropriate academic department(s). If the change of program is approved, the student must sign a new Enrollment Agreement, and an administrative processing fee may be assessed for the change of program. The change of program is effective starting the term following the approval of a submitted request, subject to course availability.

Certain programs within the College of Health Science have established enrollment limits that may not permit a change of program or concentration.

Please see the Satisfactory Academic Progress policy for additional information on how a change of program may affect the student's financial aid eligibility, financial aid package, and/or academic progress.

Academics Policies

# Class Availability

Not all courses are offered each term or semester. ECPI reserves the right to cancel any scheduled class if ten or fewer students are registered. A student who withdraws or fails a course, changes programs, or interrupts his/her studies may experience a delay(s) in program completion due to the availability of required courses outside the sequence of scheduled courses.

Academics Policies

# Class Delivery Methods

ECPI University offers courses through four primary delivery methods: on campus, online, distance learning, and hybrid. This section outlines the general policies applicable to all delivery methods. Additional requirements and expectations specific to each delivery method are provided in the corresponding sections below.

Students may take a combination of class delivery methods as they progress toward program completion. Some may be subject to approval by the Campus Director of Academic Affairs or designee. Attendance is recorded and required for all delivery methods.

All delivery methods maintain the same course outcomes and academic standards. In addition, the tuition rate is the same regardless of delivery method. Textbook requirements are listed under the "Textbook" link in each course within the learning management system.

All delivery methods are offered in a five-week term format, with each week running Monday through Sunday, except the Nursing BS to BSN program, which runs on a 12-week term. Students are expected to complete all required work and submit assignments on or before the deadlines established by the faculty member and outlined in the course record within the learning management system (LMS).

Students are required to review the following policies that have class delivery method impacts:

- Attendance Policies
- Communications and Computing Policies
- Course Requirements
- Honor Code
- Student Conduct Policies

## Delivery Method Readiness

During the admissions process, ECPI University utilizes various standardized assessment tools to determine an applicant's preparedness to undertake college-level coursework. In addition to taking an admissions assessment, the Admissions advisor will conduct a personal interview with all candidates to assess whether the applicants have the appropriate skills and competencies needed to succeed in taking courses through distance learning, hybrid, or online delivery.

Requirements regarding distance education vary from state to state. The initial enrollment documents are reviewed using the address provided upon enrollment to determine physical location and individual ability to complete the program requirements in the location provided. Upon enrolling the student signs an Enrollment Agreement certifying all information.

## Orientation

To support student success, all new students are required to attend orientation prior to the start of classes. The orientation prepares students to participate effectively and provides guidance on navigating the learning management system, orients them to technologies such as Microsoft 365, Teams, OneDrive, the student portal and ECPI mobile app, and overviews all the course delivery methods and requirements.

In addition, **all students registering for an online course, regardless of whether the student is taking one course or an entire program, are required to successfully complete an online orientation prior to beginning class**. Online orientation ensures each student has an adequate Internet connection, the required computer equipment, sufficient computer proficiency and has the knowledge to navigate an online course.

## Technology Requirements

Students participating in online, distance learning, or hybrid instruction are responsible for maintaining access to the required hardware, software, and internet connectivity necessary for successful participation in coursework. Students can verify that their device meets the necessary requirements by going to https://speedtest.ecpi.net/. This includes a link to an FAQ page for further information about browser requirements, etc.

ECPI University supports the Microsoft Windows 11 operating system. Android, Chrome OS (Chromebook), iOS (iPad/iPhone), macOS, and Unix/Linux operating systems are not fully supported. Certain degree programs utilize third-party software applications that require a Windows-based computer and may not function properly on unsupported operating systems.

Hardware requirements vary by degree program. Students are responsible for ensuring their computer system meets the minimum specifications required for their program of study.

ECPI University requires the following minimum hardware specifications:

| **ENGINEERING AND INFORMATION TECHNOLOGY DEGREE PROGRAMS** | | |
|---|---|---|
| ***Specification:*** | ***Minimum Requirement:*** | |
| Number of vCPUs | 8 vCPUs | |
| Installed Memory (RAM) | 16 GB RAM | |
| Free Disk Space (Storage) | 256 GB (SSD Drive) | |
| Installed Webcam | Built-in or USB | |
| Available Ethernet Port | Built-in | |

| ALL OTHER DEGREE PROGRAMS | | |
|---|---|---|
| ***Specification:*** | ***Minimum Requirement:*** | |
| Number of vCPUs | 4 vCPUs | |
| Installed Memory (RAM) | 8 GB RAM | |
| Free Disk Space (Storage) | 256 GB (SSD Drive) | |
| Installed Webcam | Built-in or USB | |
| Available Ethernet Port | Built-in | |

Students are also expected to maintain reliable internet access sufficient to support course participation, assignment submission, remote collaboration, and synchronous instructional activities where applicable.

### Student Relocation

Students are responsible for notifying ECPI University immediately of any changes to their name, address, telephone number, email address, or physical location. Updates should be submitted through the University Student Portal or communicated to the campus Student Records Coordinator and/or designee.

A student's physical location at the time of enrollment is established through the student attestation completed in the University enrollment portal. Students who relocate while enrolled should notify the University promptly and may also consult with their Program Director regarding any potential academic or regulatory impacts.

Relocating to another state during enrollment may affect a student's ability to continue or complete a program, obtain professional credentials or licensure, or secure in-field employment, particularly if the University is not authorized to operate in that state.

Students who reside in, or plan to relocate to, a state other than the state in which their program's physical campus is located are encouraged to research applicable state certification, licensure, and employment requirements. Because state statutes, rules, and regulations frequently change, ECPI University cannot guarantee eligibility for licensure or certification in another state.

### Identification Verification Process

To maintain the integrity of coursework, ECPI utilizes a variety of strategies.

All students in all class delivery methods will be required to set up and use Microsoft's Multi-Factor Authentication (MFA). This MFA requires not only a password but also a second factor - usually a temporary code sent to a user's phone (mobile device) or email - to verify the identity of the student.

In addition to the MFA, other online activities are reviewed to maintain integrity; for example, attendance logs, IP addresses, plagiarism detection tools, special security settings, and start/stop times for online learning activities.

### Student Services

Comparable student support services are available for all students, regardless of the class delivery method, including access to learning resources, financial assistance, career advising, and academic advising.

### Medical Assisting and Surgical Technology programs

The programs are designed to meet licensure requirements in the states in which they are offered. The University has not determined if the programs fulfill the educational requirements for specific professional licensure or certification required for employment outside the states in which the programs reside. Students who relocate to states in which the University does not have approval to operate may be adversely impacted in their ability to complete the program, obtain credentials, or gain in-field employment.

A student's physical location is determined at the time of enrollment by the student attestation of their physical location in the University enrollment portal. Students are able to notify the University of a change to their physical location in the University Student Portal and/or speak with their Program Director. It is recommended that students located in or planning to relocate to a state apart from where the program's physical campus is located research any certification or employment requirements for their intended state. All prospective and current students should be advised that due to the frequent changes to state statutes, rules, and regulations the University cannot guarantee licensure in another state.

## On-Campus Delivery

In the on-campus delivery method, students attend class in person at a physical campus location on the days and times designated in the course schedule.

While campus computing resources may be available for instructional use, students may still be required to access online learning resources, course materials, and University systems outside of scheduled class time.

## Online Delivery

In the online delivery method, students attend class asynchronously by completing work in the learning management system (Canvas). Some courses and/or programs are offered only online. Online courses are designed to take advantage of technology, making the learning environment accessible at any time. Students are required to be proficient in using the Internet and to have the ability to manage information on the computer.

Online students should anticipate extensive online communication with both faculty members and other students. Faculty may be contacted via email, telephone, text, or Live Chat in designed Live Chat courses. Students needing additional help may also contact their faculty member to request a tutor.

Online students are required to participate in a discussion assignment during the week unless otherwise designated. Original discussion posts will be due each week no later than 11:59pm Wednesday (Eastern Time). All other discussion responses and weekly assignments are due each week no later than 11:59pm Sunday (Eastern Time) unless otherwise designated.

Online students may also visit https://www.ecpionline.com/ to access essential information, including academic advising and student support coordinators; computer requirements; technical support; key contacts; library resources; and tutorials and demonstrations.

## Distance-Learning Delivery

In the distance-learning delivery method, instruction is delivered live in synchronous class sessions through a video conferencing and collaboration tool. Most distance-learning courses have an on-campus requirement which will require a student to attend their local campus at least once during the term (see Attendance Policies). Students are notified of what the specific on-campus requirement is within their course and by their instructor.

Students must have appropriate technology as outlined in the **Technology Requirements** section to participate remotely, and maintain access to a functioning webcam, audio capability, and reliable internet connectivity. Headsets are strongly encouraged. Students without access to required technology may not continue in the course.

Students are expected to participate in their distance-learning course from a private location to reduce background distractions and the potential to be interrupted during class. Students are strongly encouraged to use the background screens provided by the video conferencing and collaboration tool. All background filters must be professional and not create additional distractions to the virtual classroom environment. Students may be required to use filters when in class. Students' microphones should remain muted unless they are participating in a class discussion, asking a question, or responding to the instructor.

## Hybrid Delivery

In the hybrid delivery method, instruction combines asynchronous online delivery with face-to-face, synchronous delivery that occurs either on campus or distance learning.

- The synchronous portion follows the format and requirements for either on campus, or distance learning, depending upon how that portion is scheduled.
- The online asynchronous portion follows the format and requirements of online delivery and will not exceed 50 percent of total course instruction or activities.

Students must have appropriate technology as outlined in the Technology Requirements section to participate in the hybrid modality. If the hybrid delivery method includes distance learning requirements, students will be required to maintain access to a functioning webcam, audio capability, and reliable internet connectivity. Students without access to required technology may not continue in the course.

Academics Policies

# Class Size

ECPI University is committed to providing engaging and interactive learning environments across all instructional modalities, including on-campus, distance learning (synchronous), online (asynchronous), and hybrid formats (blending of synchronous and asynchronous delivery methods). Regardless of delivery method, all courses are designed to achieve the same program and course learning outcomes.

To support student engagement and meaningful faculty-student interaction, class sizes are generally limited. For Health Science programs and the Arts and Sciences courses that support these programs, course enrollments offered as distance learning, online, or hybrid classes are typically capped at 25 students. Limited exceptions to this cap may be granted with approval of the Vice President for Academic Affairs or designee.

Academics Policies

# Class Standing

Class standing is determined by credits earned, according to the following criteria:

| | | |
|---|---|---|
| Freshman: | 0 – 23 semester credit hours earned | |
| Sophomore: | 24 – 47 semester credit hours earned | |
| Junior: | 48 – 71 semester credit hours earned | |
| Senior: | 72 or more semester credit hours earned | |

Foundational courses are not included when determining class standing and academic progression.

Academics Policies

# Clinical Protocol

## Diagnostic Medical Sonography | AAS

Clinical experiences are scheduled in various healthcare agencies and/or hospitals.

- Students may not visit any clinical facility while wearing the student uniform (including the name I.D.) without prior approval from the Diagnostic Sonography Faculty
- Students may not review any patient's chart or records except those assigned to them
- Students are not permitted to accept gifts from patients or patients' families or friends
- Students are not permitted to fraternize with any patient/agency employee while enrolled in school

## Medical Radiography | AAS

Clinical experiences are scheduled in various local healthcare agencies and/or hospitals.

- Students may not visit any clinical facilities while wearing the student uniform (including the name I.D.) without prior approval from Radiography faculty.
- Students may not review any patient's chart or records except those assigned to them.
- Students are not permitted to accept gifts from patients or patient's families or friends.
- Students are not permitted to fraternize with any patient/agency employee while enrolled in school.

## Nursing | All Programs

Clinical experiences are scheduled in various local healthcare agencies and hospitals and are subject to change.

- Students are not to provide personal telephone numbers or addresses to clients
- Students are not permitted to accept gifts from clients, patients, or their families
- Visiting patients, other than friends and relatives, is not permitted
- Students are not permitted to fraternize with any patient/agency employee while enrolled in school
- Students may not visit any clinical facilities while wearing the student uniform (including the name pin) unless prior permission is granted by a Nursing faculty member
- Students may not review any patient's chart except the patients assigned to them

Academics Policies

# Course Audits

At ECPI University, learning doesn't stop at graduation. As industries evolve and programs advance, we encourage our graduates to stay connected and continue developing their skills.

ECPI graduates, as well as current or returning students in any (diploma or degree) program may request to audit any course they have previously completed or courses within an updated or closely related program that has evolved from their original major or degree concentration. Auditing allows alumni to refresh their knowledge, stay current with industry developments, and remain engaged with their field.

Course audits are subject to class availability and require approval from the Program Director or Campus Director of Academic Affairs. Students auditing a course are expected to attend and fully participate in class. Audited courses will be recorded on the transcript with an 'AU' designation.

There is no tuition charge for auditing a course; however, students may be responsible for any required supplies, textbooks, or uniforms. Financial aid does not apply to audited courses.

Academics Policies

# Course Requirements

Requirements for each course are included in the course syllabus, which is reviewed with the class by the assigned faculty member on the first day of the course.

Academics Policies

# Credit/Contact Hours

A class contact hour consists of 60 minutes with at least 50 minutes of scheduled instruction in a class, lab, lecture, test, examination, externship/internship, clinical, or preceptorship experience. Occasionally, additional class contact hours may be required for class completion without additional credit.

Credit for most ECPI courses in degree and diploma programs in Virginia, North Carolina, South Carolina, Florida, and Texas are calculated on a semester credit hours basis, using the following conversion:

- One (1) semester credit hour is awarded for 15 lecture contact hours
- One (1) semester credit hour is awarded for 30 laboratory contact hours

- One (1) semester credit hour is awarded for 45 externship/internship, clinical, or preceptorship contact hours

Credit for ECPI courses in practical nursing diploma programs in Virginia and South Carolina are calculated on a semester credit hours basis, using the following conversion:

- One (1) semester credit hour is awarded for 30 lecture or laboratory contact hours
- One (1) semester credit hour is awarded for 45 externship/internship, clinical, or preceptorship contact hours

Credit for ECPI courses in practical nursing diploma programs in North Carolina are calculated on a semester credit hours basis, using the following conversion:

- One (1) semester credit hour is awarded for 32 lecture or laboratory contact hours
- One (1) semester credit hour is awarded for 48 externship/internship, clinical, or preceptorship contact hours

### BS to BSN Credit Hour Conversion

- One (1) credit hour didactic is equivalent to 1 hour per week in the classroom.
- One (1) credit hour laboratory is equivalent to 2 hours per week in the on-campus skills lab.
- One (1) credit hour clinical is equivalent to 3 hours per week at a clinical site.

### BS to BSN Unit of Credit/Academic Hour Definition

An academic hour or class is 50 minutes of instruction in a 60-minute period. Academic hours are converted to credit hours to allow for comparison with other post-secondary institutions.

| | |
|---|---|
| One quarter credit hour equals 30 units, comprised of the following academic activities: | One clock hour in a didactic learning environment equals 2 units |
| | One clock hour in a supervised laboratory setting of instruction equals 1.5 units |
| | One hour of clinical equals 1 unit |
| | One hour of out-of-class work and/or preparation designed to measure the student's achieved competency, relative to the required subject matter objectives, equals 0.5 units |

Academics Policies

## Distance Learning

See the Class Delivery Methods page.

Academics Policies

## Drug Calculation Testing (BS to BSN - Orlando)

Please review the following which applies to the Orlando, Lake Mary campus only.

***Drug Calculation Testing.*** Each quarter, the students will be tested on their ability to perform specific drug calculations. The student has three opportunities to pass the drug calculation test in the designated courses with at least a 90% score. If the student is not successful in passing within three attempts, the student will fail the course.

Academics Policies

## Dual Major or Concentration

The University permits an undergraduate student to pursue a second major. Students must meet with their academic advisor and declare their intent prior to completing 100 semester credit hours of a bachelor's degree program or prior to completing 45 semester credit hours of an associate's degree program. Requirements for both majors must be completed before receiving the degree. The student will receive one degree. Both majors will appear on the transcript. The degree awarded will be determined by the majors to which University requirements are applied.

Academics Policies

## Grading | Final Grades

Final grades are posted in the ECPI Student Portal following the completion of each term. Students receiving a failing grade may be required to meet with a Program Director or designee to develop an Academic Success Plan. This plan may include actions such as mandatory tutoring, periodic advising, or a reduced course load.

Once the grades are posted, they will become final on the last day of the following term's add/drop period, unless a student appeals the grade. See the Grade Policies-Grade Appeals section of this Catalog for information on appealing a final grade.

***Grade Reports of Dependent Students***. Parents or guardians of dependent students are an integral part of the enrollment process and subsequent educational process and success of their child/dependent. ECPI wants to maintain a relationship with parents and guardians while developing a supportive working relationship with the student, which will be important to the student's professional and personal growth and development. A dependent student may request that his/her grade reports be sent to his/her parents or guardians by submitting a written request to the Student Records Coordinator.

***Grade Reports of Independent Students***. Grade reports for independent students are available to the student only. However, an independent student may request that his/her grade reports be sent to his/her parents, guardians, or any other third party by submitting a written request to the Student Records Coordinator.

Back to Academics Policies > Grade Policies

Academics Policies

## Grading | Grade Appeals

A student who wishes to challenge a grade on a test/assignment or the final grade in a course must follow the steps outlined below to appeal the grade:

| STEPS TO CHALLENGE (APPEAL) A GRADE | |
|---|---|
| 1. | The student must first try to resolve the difference with the faculty member involved (online students should email the faculty member). If the faculty member agrees to the student's request, the faculty member will make the appropriate change in the grade book or submit a grade change through the Campus Director of Academic Affairs/Director of Nursing. If the student agrees with the faculty member's decision, the matter is considered resolved and no further action is taken. |
| 2. | If a satisfactory solution cannot be reached between the student and the faculty member, the student may submit a written grade appeal to their Program Director/Director of Nursing by the end of the add/drop period of the subsequent term. |
| 3. | Upon the determination of the Program Director/Director of Nursing, if a satisfactory solution is not reached, the student has a final appeal available through their Campus Director of Academic Affairs or his/her designee or Program Dean. This appeal must be filed within five calendar days of the Program Director's decision. The Campus Director of Academic Affairs or his/her designee or Program Dean will investigate the facts of the case and make a decision in writing regarding the grade within seven days of receiving the appeal. The decision of the Campus Director of Academic Affairs or his/her designee or Program Dean regarding a grade appeal is final. |

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Academics Policies

## Grading Scales

ECPI University uses the following Grade scales:

| LETTER GRADE | NUMERICAL GRADE | QUALITY POINTS |
|---|---|---|
| A | 93-100 | 4 |
| A- | 90-92 | 3.7 |
| B+ | 87-89 | 3.3 |
| B | 83-86 | 3.0 |
| B- | 80-82 | 2.7 |
| C+ | 77-79 | 2.3 |
| C | 73-76 | 2.0 |
| C- | 70-72 | 1.7 |
| D | 65-69 | 1.0 |
| F | 64 or below | 0 |

In addition, the following letter grade designations could apply*:

| LETTER GRADE | DESIGNATION | QUALITY POINTS |
|---|---|---|
| AS | Advanced Standing Credit | Not completed |
| AU | Audit Completed | Not completed |
| EC | Experiential Credit | Not completed |
| I | Incomplete | Not completed |
| ME | Military Experience Credit | Not completed |
| NP | Not Passed | Not completed |
| P | Passed | Not completed |
| T | Transfer Credit from Academic Institution | Not completed |
| TO | Tested Out | Not completed |
| W | Attempted/Withdrawal During Add/Drop | Not completed |
| WF | Attempted/Withdrawal Failed | 0 |
| WP | Attempted/Withdrawal Passed | Not completed |

***Any previous scale(s) are identified on the Transcript Key.**

For grading scale exceptions based on specific course or program requirements, see Grading Policies-Grade Requirements for Specific Courses or Programs

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Academics Policies

# Grade Policies-Graduate Programs

## Grade Policy - Graduate Programs

The grading policies and scale for graduate programs are identical to those for undergraduate programs, except as noted below.

A minimum score of 80 is required to pass graduate courses, except in the Master of Science in Physician Assistant program, where a minimum score of 73 is required. Grades earned below the applicable minimum passing score will be awarded an F. Students in graduate programs must maintain a cumulative grade point average (CGPA) of a 3.0 or better; students who fall below this requirement will be in SAP Warning status (see **Satisfactory Academic Progress (SAP) - Graduate Programs**). Students who receive two grades of F at any time during the program will be dismissed. A student must re-take a course for which a grade of F was earned. Even if the course is repeated, the original earned grade counts as one of those attempts and the student may not receive another grade of F.

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Academics Policies

# Grading | Incomplete Grades

Incomplete (“I”) grade may be assigned at the faculty member’s discretion to permit the student time to complete required coursework which s/he was prevented from completing in a timely manner due to mitigating circumstances. The faculty member may require the student to document the request to assist in the decision. The “I” grade should be considered only when the student has the potential to earn a passing grade if the missing work is made up.

To be eligible for an “I” grade, the student must have a passing grade in the course at the time of the request based upon the required coursework up to that point and must have completed at least 75 percent of the course work. All incomplete work must be completed within the first week of the following term; exceptions must be approved by the Campus Director of Academic Affairs or his/her designee. When the work is completed, the faculty member will submit a grade change form with the final grade earned. If the work is not completed within the prescribed time frame, the “I” will automatically change to a permanent “F” grade. The student will be informed of the final grade assigned.

For students who have been assigned a grade of incomplete for externship courses in the College of Health Sciences, all externship requirements must be completed within three weeks after the end of the term, or a grade of F will result. For all other programs, all externship requirements must be completed by the end of the following term, or a grade of F will result.

***Final grades***. Once the grades are posted, they will become final on the last day of the following term’s add/drop period, unless a student appeals the grade. See the Grade Report Appeals and Grade Report sections of this Catalog for information on appealing a final grade.

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Academics Policies

# Grading Policies-Grade Requirements for Specific Courses or Programs

## Grade Requirements for Specific Courses or Programs

| | |
|---|---|
| 1. | A score of 80 is required for courses with the following prefixes: **COR, BIO**, and **NUR** in the **Practical Nursing and Associate Degree Nursing programs**. Grades earned below the minimum of 80 in all the above courses will be awarded an F. |
| 2. | A score of 80 is required for **BIO** courses in the **Physical Therapy Assistant and Diagnostic Medical Sonography programs**. Grades earned below the minimum of 80 in BIO courses for these programs will be awarded an F. |
| 3. | A minimum score of 77 is required for courses with the following prefixes: **COR, BIO, and NUR** in the **BSN (Bachelor of Science in Nursing), the RN to BSN, and the Bachelor to BSN programs**. Grades earned below the minimum of 77 in all the above courses will earn an F. |
| 4. | A minimum score of 73 is required for courses with the following prefixes: **DEN (Dental Assisting), DMS (Diagnostic Medical Sonography), EMS (Emergency Medical Systems), HCA and LTC (Healthcare Administration), MED (Medical Assisting), RAD (Medical Radiography), PTA (Physical Therapist Assistant), and SUR (Surgical Technology) programs**. Grades earned below the minimum of 73 in all of the above courses will be awarded an F. |
| 5. | A minimum score of 70 is required for COR090 Career Orientation Seminar and COR191 Career Orientation in all programs offering these courses (including those listed in the grading scale exceptions above). |

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Academics Policies

# Withdrawal Grades

A student may withdraw without academic penalty from any course during the add/drop period of each term. The assigned grade of “W” is not included in the calculation of any grade point average. A student may withdraw after the add/drop period.  The grade of “WP” or “WF” will be assigned and is determined by the grade earned at the time of the student’s last date of attendance.

Back to Academic Policies > Grade Policies

Academics Policies

# Graduation Requirements

## Undergraduate Programs

To meet graduation requirements, undergraduate students must:

- Complete their part of the electronic Graduate Exit Interview;
- Comply with the Satisfactory Academic Progress Policy standards;
- Meet program attendance and residency requirements;
- Successfully complete all courses required for degree completion;
- Comply with the financial terms of enrollment; and
- Satisfactorily resolve any outstanding obligations on the student account or library account.

The University has the right to set or change all academic standards and students are required to meet those standards to be considered as successfully completing their program.

It is important that students confirm completion of all graduation requirements with the campus records office. Students should not assume they are graduating until they have completed all graduation requirements.

Digital degrees and diplomas are issued approximately three weeks after graduation requirements have been met.  Paper degrees and diplomas are mailed approximately six to eight weeks after completion of all graduation requirements.  For ordering final transcripts, please see the Transcripts section of this catalog.

Please see the Commencement section of this catalog for information regarding the commencement ceremony.

## Graduate Programs

To meet graduation requirements, students must:

- Complete their part of the electronic Graduate Exit Interview;
- Comply with the Satisfactory Academic Progress Policy standards with a CGPA of 3.0 or greater and have passed each course with a grade of B- or better;
- Meet program attendance and residency requirements;
- Successfully complete all courses and course hours required for degree completion;
- Achieve all applicable skill proficiencies;
- Comply with the financial terms of enrollment; and
- Satisfactorily resolve any outstanding obligations on the student account or library account.

Transcripts, degrees, and diplomas are processed approximately four to six weeks after completion of all graduation requirements.

Academics Policies

# Honor Code

The honor code at ECPI is based upon individual integrity. This code assumes that each student accepts his/her role in the academic community with a feeling of self-respect and duty.

***The Honor Code states***: I pledge to support the Honor Code of ECPI and will refrain from any form of academic dishonesty or deception, such as cheating or plagiarism. I am aware that as a member of the academic community it is my responsibility to turn in all suspected violators of the honor code. I understand that any failure on my part to support the Honor System will be turned over to a Judicial Review Board for review. I will report to a Judicial Review Board hearing if summoned.

Each student attending ECPI is required to sign the Honor Code as part of his/her Enrollment Certification. Therefore, it follows that work submitted by a student must be his/her own work. Suspected violations of the Honor Code should be reported either to the Academic Program Director, Campus Director of Academic Affairs, or the Campus President. If the Judicial Review Board (refer to the Catalog section that defines this board) determines that a violation of the Honor Code has occurred, the offending student will be disciplined, up to and including involuntary dismissal from the University.

Academics Policies

# Hybrid Delivery

See the Class Delivery Methods page.

Academics Policies

# Independent Study

Independent study is defined as a non-traditional format for learning. It is an option designed to meet the needs of a student who must complete a course that would not otherwise be offered during a specific term. An independent study course meets the same learning objectives as the traditional version of the course. A student may be scheduled for an independent study for a particular course if the student has no prior failures or withdraws for that particular course. Independent study is utilized only when no other course offerings are available or extenuating circumstances exist that would prohibit regular course completion.

Enrollment in an independent study course is subject to the approval of the Campus Director of Academic Affairs. Not all of the University's courses are available for independent study. It is recommended that the student have a CGPA of 3.0 or above to be eligible for an independent study.

Meetings with the faculty member are at the faculty member's discretion. Grading is as outlined in the course syllabus. Examination dates are on a schedule agreeable to both the faculty member and student. Independent study must be completed during the term in which it is scheduled. Independent study courses will meet the same learning objectives as traditional courses. A student may not receive an "I" grade for a course scheduled as an independent study.

Prerequisites for each course, as listed in this Catalog, must be successfully completed prior to enrollment in an independent study course. Textbooks and other support materials for a course scheduled as independent study are the same as described in the course syllabus.

## Graduate Program - Independent Study

Independent Study is not available to be used in graduate course delivery.

Academics Policies

# Late Assignments

The ECPI University Late Assignment Policy is intended to encourage timely completion of all assignments and responsible notice when circumstances prevent timely completion of assignments. If a student has a circumstance that prevents timely submission of an assignment (by the due date) and informs the instructor in advance, or soon after the submission due date, that a circumstance prevented them from submitting on time, the instructor may waive all late work penalties.

A student who has an approved absence or approved late assignment will have the opportunity to earn full credit. A reasonable deadline for completion of the late work will be established by the instructor. If time beyond the end of the term is required refer to the Grade Policies--Incomplete Grades for assigning Incomplete grades. For missed exams or scheduled tests refer to the Make-up Tests

***No late assignments from undocumented/unapproved absences will be accepted after the final day of the term.***

This late assignment policy only applies to assignments, activities, essays, quizzes, and exams; it does not apply to discussion forums.

**Late Assignment Penalty - Ground Classes**: Late assignments due to an undocumented/unapproved absence will lose 10 percent for each day the assignment is late. One "day" is considered the 24-hour period following the due date and time for the assignment. Each consecutive 24-hour period constitutes additional days.

| ASSIGNMENT DUE DATE | HIGHEST GRADE ASSIGNMENT MAY RECEIVE BEFORE FACULTY GRADING | |
|---|---|---|
| Class Period | 100% | |
| Within 24 hours of the end of the class period | 90% | |
| Subsequent 24 hours period | Additional 10% deduction | |

**Late Assignment Penalty - Online Classes**: Late penalties for students taking online classes are as follows:

| SUBMISSION DAY | HIGHEST GRADE ASSIGNMENT MAY RECEIVE BEFORE FACULTY GRADING | |
|---|---|---|
| Sunday by midnight (EST) | 100% | |
| Mon, Tues, Wed after Sunday due date | 90% | |
| Thurs, Fri, Sat after Sunday due date | 80% | |
| Sunday by midnight (EST) after prior Sunday due date | 70% (This is the maximum late penalty for any assignment) | |

### Program Specific Policies

Students in Health Science or Nursing programs should refer to their specific program handbook for their program's late assignment policy.

### Nursing - RN to BSN

Written assignments must be submitted on time. All assignments will be submitted electronically to the classroom assignment page established for the assignment. If the classroom server is down, students may submit the assignment to the faculty member‘s ecpi.edu email address by the deadline and later post the assignment to the assignment page.

Make-up examinations are at the sole discretion of the course faculty member and are discouraged.

### BS Radiologic Sciences

All assignments will be submitted electronically to the classroom assignment drop box established for the assignment. If the classroom server is down, students may submit the assignment to the faculty member’s ecpi.edu email address by the deadline and later post the assignment to the drop box.

Make-up examinations are at the sole discretion of the course faculty member and are discouraged.

Academics Policies

## Late Registration

Students seeking late entrance into a class must do so within the add/drop period of the term. The student is responsible for all work missed but will not receive attendance for days missed.

### Graduate Program - Late Registration

Late registration is not available for graduate courses.

Academics Policies

## Leave of Absence Policy

ECPI offers students who are in good standing the opportunity to request an academic leave of absence. The academic leave of absence is designed for the student who must temporarily suspend his/her academic endeavors at ECPI for one or more terms/semester but intends to return at a later date. Reasons for granting a leave of absence may include, but are not limited to, serious student medical problems, pregnancy, military duty, or the death or serious illness of an immediate family member. Students must submit requests for leaves of absence in writing to the Campus Student Records Coordinator or Student Success Coordinator. All requests must be approved. Leave of absence status must be requested before the beginning of the term for which the leave is desired. A leave of absence may extend until the next scheduled term or a longer period if approved by the University, up to a maximum of 180 days. If an additional leave of absence is approved, the combination of these leaves may not exceed 180 days within an academic year. If you are receiving Federal Direct Student loans, the enrollment status will be reported as a withdrawal; see your Financial Aid Advisor to discuss details. While on an approved leave of absence, the student retains the right to use certain campus facilities, such as the ECPI Library.

International students with an F-1 visa must consult ECPI’s PDSO prior to obtaining approval for any leave of absence.

Academics Policies

## Make-up Tests

Tests are typically announced in advance so that a student may prepare. Students must typically complete the required tests according to the stated schedule.

Students who miss an original (first administered) test for sufficient and documented reasons may arrange with the faculty member for that course to take a make-up test and receive full credit. Make-up tests will normally be given the day the student returns to school.

Examples of sufficient reasons include third-party written documentation of illness, medical, or dental emergencies, work schedule conflicts, military duty assignments, court appearances, funerals, or family emergencies. A make-up test is an examination of equal or greater difficulty given in a subject area. Only one make-up test will be allowed per course.

A student or faculty member may request an Academic Review Board review if special circumstances indicate that an exception to this make-up test policy warrants consideration.

Please see the College of Health Science program handbooks for specific program policies.

Academics Policies

## Online Delivery of Courses/Programs

See the Class Delivery Methods page.

Academics Policies

## Plagiarism Policy

***Purpose and Scope***. The purpose of the ECPI University Plagiarism Policy is to promote awareness and adherence to copyright and intellectual property law. Refer to https://www.copyright.gov/ for information on U.S. copyright law.

This policy applies to all students, faculty, and staff of ECPI and all intellectual property including but not limited to all written and electronic publications, ideas and inventions, verbiage, and phrasing.

***Definitions***. The following definitions apply to this policy.

***The Writer***. The Writer is defined as any student, faculty, or staff member to whom this policy applies. However, plagiarism is not limited to writers, per the definition of plagiarism and the scope of this policy. Examples of plagiarism other than through writing include but are not limited to software programs, hardware designs, schematics, multimedia, charts, graphs, tools, and other inventions.

***Plagiarism***. ECPI University defines plagiarism as presenting work or ideas from other sources as your own, regardless of how the work or ideas were obtained. This includes the language and thoughts of another author, materials generated by Artificial Intelligence (AI), and other sources.

Plagiarism occurs in, but is not limited to, situations when one or more of the following conditions apply:

- the writer uses exact words from a source but neglects to include quotation marks
- the writer paraphrases ideas from a source but neglects to cite the source using an acceptable documentation style such as APA (this includes AI)
- the writer copies someone else's work and presents it as his/her own
- the writer purchases documents, ideas, and/or verbiage and presents it as his/her own
- the writer fails to give credit to co-authors, team members, and/or editors of the writer's original work
- the writer uses previously published work protected under copyright and presents the work as original and not copyrighted elsewhere; or
- the writer fails to quote or paraphrase accurately but attributes the words and/or ideas to a source
- the writer attempts to document the source but does so incorrectly
- the writer attempts to give credit to an original source but does not use acceptable documentation methods
- the writer uses ideas, text, and/or verbiage without giving credit to the original source because the writer incorrectly believes the information is common knowledge
- the writer inadvertently fails to give credit to co-authors, team members, and/or editors of the writer's original work; or
- the writer inadvertently breaks copyright agreement of his/her own copyrighted work; or
- the writer submits written work for an assignment previously submitted in a different class

***Consequences of Violating Policies***. Violation of the University's plagiarism policy, whether the plagiarism is intentional or unintentional, may result in disciplinary action up to and including suspension from the University.

Disciplinary action may include initiation of a Judicial Review Board. For more information on ECPI's general disciplinary actions, see the sections entitled Termination Policy and Appeal Procedures and Academic and Judicial Review Boards in this Catalog.

***Resources and Prevention***. The University offers several resources, which vary by campus, for students, faculty, and staff who require information on plagiarism and documentation. These resources include:

- Seminars and training on citation style methods
- Writing Assistance Center handouts and workshops on avoidance of plagiarism
- Classroom instruction on documentation of sources
- Library recommended websites and sources on how to define and avoid plagiarism

***Artificial Intelligence***. The growth and development of Artificial Intelligence (AI), such as ChatGPT, presents opportunities and challenges for ECPI University students. AI provides ways to enhance learning but also has the potential to negatively impact the learning process. The University recognizes the potential benefits of AI in the learning process but also expects students to independently demonstrate specific skills, competencies, factual knowledge, and general cognitive development within their academic discipline through submission of assignments, exams, and other activities. Students are accountable for the accuracy, integrity, and originality of work (See Honor Code). The University's Plagiarism Policy establishes what constitutes the proper and improper use of resources, including AI, and the expectation to properly cite resources used by the student.

Academics Policies

# Prerequisites and Course Waiver/Substitution

A prerequisite course or a required course for a program may only be waived or substituted upon recommendation from the student's home campus and the approval of the appropriate Program Dean or designee. Documentation of the waiver/substitution including the Dean's approval must be filed in the student's academic record.

Academics Policies

# Prior Learning

Visit these pages to review the Prior Learning policies: Prior Learning and Transfer Policies and Procedures and Types of Prior Learning and Transfer Credit

Academics Policies

# Repeated Courses Undergraduate Programs

## Repeated foundational courses

Students who are required to take foundational courses (i.e., ENG099 Introduction to Writing, MTH099 Introduction to College Algebra, MTH090 Introduction to Mathematics) are required to successfully complete each course on the first attempt in order to progress in the program. A failure (WF or NP) on the first attempt will result in dismissal from the student's program. A student who is dismissed for failure to successfully pass a foundational course may reapply for readmission to the University through the Academic Review Board. If accepted for readmission, students must pass the foundational course on their second attempt. No additional attempts will be allowed for foundational courses.

## Repeated courses due to course withdraw or failure

A course may not be repeated more than once without approval of the Campus Director of Academic Affairs or designated academic official. Grades achieved in courses that are repeated due to course withdrawal (W, WP) or failure (F, WF) will replace previous withdrawal or failing grades in the CGPA calculation. A pattern of course repetitions could cause a student to fall below the minimum standard for satisfactory academic progress. A student who is approved to repeat a course due to a failing grade (F, WF) must successfully pass the course by the third attempt. After three failed attempts the student will be academically dismissed. When a course is repeated due to a failure, credits accrue only when the student attains a passing grade for that course. Additional tuition charges apply when a student repeats courses. Students who withdraw or earn a failing grade in a course should register for the same course in the subsequent term to improve his/her academic performance.

## Repeated course to improve a grade

A student may repeat a course to improve the grade and subsequently, his/her CGPA. In the case of repeated courses to improve a grade, only the highest grade earned will be calculated in the CGPA while all the credits attempted will be calculated in the ICR and Maximum Time Frame. Students are eligible for Financial Aid for only one repetition of a previously passed course.

Please see the College of Health Science program handbook for specific program policies concerning repeated courses.

## Computer and Information Science Certificate

A course may not be repeated more than once without approval of the designated academic official. Grades achieved in courses that are repeated due to course withdrawal (W, WP) or failure (F, WF) will replace previous withdrawal or failing grades. A student who is approved to repeat a course due to a failing grade (F, WF) must successfully pass the course by the third attempt. After three failed attempts the student will be academically dismissed (for appeal of academic dismissal, see Appealing an Academic Dismissal.

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Academics Policies

# Repeated Courses Graduate Programs

Students who have failed a course are eligible to repeat it once, as scheduling permits. A repeat may be approved by the Dean when it is satisfactorily determined that a student would benefit from repeating a class. When a failed course is repeated, only the grade in the repeated course counts in the student's cumulative grade point average and will appear on the student's transcript. Students in graduate programs are only permitted to repeat one failed course.

Students who repeat a course will be charged the current tuition for the course and must assume the responsibility for all associated fees. Repeating a course may interrupt the student's enrollment and may negatively impact financial aid eligibility and academic progress.

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Academics Policies

## Residency Requirement

ECPI University requires that a student complete a minimum of 25% of their program of study at the University in order to receive a degree or diploma. Courses taken on campus, via remote synchronous/distance learning, or online with ECPI all apply toward the 25% residency requirement. Any credit awarded from Prior Learning does not count toward the 25% residency requirement.

Academics Policies

## Satisfactory Academic Progress (SAP)

- Undergraduate Programs
- Graduate Programs
- BS to BSN (Florida)

Academics Policies

## Second Degree and Minimum Residency Requirements

The University will permit students to acquire a second undergraduate degree, provided that they:

- Pursue a different degree program;
- Meet all University admissions and departmental requirements;
- Complete a minimum of 25% of the new degree requirements beyond the requirements of the first degree; and
- Meet all degree requirements for the second degree.

Credits earned during the first degree may be applied, if deemed transferable to the second degree. A minimum of 150 credit hours is required for students earning two baccalaureate degrees.

Prior to undertaking the second degree, an academic official will conduct an evaluation of all previous university-level coursework the student has completed. Those who meet the admissions standards of the University will be admitted; however, this does not guarantee admission into specific degree programs where requirements may differ. The University, as a general rule, will not permit a student to pursue more than two associate and/or baccalaureate degrees.

Students wishing to earn a second major or concentration, rather than a second degree, should refer to the Dual Major or Concentration policy.

Academics Policies

## Student Orientation - Graduate Students

The University is committed to student success; therefore, new students are required to attend a mandatory two-part orientation. This orientation is designed to orient students to the University while providing information sessions on a range of topics relevant to graduate students such as the philosophy of graduate education, study habits, and research skills.

Academics Policies

## Transcripts

Students wishing to order transcripts may do so through Parchment Exchange (https://www.parchment.com/u/registration/27805632/institution). This service will allow secure and convenient ordering, processing, and tracking of transcript requests.  Due to federal privacy laws, a signed request is required to release a transcript.

All requests must include the required processing fees.  The following non-refundable fees apply to official transcript requests:

- Parchment electronic transcripts: $9.00 per transcript, 1 business day processing
- Parchment mailed transcripts: $9.00 per transcript plus shipping, 1 business day processing

Academics Policies

## Transferability of Credit

In the U.S. higher education system, transferability of credit is always determined by the receiving institution, taking into account such factors as course content, grades, and the school's accreditation and licensing. ECPI University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate's, baccalaureate, and master's degrees and diplomas. The Southern Association of Colleges and Schools Commission on Colleges is an accrediting agency recognized by the United States Department of Education. However, the fact that a school is accredited is not necessarily an indication that credits earned at that school will be accepted by another school.

Students considering continuing their education at or transferring to other institutions must not assume that credits earned at ECPI will be accepted by the receiving institution. An institution's accreditation does not guarantee that credits earned at that institution will be accepted for transfer by any other institution. A student who is considering a future transfer is encouraged to make contact with the receiving institution, as early as possible, to determine what ECPI credits, if any, the institution will accept.

The University offers several applied educational programs that include discipline-specific courses not designed for transfer to traditional baccalaureate or non-applied associate degree programs. These applied educational programs include the following: Associate Degree in Nursing; Diploma, Practical Nursing; Associate of Applied Science (AAS); Diagnostic Medical Sonography, AAS; Emergency Medical Services, AAS; Medical Radiography, AAS; Physical Therapist Assistant, AAS; Surgical Technology, AAS; Dental Assisting, AAS in Health Science; Medical Assisting, Diploma; Medical Assisting, AAS; Diploma, Culinary Arts; AAS, Culinary Arts and Applied Nutrition; AAS and Diploma, Baking and Pastry Arts; and Certificates, Food Service Financial Management and Food Service Leadership.

ECPI University does not imply, promise, or guarantee transferability of its credits to any other institution.

For information regarding the evaluation of prior learning credit, refer to Prior Learning and Transfer Policies and Procedures.

Academics Policies

## Withdrawal From a Course (BS to BSN - Orlando)

### Withdrawal From a Course - BS to BSN (Lake Mary, Orlando)

Please review the following which applies to the Orlando, Lake Mary campus only.

***Withdrawal from a course***. Students desiring to withdraw from the nursing program should consult their Advisor and the Dean/Chief Nursing Administrator prior to the withdrawal.

Students who withdraw (voluntarily or involuntarily) from a course after the drop/add period will be assigned the following grade(s):

- A “W” if before 50% of grading period is completed
- A “W” if passing at any point in the grading period
- An “F” if failing after 50% of grading period
- For clinical courses only, an “F” if the clinical is not successfully completed

Academics Policies

## Withdrawals from the University

The following definitions apply to the various types of withdrawals that ECPI uses in its policies:

***Academic Withdrawals***. See Satisfactory Academic Progress (SAP) in this catalog for information on academic withdrawals.

***Administrative Withdrawals***. A student who has not attended classes for more than 14 consecutive calendar days will be administratively withdrawn.

***Student-Initiated Withdrawals***. To officially withdraw from the University, the student must contact someone in Academic Administration to provide notification of his/her intent to withdraw. New students who withdraw from the University prior to the end of the first week of class will have no attempted courses shown on their academic records.

Students officially withdrawing from the University during week one of a term will receive a grade of W for all current courses if attendance is posted. Students officially withdrawing after the first week of the term will receive a grade of WP or WF, which is determined by the grade earned at the time of the withdrawal. A grade of F will be awarded for all courses dropped during week five.

***Withdrawals and Veterans Benefits***. The Veterans Administration will pay through the last day of attendance for a course from which the student withdraws. Veterans should consult with the Veterans Administration for more information.

***Tuition***. Students withdrawing from the University, who have completed the semester or payment period (per U.S. Department of Education regulations), are charged tuition and fees based on their enrollment status for the number of credits attempted in the semester they withdraw.

# Attendance Policies

**Navigate the program-specific attendance policies using the menu to the left**.

ECPI believes students should follow a policy of regular attendance and punctuality to receive the maximum benefit from an ECPI education and to develop the work habits and personal qualities highly valued by employers. Therefore, students are expected to attend all regularly scheduled class meetings. The student should attempt to notify the faculty member assigned to the course by telephone or email in advance of any anticipated absence. Faculty and staff may likewise contact the student if the student is absent.

On the first day of each course, the faculty member will provide students with the course syllabus and review relevant academic policies for the course including the attendance policy and any opportunities to make up missed assignments. Please see the Late Assignments and Make-up Tests section of this Catalog or the College of Health Science program handbook for specific program policies.

A student who has not attended a course for 14 consecutive calendar days will be withdrawn from the course. A student who has not attended all courses for which s/he is enrolled for 14 consecutive calendar days will be administratively withdrawn from the University. Students enrolled in programs in the College of Health Science should consult their program handbook for program specific course attendance policies. Additionally, faculty members may request an Academic Review Board for a student whose absences from class interfere with the student’s ability to meet course objectives. Action may result in the student being removed from the course, probation, or suspension. If a pattern of excessive absences is identified, an Academic Review Board review may be conducted.

## Late Arrivals and Early Departures

Students are encouraged to contact the faculty member for the course, by telephone or email, if the student anticipates being late for class. Being tardy is defined as student arrival after class attendance has been taken. Leaving prior to class dismissal is considered early departure. Students are not allowed to disrupt academic processes and, at the faculty member's discretion, admission to a class may be denied to tardy students until the next class break. Late arrivals and early departures may affect a student's record of attendance.

## Online Courses

Students taking online courses at ECPI University are expected to participate every week of the course. A variety of learning activities and assessments are required for successful completion of an online course. Activities may be graded or ungraded. Only attending faculty-led live sessions or submitting graded items are counted toward attendance. Activities which are graded may include posting to a graded discussion forum, submitting an assignment, quiz, or exam. Students should expect to academically participate in a course at least two times a week. Please note that certain course activities may be required but are not graded. For example, an ungraded Introduction discussion is required for certain courses but does not qualify for attendance because it is an ungraded activity. Earning attendance does not constitute earning a passing grade.

Online Class - Attendance in the online courses occurs from Monday 12:00 AM EST to Sunday at 11:59 PM EST. A student who does not earn attendance by Sunday of Week 1 (11:59 PM EST), will be unregistered from his/her course(s) for non-attendance.

In addition, students must meet ECPI's minimum attendance requirements. A student who has not attended a course for more than 14 consecutive calendar days will be withdrawn from the course. A student who has not attended all courses for which s/he is enrolled for more than 14 consecutive calendar days will be administratively withdrawn from the University.

## Hybrid Courses

Students taking hybrid courses are expected to attend class at a campus location at least one day per week, as outlined by the course schedule. Additional course attendance is earned by completing graded assignments online. These may include posting to a graded discussion forum or submitting an assignment, quiz, or exam. Please note that certain course activities may be required but are not graded; therefore, they do not qualify for earned attendance.

In addition, students must meet ECPI's minimum attendance requirements. A student who has not attended a course for 14 consecutive calendar days will be withdrawn from the course. A student who has not attended all courses for which s/he is enrolled for 14 consecutive calendar days will be administratively withdrawn from the University.

## Distance Learning Courses

Students taking distance learning courses are expected to appear on camera and respond when requested. Failure to appear on camera and respond when requested will result in missed attendance. Students taking distance learning courses are also expected to attend class at a campus location at a minimum of once per term as outlined by the course schedule. Some distance learning courses may require more frequent on campus attendance. In order for students to earn attendance for required on campus days, students must physically attend class on campus and complete the required on-campus check in process. Students who are unable to attend class on required on campus days should notify their Campus Director of Academic Affairs.

In addition, students must meet ECPI's minimum attendance requirements. A student who has not attended a course for 14 consecutive calendar days will be withdrawn from the course. A student who has not attended all courses for which s/he is enrolled for 14 consecutive calendar days will be administratively withdrawn from the University.

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Attendance Policies

## Graduate Student Attendance

The expectations at ECPI are similar to the workplace where employees are expected to arrive at work each day prepared to add value. As such, attendance and participation in the class is critical to success in the course and students are expected to attend each regularly scheduled session. If the student is absent, it is his/her responsibility to contact the faculty member and arrange for any make-up work assignments. Excessive absences may result in the termination of enrollment in a course and a grade will be assigned in accordance with the grading policies.

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Attendance Policies

## Dental Assisting | AAS Attendance

A detailed record of each student's 'attendance is maintained by the instructors and becomes a part of their permanent records. Every absence from class, no matter what the reason, is recorded and counted as such by the instructor, beginning with the first day of class. It is sometimes necessary for the school to give employment recommendations for a student. The employer often takes attendance into consideration. Students must attend class regularly. No call/no show to scheduled classes is not permitted. If, for any reason, an absence is necessary, day clinical students must call the school and the instructor no later than one hour before the scheduled start time. Students with course absences greater than 15 percent may have their records reviewed for purposes of possible probation, termination, or suspension. A student may be dropped from a course if the student is absent more than 20 percent of the scheduled course hours. Written assignments must be submitted on time. Tests and assignments must be made up on the student's first classroom day back to school after absence unless the student makes alternate arrangements with the instructor. Students will be allowed two tests/exam make-ups per course. The student receives the grade earned for the first make-up test/exam. The grade received for the second

makeup test/exam in the same course will be no higher than an 80%. No other make-up test/exam is permitted. A zero will be recorded for additional missed tests/exams in the same course. There are no make-up quizzes. Any late homework is the grade earned minus 10 points. All unit tests must be recorded prior to the final examination. Any student who does not take the make-up test/exam on the first day back will receive a zero for the test exam.

### Clinical Phase Absenteeism and Tardiness

Absenteeism on clinical days will not be tolerated. Students are expected to arrive at clinical rotation sites prepared to administer patient care. If a student is unable to perform required duties due to health or other reasons, the student should not attend clinical. If for any reason the student cannot attend the clinical rotation site, the student must talk to the assigned site point of contact (POC) no later than one hour before the scheduled start time. Emergency messages will be conveyed from Medical Careers Institute to the clinical site location. At no time should family or friends call the healthcare facility where the student is assigned. If more than two clinical days are missed, the student must report to the Program Director.

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Attendance Policies

## Diagnostic Medical Sonography | AAS Attendance

A detailed record of student attendance is maintained by the faculty and becomes a part of their permanent record. Every absence from class, no matter what the reason, is recorded and counted as such by the faculty, beginning with the first day of class. It is sometimes necessary for the College to give employment recommendations for a student. The employer often takes attendance into consideration.

Students must attend class regularly. No call/no show to scheduled classes is not permitted. If, for any reason, an absence is necessary, day clinical students must call the College and the instructor no later than one hour before the scheduled start time. Students with course absences greater than 15 percent may have their records reviewed for purposes of possible probation, termination, or suspension. A student may be dropped from a course if the student is absent more than 20 percent of the scheduled course hours.

Written assignments must be submitted on time. Tests and assignments must be made up on the student's first classroom day back to school after absence unless the student makes alternate arrangements with the instructor. Students will be allowed two tests/exam make-ups per course. The student receives the grade earned for the first make-up test/exam. The grade received for the second makeup test/exam in the same course will be no higher than an 80%. No other make-up test/exam is permitted. A zero will be recorded for additional missed tests/exams in the same course. There are no make-up quizzes. Any late homework is the grade earned minus 10 points. All unit tests must be recorded prior to the final examination. Any student who does not take the make-up test/exam on the first day back will receive a zero for the test exam.

### Clinical Phase Absenteeism and Tardiness

Absenteeism on clinical days will not be tolerated. Students are expected to arrive at clinical rotation sites prepared to administer patient care. If a student is unable to perform required duties due to health or other reasons, the student should not attend. If for any reason the student cannot attend on a scheduled clinical day, the student must talk to the assigned site point of contact (POC) no later than one hour before the scheduled start time. Emergency messages will be conveyed from the College to the clinical site location. At no time should family or friends call the health care facility where the student is assigned. If more than two clinical days are missed, the student must report to the Program Director and/or Clinical Coordinator.

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Attendance Policies

## Emergency Medical Services (EMS) | AAS Attendance

A detailed record of student attendance is maintained by the program and becomes a part of the permanent student record. Every absence is recorded and counted as such, beginning with the first scheduled class. There are no excused absences. Virginia EMS Regulations require students attend 85% of all scheduled class and lab sessions. If absences exceed 15% of the scheduled class sessions, the student is dropped from the program.

### Externship Phase Absenteeism and Tardiness

All clinical courses have minimum hour requirements and minimum clinical competency requirements. Both the minimum hours and the minimum clinical competencies must be met for successful course completion.

Students are expected to arrive for clinical rotations prepared to administer patient care and perform student responsibilities. If there is an emergency or illness resulting in a clinical absence, the student should notify the clinical site and the clinical coordinator prior to the start of the assigned shift. Any missed clinical time must be rescheduled with the Clinical Coordinator.

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Attendance Policies

## Medical Assisting | AAS Attendance

Detailed records of student attendance, including absences, are maintained by the faculty and are part of the student's official record. Attending every scheduled class period is not only crucial to mastering course objectives, but attendance records may also be reviewed by prospective employers.

Students should communicate with the instructor in the event of necessary absences. Students with course absences greater than 15 percent may have their records reviewed for possible probation. A student may be dropped from a course if the student is absent more than 20 percent of the scheduled course hours.

### Late Assignments

Assignments must be submitted by the due date assigned by the faculty member. A student who is absent will have the opportunity to make up missed assignments accordingly:

- Class Assignments: Class assignments can be submitted for full credit, provided they are submitted on the first day the student returns from absence.
- Homework: Homework assignments will be deducted 10 points.
- Tests/exams: Only two tests/exams can be made up for each course. Tests/exams must be made up on the first day the student returns from absence. The first make-up test/exam will be graded without penalty. The second make-up test/exam will have a maximum score of 80%. Any subsequent tests/exams missed will be issued a zero. All unit tests must be recorded prior to the final examination.
- Quizzes: Make-up quizzes are not permitted.

Attendance Policies

## Medical Radiography | AAS Attendance

A detailed record of student‘s attendance is maintained by the instructors and becomes a part of the student‘s permanent record. Every absence from class, regardless of the reason, is recorded and counted as such by the instructor, beginning with the first day of class. Sometimes, the school is asked to provide employment recommendations for students and/or graduates and the potential employer often considers the attendance record.

Students are required to attend class regularly and on time. Therefore, missing scheduled classes is unacceptable. If an absence or tardiness is unavoidable, a student must notify the school prior to the start of the scheduled class and in addition, if the course is a clinical education one, scheduled at a clinical affiliated site, the student must also notify the site prior to the scheduled time. All missed clinical time must be made up to assure completion of 1200 clinical hours.

Students with course absences greater than 15 percent of any radiography course may have their records reviewed for the purposes of possible probation, termination, or suspension. A student may be dropped from a course if the student is absent more than 20 percent of the scheduled course hours. Arrangements with the Clinical Instructor and the student, to reschedule any missed clinical time, must be made as soon as possible, to avoid any of the above-mentioned situations.

Written assignments must be submitted on time. Tests and assignments must be made up on the student‘s first classroom day back to school after an absence unless the student makes alternate arrangements with the instructor.

### Clinical Phase Absenteeism and Tardiness

Absenteeism on clinical days will not be tolerated. A student is expected to arrive at clinical, prepared to administer patient care and Radiography student responsibilities. If a student is unable to perform as such, due to health or other reasons, the student should not attend clinical and is required to inform the Radiology department and the campus faculty prior to the start of the assigned schedule.

All missed clinical time must be rescheduled with the Clinical Instructor of the department for approval. If more than two clinical days are missed, the student must report to the Program Director and/or Clinical Coordinator.

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Attendance Policies

## Nursing | ADN Attendance

A detailed record of students' attendance is maintained by the instructors and becomes a part of their permanent records. Every absence from class, no matter what the reason, is recorded and counted as such by the instructor, beginning with the first day of class. It is sometimes necessary for the school to give employment recommendations for a student. The employer often takes attendance into consideration.

Students must attend class regularly. If, for any reason, an absence is necessary, students must call the school and the instructor no later than one hour before the scheduled start time.

Students with course absences greater than 15 percent may have their records reviewed for purposes of possible probation, termination, or suspension. A student may be dropped from a course if the student is absent more than 20 percent of the scheduled course hours. Written assignments must be submitted on time. Tests and assignments must be made up on the student‘s first classroom day back to school after absence unless the student makes alternate arrangements with the instructor.

### ADN Clinical Phase Absenteeism and Tardiness

Absenteeism on clinical days will not be tolerated. A student is expected to arrive at clinical prepared to administer patient care. If a student is unable to perform required duties due to health or other reasons, the student should not attend clinical. If for any reason the student cannot attend the clinical, the student must talk to the assigned group instructor no later than one hour before the scheduled start time.

Emergency messages will be conveyed from the school to the clinical area. At no time should family or friends call the healthcare facility where the student is assigned. Students who are absent or tardy during their scheduled clinical/simulation hours must contact the Director of Nursing or designee, prior to attending their next scheduled class/clinical time.

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Attendance Policies

# Nursing | BS to BSN (Orlando) Attendance

## Class Time

It is an expectation that students attend all classes and all clinical experiences. The second-degree program is a full-time program, with students in class or clinical five days a week. Because of the high intensity of this program, outside employment is not recommended.

If a student is aware of the need to miss a class, he or she is to notify the faculty in advance, if possible. If a student misses a class, he or she is responsible for determining what materials were presented in the missed class and for making his or her own arrangements to obtain this information from available sources such as faculty, classmates, Moodle, or other on-line or reference sources.

ECPI University – Orlando faculty feel very strongly that it is important for students to attend all classes in order to achieve a full understanding of essential core content throughout the nursing curriculum. Attendance will be taken daily by the course faculty. Students who do not meet the attendance requirements, as stated by the course faculty, will be marked absent. Students who are absent for multiple class days will have points deducted from the final course grade as follows:

• Absent 1 day = no reduction in course grade

• Absent 2 days = 1 point

• Absent 3 days = 2 points

• Absent 4 days = 3 points

• Absent 5 days = 4 points

• Absent 6 days = 5 points

• Absent 7 days = 6 points

• Absent 8 days = 7 points

• Absent 9 days = 8 points

• Absent 10 days = 9 points

• Absent 11 days = 10 points

## Exams

If the student anticipates missing a scheduled exam, he or she needs to notify the instructor. A different version of the missed exam may be administered at the faculty's discretion.  Penalties for missing exams and quizzes will be applied as outlined in the course syllabi.

If the student anticipates missing a scheduled exam, he /she needs to notify the faculty member prior to the exam, unless it is an emergency situation without phone access. A five percent reduction will occur on any course make-up exam, while a ten percent reduction will occur on any make-up for a comprehensive final exam. For example, if a student scores a 93% on a course make-up exam, he/she will achieve an exam score of 88%.  If a student scores a 93% on a comprehensive final make-up exam, he/she will achieve an exam score of 83%.  If a student has missed an exam, another version of the exam is developed at the faculty member's discretion.

Students who miss an exam are not allowed to participate in the exam review for the missed exam. All make-up exams are scheduled during Week 12 and after final exams.

## Clinical/Laboratory Time

A critical component of the nursing curriculum is that students demonstrate clinical competency (meeting the clinical evaluation criteria, either on-site in a skills laboratory or off-site at a clinical site).

"Clinical Time" means the time spent on-site at a clinical site or in a skills laboratory, including all required experiences, pre -/post-conferences and observations outlined by faculty.

"Clinical Absence" means the time scheduled at a clinical site or in a skills lab that the student does not attend.

Clinical Time schedules may be adjusted from time to time. Notice of schedule changes will be given to students as soon as reasonably possible after a schedule change has been made.

**Attendance during the required amount of Clinical Time is mandatory in order to receive a passing grade. Accordingly, all Clinical Absences must be made up in accordance with the requirements set forth below, or the student will not be deemed to have passed the course:**

- Students must be making satisfactory progress toward all course competencies in order to be eligible to make up a Clinical Absence.
- Students may be able to make up a missed clinical day. However, if more than one clinical day, or more than 20% of Clinical Time (whichever is greater) in a course is missed, the student will receive a failing grade.
- Tardiness and early departures constitute a Clinical Absence, and the time missed due to tardiness or early departure must be made up. A student who arrives to clinical more than 10 minutes late will be dismissed for the day and will have to make up the clinical time.

- For purposes of measuring the 20% of Clinical Time missed limitation, all missed Clinical Absences will be accumulated without regard to previous makeup time. (For example, if a student has missed 5% of the Clinical Time, has made up that 5%, and then misses another 16% of Clinical Time, the student will have exceeded the 20% missed Clinical Time limitation and will not be permitted to make up additional time and will fail the course.)
- A student who has not previously exceeded the 20% of Clinical Time missed limitation will be eligible to withdraw and not receive a failing grade only (a) due to extenuating circumstances approved in advance by the Dean, or (b) in the event of a genuine medical emergency of the student or an immediate family member. [Vacations, weddings, funerals (other than those of immediate family members), child care or other family care giving obligations will not be considered to be extenuating circumstances.]
- Faculty and course coordinators have the right to determine the nature of the experience that will be required for any Clinical Time that must be made up.
- Direct patient care is typically required in clinical instruction. If faculty and clinical sites are available, the student must attend the makeup Clinical Time at the clinical site on the scheduled makeup day. If patient experiences are not available, alternative assignments will be offered for makeup time. Students are not guaranteed patient experiences for makeup Clinical Time.
- If makeup Clinical Time is scheduled at a clinical site, all students with missed Clinical Time will be required to make up the missed Clinical Time on the scheduled makeup day. A student who misses scheduled makeup day may not be able to be scheduled for a second makeup day, and therefore may fail the course. All clinical makeup time must be completed before the end of the term. Makeup Clinical Time may routinely be schedule for Week 12, after final exams. Accordingly, it may not be possible to make up Clinical Time missed near the end of the term.
- Makeup Clinical Time is coordinated by the lead instructor for each clinical course. Other faculty, including clinical adjunct faculty, are not authorized to schedule makeup Clinical Time. It is the responsibility of the student to notify the lead instructor of any clinical course regarding missed clinical Time. The student will then be notified of the scheduled makeup opportunity.
- If the makeup Clinical Time scheduled does not fall within the times that faculty is regularly scheduled at a clinical location, the student will be required to makeup Clinical Time. Makeup Clinical Time will be scheduled only to the extent that faculty and clinical space are available and there can be no assurance that makeup Clinical Time other than those scheduled by the college will be available.
- If there is an emergency or illness resulting in absence, the student should notify his or her assigned clinical instructor at least one hour prior to the start of the scheduled Clinical Time
- A student may be instructed to leave a clinical site if, if in the opinion of the clinical instructor or clinical supervisor, the student's tardiness, preparedness, or other conditions render the student incapable of providing safe patient care or having been tardy to the extent that it adversely affects the student's ability to achieve the intended educational objective of the clinical experience. In the event the student is instructed to leave the clinical site, the student will be deemed to have a Clinical Absence for portion of the scheduled Clinical Time missed.

Attendance Policies

# Nursing (BSN) Attendance

## Class Time

It is an expectation that students attend all classes, labs, simulation, and all clinical experiences. If a student is aware of the need to miss a class, he or she is to notify the faculty in advance, if possible. If a student misses a class, he or she is responsible for determining what materials were presented in the missed class and for making his or her own arrangements to obtain this information from available sources such as faculty, classmates, Canvas, or other on-line or reference sources.

A detailed record of student's attendance is maintained by the instructors and becomes a part of their permanent records. Every absence from class, no matter what the reason, is recorded and counted as such by the instructor. Students with course absences greater than 15 percent may have their records reviewed for purposed of possible probation, termination, or suspension. A student may be dropped from a course if the student is absent more than 20 percent of the scheduled course hours. Written assignments must be submitted on time. Tests must be made up on the student's first classroom day back to school after absence unless the student makes alternate arrangements with the instructor.

Absenteeism on clinical days will not be tolerated. A student is expected to arrive at clinical prepared to administer patient care. If a student is unable to perform required duties due to health or other reasons, the student should not attend clinical. If for any reason the student cannot attend the clinical, the student must talk to the assigned group instructor no later than one hour before the scheduled start time. No call, no show may result in failure of the course.

Students are encouraged to contact the faculty member for the course, by telephone or email, if the student anticipates being late for class. A late arrival of 10 minutes or more to any class during the first hour of the day will constitute a one hour absence. After that, absences are calculated in minutes, including leaving early. Leaving prior to class dismissal is considered early departure. Students are not allowed to disrupt academic processes and, at the faculty member's discretion, admission to a class may be denied to tardy students until the next class break.

## Clinical/Laboratory Time

A critical component of the nursing curriculum is that students demonstrate clinical competency (meeting the clinical evaluation criteria, either on-site in a simulation laboratory or off-site at a clinical site).

Clinical Time schedules may be adjusted from time to time. Notice of schedule changes will be given to students as soon as reasonably possible after a schedule change has been made.

Tardiness and early departures constitute a clinical absence. A student who arrives to clinical more than 10 minutes late will be dismissed for the day. If there is an emergency or illness resulting in absence, the student should notify his or her assigned clinical instructor at least one hour prior to the start of the scheduled clinical time.

A student may be instructed to leave a clinical site if, if in the opinion of the clinical instructor or clinical supervisor, the students tardiness, degree of preparedness, or other conditions render the student incapable of providing safe patient care. A student may also be instructed to leave a clinical site if tardy to the extent that it adversely affects the students' ability to achieve the intended educational objective of the clinical experience. In the event the student is instructed to leave the clinical site, the student will be deemed to have a Clinical Absence for the portion of the scheduled Clinical Time missed. ***Students must attend a minimum of 80 percent of class, clinical, or simulation/skills laboratory time each term to successfully meet course requirements.***

Students must be making satisfactory progress toward all course competencies in order to be eligible to make up a Clinical Absence.

Students may be able to make up a missed clinical day. However, if more than one clinical day, or more than 20% of Clinical Time (whichever is greater) in a course is missed, the student will receive a failing grade.

Tardiness and early departures constitute a Clinical Absence, and the time missed due to tardiness or early departure must be made up. A student who arrives to clinical more than 10 minutes late will be dismissed for the day and will have to make up the clinical time.

For purposes of measuring the Clinical Time missed limitation, all missed Clinical Absences will be accumulated without regard to previous makeup time. (For example, if a student has missed 5% of the Clinical Time, has made up that 5%, and then misses another 16% of Clinical Time, the student will have exceeded the 20% missed Clinical Time limitation and will not be permitted to make up additional time and will fail the course.)

A student who has not previously exceeded the 20% of Clinical Time missed limitation will be eligible to withdraw and not receive a failing grade only (a) due to extenuating circumstances approved in advance by the Program Director, or (b) in the event of a genuine medical emergency of the student or an immediate family member. [Vacations, weddings, funerals (other than those of immediate family members), childcare or other family care giving obligations will not be considered to be extenuating circumstances.]

Faculty and course coordinators have the right to determine the nature of the experience that will be required for any Clinical Time that must be made up.

Direct patient care is typically required in clinical instruction. If faculty and clinical sites are available, the student must attend the Makeup Clinical Time at the clinical site on the scheduled makeup day. If patient experiences are not available, alternative assignments will be offered for makeup time. Students are not guaranteed patient experiences for makeup Clinical Time.

If Makeup Clinical Time is scheduled at a clinical site, all students with missed Clinical Time will be required to make up the missed Clinical Time on the scheduled makeup day. A student who misses a scheduled makeup day may not be able to be scheduled for a second makeup day, and therefore may fail the course. All Makeup Clinical Time must be completed before the end of the term. Makeup Clinical Time may routinely be scheduled for Week 5. Accordingly, it may not be possible to make up Clinical Time missed near the end of the term.

Makeup Clinical Time is coordinated by the lead instructor for each clinical course. Other faculty, including clinical adjunct faculty, are not authorized to schedule makeup Clinical Time. It is the responsibility of the student to notify the lead instructor of any clinical course regarding missed Clinical Time. The student will then be notified of the scheduled makeup opportunity.

Makeup Clinical Time will be scheduled only to the extent that faculty and clinical space are available and there can be no assurance that makeup Clinical Time other than those scheduled by the University will be available.

**Virginia Campuses:** Note: All students must meet the Virginia Board of Nursing minimum requirement of 500 direct client care hours to graduate from the program.

Attendance Policies

# Nursing | MSN

## Nursing | MSN Attendance

The course syllabi provide further information on attendance and participation. The MSN program follows ECPI University's Graduate Attendance Policy.

The expectations at ECPI are similar to the workplace where employees are expected to arrive at work each day prepared to add value. As such, attendance and participation in the class is critical to success in the course and students are expected to attend each regularly scheduled session. If the student is absent, it is his/her responsibility to contact the faculty member and arrange for any make-up work assignments. Excessive absences may result in the termination of enrollment in a course and a grade will be assigned in accordance with the grading policies.

## Late Assignments and Testing

Guidance for late assignments and testing are located in the MSN Program Student Handbook located in the MSN Student Corner in Canvas.

Attendance Policies

# Nursing | PN Diploma Attendance

A detailed record of students' attendance is maintained by the instructors and becomes a part of their permanent records. Every absence from class, no matter what the reason, is recorded and counted as such by the instructor, beginning with the first day of class. It is sometimes necessary for the school to give employment recommendations for a student. The employer often takes attendance into consideration.

Students must attend class regularly. If, for any reason, an absence is necessary, day clinical students must call the school and the instructor no later than one hour before the scheduled start time. Students with course absences greater than 15 percent may have their records reviewed for purposes of possible probation, termination, or suspension. A student may be dropped from a course if the student is absent more than 20 percent of the scheduled course hours. Written assignments must be submitted on time. Tests must be made up on the student‘s first classroom day back to school after absence unless the student makes alternate arrangements with the instructor.

## PN Clinical Phase Absenteeism and Tardiness

Absenteeism on clinical days will not be tolerated. A student is expected to arrive at clinical prepared to administer patient care. If a student is unable to perform required duties due to health or other reasons, the student should not attend clinical. If for any reason the student cannot attend the clinical, the student must talk to the assigned group instructor no later than one hour before the scheduled start time.

Emergency messages will be conveyed from the school to the clinical area. At no time should family or friends call the healthcare facility where the student is assigned. Students who are absent or tardy during their scheduled clinical/simulation hours must contact the Director of Nursing or designee, prior to attending their next scheduled class/clinical time. Any additional absence or tardiness in the term may result in failure of the course and may jeopardize the student's ability to remain in the program. Absence from the clinical site on the first or last day of a rotation requires prior approval from the Director of Nursing.

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Attendance Policies

## Nursing | RN to BSN Attendance

Attendance and participation is required. The attendance policy requirements for online classes are documented in each individual course. For courses with a practical experience component, students will be required to attend scheduled experiences as described in their course syllabus. A student may be dropped from a course if the student is absent more than 20% of the scheduled total course hours (classroom and clinical).

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Attendance Policies

## Physical Therapist Assistant | AAS Attendance

A detailed record of student's attendance is maintained by the instructors and becomes a part of their permanent records. Every absence from class, no matter what the reason, is recorded and counted as such by the instructor, beginning with the first day of class. It is sometimes necessary for the school to give employment recommendations for a student. The employer often takes attendance into consideration.

Students are required to attend class regularly and on time. Therefore, missing scheduled classes is unacceptable. If an absence or tardiness is unavoidable, a student must notify the school prior to the start of the scheduled class and in addition, if the course is a clinical education one, scheduled at a clinical affiliated site, the student must also notify the site prior to the scheduled time. All missed clinical time must be made up.

Students with course absences greater than 15 percent of any course may have their records reviewed for the purposes of possible probation, termination, or suspension. A student may be dropped from a course if the student is absent more than 20 percent of the scheduled course hours. Arrangements with the Clinical Instructor and the student, to reschedule any missed clinical time, must be made as soon as possible, to avoid any of the above mentioned situations.

### Clinical Phase Absenteeism and Tardiness

Absenteeism on clinical days will not be tolerated. A student is expected to arrive at clinical prepared to administer patient care. If a student is unable to perform required duties due to health or other reasons, the student should not attend clinical. If for any reason the student cannot attend the clinical, the student must contact the Clinical Instructor and Director of Clinical Education no later than one hour before the scheduled start time.

Emergency messages will be conveyed from the school to the clinical area. At no time should family or friends call the healthcare facility where the student is assigned. If more than two clinical days are missed, the student must contact the PTA Program Director or Director of Clinical Education.

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# Arts and Sciences Curriculum

Arts and sciences coursework provides the foundational skills necessary for success in all fields; ECPI University places significant emphasis upon the Arts and Sciences core in each program offered. The Arts and Sciences component of the curricula at ECPI University has been designed with the intention of fulfilling the University's mission to "promote the enhancement of each student's professional and personal life through education." In order to prepare students for successful careers, the Arts and Sciences courses provide students with opportunities to demonstrate collegiate-level critical thinking and problem-solving skills. Additionally, these courses give students a firm foundation for lifelong learning in the sciences and the humanities. The faculty designed the Arts and Sciences curriculum so that it provides a rich context to the students' program-related studies.

Associate degrees require a minimum of 15 semester credit hours in the Arts and Sciences, while bachelor's degrees require a minimum of 30 semester hours. The credit hours required in the Arts and Sciences core for all degree programs include at least one course from each of the following areas: mathematics/natural science, humanities, and social/behavioral sciences.

The Arts and Sciences curriculum includes the following program-level outcomes:

Upon successful completion of the arts and sciences requirements, students will be able to:

- Exhibit effective oral and written communication
- Support conclusions with quantitative logical reasoning and research
- Support conclusions with qualitative logical reasoning and research
- Utilize self-reflection to foster self-awareness
- Demonstrate awareness of diverse perspectives in the global community

Arts and Sciences Curriculum

## Diploma Programs

The courses required in the Arts and Sciences core for all diploma programs cover topics in mathematics/ natural science, humanities, and social/behavioral sciences. Students pursuing a diploma are required to satisfy the requirements for each category, as designated by his/her degree program:

| | | |
|---|---|---|
| **CULINARY ARTS** | | |
| Mathematics | MTH120 College Mathematics College Mathematics | 3 semester credits |
| **MEDICAL ASSISTING** | | |
| Social/Behavioral Sciences | PSY105 - Missing course Introduction to Psychology | 3 semester credits |
| Natural Sciences | BIO101 Human Anatomy and Physiology I Human Anatomy & Physiology I<br>BIO104 Human Anatomy and Physiology II Human Anatomy & Physiology II | 6 semester credits |
| Communication | ENG110 College Composition College Composition | 3 semester credits |
| **PRACTICAL NURSING (VA AND SC)** | | |
| Social/Behavioral Sciences | PSY108 Normal Life Span Normal Life Span<br>PSY109 Introduction to Psychology Introduction to Psychology | 2.5 semester credits |
| Natural Sciences | BIO112 Anatomy and Physiology with Terminology I and BIO112L Anatomy and Physiology with Terminology I Lab Human Anatomy & Physiology w/ Terminology I and LAB<br>BIO117 Anatomy and Physiology with Terminology II and BIO117L Anatomy and Physiology with Terminology II Lab Human Anatomy & Physiology II w/ Terminology and LAB | 6 semester credits |
| Communication | ENG109 College Composition College Composition | 1.5 semester credits |
| **PRACTICAL NURSING (NC)** | | |
| Social/Behavioral Sciences | PSY106 Normal Life Span Normal Life Span<br>PSY111 Introduction to Psychology Introduction to Psychology | 2.5 semester credits |
| Natural Sciences | BIO114 Anatomy and Physiology with Terminology I and BIO114L Anatomy and Physiology with Terminology I Lab Human Anatomy & Physiology w/ Terminology I and LAB<br>BIO118 Anatomy and Physiology with Terminology II and BIO118L Anatomy and Physiology with Terminology II Lab Human Anatomy & Physiology II w/ Terminology and LAB | 6 semester credits |
| Communication | ENG114 College Composition College Composition | 1.5 semester credits |

Arts and Sciences Curriculum

## Associate of Science and Associate of Applied Science Degrees

The table below lists the required courses or course options for the Arts and Sciences core in each Associate degree program area. Some programs in the health sciences may require additional courses in anatomy and physiology. Some programs in engineering technology may require additional courses in mathematics.

| | | |
|---|---|---|
| **COMPUTER & INFORMATION SCIENCE** | | |
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/Behavioral Sciences | One of the following:<br>PSY105 - Missing course Introduction to Psychology<br>SOC100 Introduction to Sociology Introduction to Sociology<br>ECO201 Macroeconomics Macroeconomics<br>ECO202 Microeconomics Microeconomics | 3 semester credits |
| Mathematics | MTH131 College Algebra College Algebra | 3 semester credits |
| Communication | ENG110 College Composition College Composition<br>COM115 Principles of Communication Principles of Communication | 6 semester credits |

| | | |
|---|---|---|
| **CULINARY ARTS (BAKING & PASTRY ARTS, CULINARY ARTS, AND CULINARY ARTS AND APPLIED NUTRITION)** | | |
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/Behavioral Sciences | One of the following:<br>PSY105 - Missing course Introduction to Psychology<br>SOC100 Introduction to Sociology Introduction to Sociology<br>ECO201 Macroeconomics Macroeconomics<br>ECO202 Microeconomics Microeconomics | 3 semester credits |
| Mathematics | MTH120 College Mathematics College Mathematics OR<br>MTH131 College Algebra College Algebra | 3 semester credits |
| Communication | ENG110 College Composition College Composition<br>COM115 Principles of Communication Principles of Communication | 6 semester credits |
| **COMPUTER-AIDED DRAFTING AND DESIGN** | | |
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/Behavioral Sciences | One of the following:<br>PSY105 - Missing course Introduction to Psychology<br>SOC100 Introduction to Sociology Introduction to Sociology<br>ECO201 Macroeconomics Macroeconomics<br>ECO202 Microeconomics Microeconomics | 3 semester credits |
| Natural Sciences | PHY120 Physics and PHY120L Physics Lab Physics and Lab | 4 semester credits |
| Mathematics | MTH131 College Algebra College Algebra<br>MTH200 Pre-calculus Pre-calculus | 6 semester credits |
| Communication | ENG110 College Composition College Composition | 3 semester credits |
| **ELECTRONICS ENGINEERING TECHNOLOGY** | | |
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/Behavioral Sciences | One of the following:<br>PSY105 - Missing course Introduction to Psychology<br>SOC100 Introduction to Sociology Introduction to Sociology<br>ECO201 Macroeconomics Macroeconomics<br>ECO202 Microeconomics Microeconomics | 3 semester credits |
| Natural Sciences | PHY120 Physics and PHY120L Physics Lab Physics and Lab | 4 semester credits |
| Mathematics | MTH131 College Algebra College Algebra | 3 semester credits |
| Communication | ENG110 College Composition College Composition<br>COM115 Principles of Communication Principles of Communication | 6 semester credits |
| **MECHANICAL ENGINEERING TECHNOLOGY** | | |
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/Behavioral Sciences | One of the following:<br>PSY105 - Missing course Introduction to Psychology<br>SOC100 Introduction to Sociology Introduction to Sociology<br>ECO201 Macroeconomics Macroeconomics<br>ECO202 Microeconomics Microeconomics | 3 semester credits |
| Natural Sciences | PHY120 Physics and PHY120L Physics Lab Physics and Lab | 4 semester credits |
| Mathematics | MTH131 College Algebra College Algebra<br>MTH200 Pre-calculus Pre-calculus | 6 semester credits |
| Communication | ENG110 College Composition College Composition<br>COM115 Principles of Communication Principles of Communication | 6 semester credits |

| DENTAL ASSISTING, MEDICAL RADIOGRAPHY, AND MEDICAL ASSISTING | | |
|---|---|---|
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture and Diversity | 3 semester credits |
| Social/Behavioral Sciences | PSY105 - Missing course Introduction to Psychology | 3 semester credits |
| Natural Sciences | BIO101 Human Anatomy and Physiology I Human Anatomy & Physiology I<br>BIO104 Human Anatomy and Physiology II Human Anatomy & Physiology II | 6 semester credits |
| Mathematics | MTH120 College Mathematics College Mathematics OR<br>MTH131 College Algebra College Algebra | 3 semester credits |
| Communication | ENG110 College Composition College Composition<br>COM115 Principles of Communication Principles of Communication | 6 semester credits |

| EMERGENCY MEDICAL SERVICES AND SURGICAL TECHNOLOGY | | |
|---|---|---|
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/Behavioral Sciences | PSY105 - Missing course Introduction to Psychology | 3 semester credits |
| Natural Sciences | BIO101 Human Anatomy and Physiology I Human Anatomy & Physiology I<br>BIO104 Human Anatomy and Physiology II Human Anatomy & Physiology II | 6 semester credits |
| Mathematics | MTH120 College Mathematics College Mathematics OR<br>MTH131 College Algebra College Algebra | 3 semester credits |
| Communication | ENG110 College Composition College Composition | 3 semester credits<br>*(Surgical Technology)* |

| DIAGNOSTIC MEDICAL SONOGRAPHY, PHYSICAL THERAPIST ASSISTANT, AND ASSOCIATE DEGREE IN NURSING | | |
|---|---|---|
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/ Behavioral Sciences | PSY105 - Missing course Introduction to Psychology | 3 semester credits |
| Natural Sciences | PHY120 Physics and PHY120L Physics Lab Physics and LAB *(Diagnostic Medical Sonography only)*<br>BIO111 Anatomy and Physiology with Terminology I and BIO111L Anatomy and Physiology with Terminology I Lab Anatomy & Physiology I w/Terminology and LAB<br>BIO116 Anatomy and Physiology with Terminology II and BIO116L Anatomy and Physiology with Terminology II Lab Anatomy & Physiology II w/Terminology and LAB | 8 semester credits<br>*(Physical Therapist Assistant and Associate Degree in Nursing)*<br>12 semester credits *(Diagnostic Medical Sonography)* |
| Mathematics | MTH131 College Algebra College Algebra *(Physical Therapist Assistant and Associate Degree in Nursing only)* | 3 semester credits<br>*(Physical Therapist Assistant and Associate Degree in Nursing only)* |
| Communication | ENG110 College Composition College Composition | 3 semester credits |

Arts and Sciences Curriculum

## Bachelor of Science Degrees

The table below lists the required courses or course options for the Arts and Sciences core in each Bachelor of Science degree program area.

| COMPUTER & INFORMATION SCIENCE AND ORGANIZATIONAL LEADERSHIP | | |
|---|---|---|
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/Behavioral Sciences | Two of the following:<br>PSY105 - Missing course Introduction to Psychology<br>SOC100 Introduction to Sociology Introduction to Sociology<br>PSY225 Industrial/Organizational Psychology Industrial/Organizational Psychology<br>PSY220 Positive Psychology Positive Psychology<br>ECO201 Macroeconomics Macroeconomics<br>ECO202 Microeconomics Microeconomics | 6 semester credits |
| Natural Sciences | PHY120 Physics and PHY120L Physics Lab Physics and LAB<br>OR<br>BIO122 Environmental Biology and BIO122L Environmental Biology Lab Environmental Biology and LAB | 4 semester credits |
| Mathematics | MTH131 College Algebra College Algebra AND<br>One of the following:<br>MTH140 Statistics Statistics (required for BS CIS)<br>MTH200 Pre-calculus Pre-calculus | 6 semester credits |
| Communication | ENG110 College Composition College Composition<br>ENG120 Advanced Composition Advanced Composition<br>COM115 Principles of Communication Principles of Communication | 9 semester credits |
| Capstone | CAP480 Arts and Sciences Capstone Arts and Sciences Capstone | 3 semester credits |

| ELECTRONICS ENGINEERING TECHNOLOGY | | |
|---|---|---|
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/Behavioral Sciences | Two of the following:<br>PSY105 - Missing course Introduction to Psychology<br>SOC100 Introduction to Sociology Introduction to Sociology<br>PSY225 Industrial/Organizational Psychology Industrial/Organizational Psychology<br>PSY220 Positive Psychology Positive Psychology<br>ECO201 Macroeconomics Macroeconomics<br>ECO202 Microeconomics Microeconomics | 6 semester credits |
| Natural Sciences | PHY120 Physics and PHY120L Physics Lab Physics and LAB | 4 semester credits |
| Mathematics | MTH131 College Algebra College Algebra<br>MTH200 Pre-calculus Pre-calculus | 6 semester credits |
| Communication | ENG110 College Composition College Composition<br>ENG120 Advanced Composition Advanced Composition<br>COM115 Principles of Communication Principles of Communication | 9 semester credits |
| Capstone | CAP480 Arts and Sciences Capstone Arts and Sciences Capstone | 3 semester credits |

| ELECTRONIC SYSTEMS ENGINEERING TECHNOLOGY AND MECHANICAL ENGINEERING TECHNOLOGY | | |
|---|---|---|
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/Behavioral Sciences | Two of the following:<br>PSY105 - Missing course Introduction to Psychology<br>SOC100 Introduction to Sociology Introduction to Sociology<br>PSY225 Industrial/Organizational Psychology Industrial/Organizational Psychology<br>PSY220 Positive Psychology Positive Psychology<br>ECO201 Macroeconomics Macroeconomics<br>ECO202 Microeconomics Microeconomics | 6 semester credits |
| Natural Sciences | PHY120 Physics and PHY120L Physics Lab Physics and LAB | 4 semester credits |
| Mathematics | MTH131 College Algebra College Algebra<br>MTH200 Pre-calculus Pre-calculus<br>MTH220 Applied Calculus I Applied Calculus I<br>MTH320 Applied Calculus II Applied Calculus II | 12 semester credits |
| Communication | ENG110 College Composition College Composition<br>ENG120 Advanced Composition Advanced Composition<br>COM115 Principles of Communication Principles of Communication | 9 semester credits |
| Capstone | CAP480 Arts and Sciences Capstone Arts and Sciences Capstone | 3 semester credits |

| CRIMINAL JUSTICE | | |
|---|---|---|
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/Behavioral Sciences | Two of the following:<br>PSY105 - Missing course Introduction to Psychology<br>SOC100 Introduction to Sociology Introduction to Sociology<br>PSY225 Industrial/Organizational Psychology Industrial/Organizational Psychology<br>PSY220 Positive Psychology Positive Psychology<br>ECO201 Macroeconomics Macroeconomics<br>ECO202 Microeconomics Microeconomics | 6 semester credits |
| Natural Sciences | PHY120 Physics and PHY120L Physics Lab Physics and LAB<br>OR<br>BIO122 Environmental Biology and BIO122L Environmental Biology Lab Environmental Biology and LAB | 4 semester credits |
| Mathematics | MTH131 College Algebra College Algebra<br>MTH140 Statistics Statistics | 6 semester credits |
| Communication | ENG110 College Composition College Composition<br>ENG120 Advanced Composition Advanced Composition<br>COM115 Principles of Communication Principles of Communication | 9 semester credits |
| Capstone | CAP480 Arts and Sciences Capstone Arts and Sciences Capstone | 3 semester credits |

| BUSINESS ADMINISTRATION | | |
|---|---|---|
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/Behavioral Sciences | Two of the following:<br>PSY105 - Missing course Introduction to Psychology<br>SOC100 Introduction to Sociology Introduction to Sociology<br>PSY225 Industrial/Organizational Psychology Industrial/Organizational Psychology<br>PSY220 Positive Psychology Positive Psychology | 6 semester credits |
| Natural Sciences | PHY120 Physics and PHY120L Physics Lab Physics and LAB<br>OR<br>BIO122 Environmental Biology and BIO122L Environmental Biology Lab Environmental Biology and LAB | 4 semester credits |
| Mathematics | MTH131 College Algebra College Algebra AND<br>One of the following:<br>MTH140 Statistics Statistics<br>MTH200 Pre-calculus Pre-calculus | 6 semester credits |
| Communication | ENG110 College Composition College Composition<br>ENG120 Advanced Composition Advanced Composition<br>COM115 Principles of Communication Principles of Communication | 9 semester credits |
| Capstone | CAP480 Arts and Sciences Capstone Arts and Sciences Capstone | 3 semester credits |

| RADIOLOGIC SCIENCES* | | |
|---|---|---|
| Social/Behavioral Sciences | PSY300 Human Growth and Development Human Growth & Development | 3 semester credits |
| Mathematics | MTH131 College Algebra College Algebra<br>MTH140 Statistics Statistics | 6 semester credits |
| Communication | ENG120 Advanced Composition Advanced Composition | 3 semester credits |
| Capstone | CAP480 Arts and Sciences Capstone Arts and Sciences Capstone | 3 semester credits |

**The BS in Radiologic Sciences is a degree completion program. The program requires an additional 21 semester credits of Arts and Sciences prerequisite courses.*

| HEALTHCARE ADMINISTRATION | | |
|---|---|---|
| Humanities | HUM115 Reasoning and Analysis Reasoning & Analysis<br>HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 6 semester credits |
| Social/Behavioral Sciences | PSY105 - Missing course Introduction to Psychology<br>SOC100 Introduction to Sociology Introduction to Sociology<br>ECO201 Macroeconomics Macroeconomics<br>ECO202 Microeconomics Microeconomics | 12 semester credits |
| Mathematics | MTH131 College Algebra College Algebra<br>MTH140 Statistics Statistics | 6 semester credits |
| Communication | ENG110 College Composition College Composition<br>ENG120 Advanced Composition Advanced Composition<br>COM115 Principles of Communication Principles of Communication | 9 semester credits |
| Capstone | CAP480 Arts and Sciences Capstone Arts and Sciences Capstone | 3 semester credits |

| NURSING, BACHELOR OF SCIENCE (TRADITIONAL TRACK) | | |
|---|---|---|
| Humanities | HUM205 Culture, Thought, and the Human Experience Culture, Thought, and the Human Experience | 3 semester credits |
| Social/Behavioral Sciences | PSY105 - Missing course Introduction to Psychology<br>PSY300 Human Growth and Development Human Growth & Development | 6 semester credits |
| Natural Sciences | BIO111 Anatomy and Physiology with Terminology I and BIO111L Anatomy and Physiology with Terminology I Lab Anatomy & Physiology I w/Terminology and LAB<br>BIO116 Anatomy and Physiology with Terminology II and BIO116L Anatomy and Physiology with Terminology II Lab Anatomy & Physiology II w/Terminology and LAB | 8 semester credits |
| Mathematics | MTH131 College Algebra College Algebra<br>MTH140 Statistics Statistics | 6 semester credits |
| Communication | ENG110 College Composition College Composition<br>ENG120 Advanced Composition Advanced Composition<br>COM115 Principles of Communication Principles of Communication | 9 semester credits |
| Capstone | CAP480 Arts and Sciences Capstone Arts and Sciences Capstone | 3 semester credits |

| NURSING, RN TO BSN* | | |
|---|---|---|
| Social/Behavioral Sciences | SOC100 Introduction to Sociology Introduction to Sociology<br>PSY300 Human Growth and Development Human Growth & Development | 6 semester credits |
| Mathematics | MTH140 Statistics Statistics | 3 semester credits |
| Communication | ENG120 Advanced Composition Advanced Composition<br>COM115 Principles of Communication Principles of Communication | 6 semester credits |
| Capstone | CAP480 Arts and Sciences Capstone Arts and Sciences Capstone | 3 semester credits |

**The RN to BSN is a degree completion program. The program requires an additional 20 semester credits of Arts and Sciences prerequisite courses.*

| FOOD SERVICE MANAGEMENT* | | |
|---|---|---|
| Social/Behavioral Sciences | ECO201 Macroeconomics Macroeconomics | 3 semester credits |
| Mathematics | MTH131 College Algebra College Algebra<br>MTH140 Statistics Statistics | 6 semester credits |
| Communication | ENG120 Advanced Composition Advanced Composition | 3 semester credits |
| Capstone | CAP480 Arts and Sciences Capstone Arts and Sciences Capstone | 3 semester credits |

**The BS Food Service Management is a degree completion program. The program requires an additional 15 semester credits of Arts and Sciences courses.*

### Self-Integration courses

In addition to the listed courses, students enroll in additional courses designed to help them learn valuable research skills, become more technically literate, and initiate successful career searches.

Most programs require an orientation course to assist students in becoming familiar with the learning resources available to them at ECPI. They may also take other computer science courses to help them become proficient at using the technologies available to them at school and at work. Throughout their program, students learn a variety of professional skills, including how to complete an interview process successfully and how to prepare effective resumes. Most students also take a Career Orientation course to reinforce these skills.

# Degree and Certification Overviews

## Associate of Science and Associate of Applied Science Degrees

The associate degree programs consist of arts and science courses, core program courses, concentration courses, and electives. Arts and sciences courses teach students the essential elements of communication, mathematics, humanities, and the social sciences. Courses in the core program area and concentration courses prepare students with theory, skills, and specific outcomes necessary for success in their chosen career fields. Electives provide the student with an opportunity to concentrate on learning advanced techniques. Most programs offer externship opportunities for academic credit.

The Associate of Science is considered an academic degree and some students who earn an Associate of Science choose to continue their education in a bachelor's degree program. In South Carolina, the Associate of Applied Science in the technology fields are consistent, in content, with Associate of Science degrees offered in Virginia and North Carolina; however, due to state regulations, the degree conferred in these technology programs is the Associate of Applied Science. The Associate of Applied Science degree programs in all health science fields are considered terminal degrees without opportunity for transfer credit; however, students may enter bachelor's degrees with advanced standing for their earned work at the associate's level. The associate degree programs prepare graduates for careers as practitioners in their respective fields.

## Bachelor of Science Degrees

The Bachelor of Science degree and programs consist of arts and science courses, core program courses, concentration courses, and electives. Arts and sciences courses teach students the essential elements of communication, mathematics, humanities, and the social sciences. Courses in the core program area and concentration courses prepare students with theory, skills, and specific outcomes necessary for success in their chosen career fields. Electives provide the student with an opportunity to concentrate on learning advanced techniques. Most programs offer externship opportunities for academic credit. The Bachelor of Science programs prepare graduates for entry-level careers as practitioners and managers in their respective fields.

## Masters Degrees

The Master of Science degree program provides students with problem-solving, decision-making skills, and strategic planning skills for the contemporary, global business world. Our curriculum is designed to bridge the gap between theory and practical application. Each graduate will possess a holistic technical education that facilitates entry into higher-level leadership and management positions commensurate with a technical lead, project and operations manager, or clinical/education director. Technical skills emphasized by the programs include data and information management systems related to the discipline, research analysis, and application in a results-driven environment, information assurance, systems security best practices, and use of virtualization and simulation technologies.

The Master of Business Administration (MBA) program equips students with advanced leadership, strategic thinking, and decision-making skills essential for navigating today's business environment. Our curriculum integrates theoretical knowledge with practical applications, fostering a comprehensive understanding of business functions and leadership dynamics. Graduates will be exposed to the business concepts needed by managerial roles across various sectors, including management, consulting, finance, marketing, and entrepreneurship. The program emphasizes critical competencies such as financial analysis, strategic marketing, organizational behavior, business ethics, data-driven decision-making, and operations management, while also covering emerging areas like digital transformation, innovation, and supply chain management. The MBA develops leaders ready to adapt to and thrive in an evolving business landscape, driving sustainable growth and success.

## Diplomas

Diploma programs offer those who are already working in an industry the opportunity to broaden and deepen their skills or learn basic skills needed to change careers. These students may be scheduled for courses with degree-seeking students in their respective program areas. Diploma programs do not include arts and sciences.

## Certifications

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. This may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

# Prior Learning and Transfer Policies and Procedures



## Prior Learning and Transfer Policies and Procedures

ECPI University recognizes and welcomes students that arrive at our institution with diverse backgrounds and varied prior learning experiences. Undergraduate students may transfer up to 75% of the total credits required for their degree program from all combined sources. A maximum of 25% may be earned through ECPI Prior Learning Portfolio Assessment and Challenge Exams. Students must complete at least 25% of their program at ECPI University to be awarded a degree or diploma. Students should review the policies and procedures outlined in this section including any relevant program-specific policies and the standards for each type of prior learning.

ECPI University does not guarantee acceptance of credits from or to other institutions and evaluates credit based on standards set and approved by academic program leadership. Only official transcripts are considered for transfer credit. All official transcripts must be received and all prior learning credit must be approved before the end of the student's first semester. Exceptions may be made to this deadline under extenuating circumstances. Active students may not enroll in courses outside ECPI University for the purpose of transferring credits.



# Prior Learning and Transfer Policies

ECPI University awards transfer credit and advanced standing based on individual course content, specific degree program requirements and University academic standards. Credit that is awarded as transfer credit or advanced standing credit to a student's degree program is applied toward degree completion and as such, students cannot receive duplicate transfer credit for more than one external course that is equated to the same course or curriculum requirement at ECPI. In this instance, credit will only be awarded for the eligible course(s). Developmental or remedial courses are not eligible for transfer. Advanced Standing may be granted for prior coursework, qualifying professional training, or industry-standard certification exams deemed equivalent in content and scope to courses offered at the University. The University reserves the right to require successful completion of an assessment administered by ECPI faculty before awarding transfer credit or advanced standing. Students are responsible for reviewing the policy guidelines and evaluation criteria for each type of prior learning or transfer credit they intend to pursue to ensure alignment with their academic goals and program requirements. Students who have earned prior ECPI University credit should consult the Readmission and Reentry Transfer Policies or Change of Program, Dual Major and Second Degree Transfer Policies.

Students pursuing graduate degree programs or health science programs through ECPI University's College of Health Sciences should refer to the Graduate Programs Transfer Policies and Program-Specific Transfer Policies for additional requirements.

Transfer and Advanced Academic Standing credits are counted as both hours attempted and hours completed within the Satisfactory Academic Progress Policy. Transfer credit does not hold any qualitative points, therefore transfer credit is not included in the calculation of the grade-point average for the purpose of determining a student's CGPA or meeting the CGPA requirement of the Satisfactory Academic Progress Policy.

## Financial Aid Implications of Transfer Credit

Students who are eligible to receive Prior Learning and Transfer Credit may experience one or more terms in which the student's status, for the purposes of financial aid, may change, and the corresponding amount of financial aid may be reduced due to the decreased number of hours scheduled. Students should discuss the potential financial aid implications of Prior Learning and Transfer Credit with a financial aid advisor.

## Veterans Administration Benefits

ECPI University campuses are approved for training of veterans and eligible veterans' dependents. Each student who is eligible for and desires to receive veterans' educational benefits must provide ECPI with the student's military discharge document DD214 or Certificate of Eligibility prior to their first scheduled class. Students receiving veteran's benefits have the responsibility to provide official transcripts from all previously attended post-secondary institutions for the evaluation of transfer credit within their first semester. Classes determined to be eligible for transfer from previous institutions are ineligible for certification. Students receiving veterans' benefits will be responsible for any costs associated with completing a course determined to be ineligible for certification. Applicants should contact each campus directly for further information.

The University maintains a written record of prior education and/or training of veterans and eligible persons. Appropriate credit will be granted for prior education and/or training, with the current education/training period shortened proportionately. The University notifies the student regarding the credit granted and the amount of time the education/training period has been decreased according to the amount of credits awarded. The prior learning credit evaluation is made available to the Department of Veterans Affairs, upon request.



# Prior Learning and Transfer Procedure

Applicants should discuss all prior experience and training with an advisor during the Admissions Interview. During enrollment, applicants will complete a Request for Official Transcript form for each previously attended institution and are encouraged to submit all relevant prior learning documentation for review. While the University will assist with obtaining transcripts from institutions that allow third-party requests, applicants are responsible for ensuring the University's receipt of official transcripts within a student's first semester and any related fees required by the issuing institutions. Official transcripts are required for the evaluation and application of transfer credit toward a student's degree program and all official transcripts must be received within the student's first semester; otherwise, transfer credit will not be awarded. Under extenuating circumstances, an exception to the timeline may be granted. Transcripts submitted by students, third parties, or those listed as transfer credits from another institution are not considered official.

Once official transcripts are received, the University will complete an evaluation and notify the applicant through a Transfer Credit Evaluation notification. If transfer credit is awarded, credit is posted to the student's official record accordingly, which may shorten the program length.



# Program-Specific Transfer Policies

Outlined below are additional program-specific policies governing the awarding of transfer credit in the designated programs. Students considering admission to any of the programs listed are encouraged to review these policies carefully to ensure a clear understanding of the applicable requirements.

## MSHA

A maximum of six graduate credit hours completed in the last six years with a B or higher may be transferred in from a prior Master's degree in a health-related field.

MHA course content is planned in a sequential manner so that each course builds upon previous course content. Students must complete all courses sequentially as outlined in the syllabi. The numerical grade of 80 (B-) is the minimum passing grade for the course. Students who fail or drop a core course while in the MHA program may continue with their cohort; however, they will not be able to enter the focus track courses until they successfully complete the failed or dropped course. Focus track courses must be taken in sequence. All core and selected focus track courses must be completed prior to taking the Capstone Course.

All graduate courses require a B- or better to be considered applicable toward degree completion and students must maintain a cumulative grade point average (CGPA) of a 3.0 or better to remain enrolled in the program. Students who receive two grades of F, at any time during the program, will be dismissed. A student must re-take a course for which a grade of F was earned.

## ADN

Transfer of Credit Procedure for BIO111 , BIO111L and BIO116 , BIO116L . The University will consider coursework for transfer of BIO111 , BIO111L (4 credits) and BIO116 , BIO116L (4 credits) courses in which the student achieved a B- or better as the final grade, that were completed within the past seven calendar years, and that are established to be equivalent in content and objectives to courses offered at the University.

Coursework for Licensed Practical Nurses. The University will consider prior coursework from current licensed practical nurses in accordance with the Transfer of Credit policies outlined in the University Catalog for courses in which the student achieved a B or better as the final grade and were completed within the past five calendar years. The program will determine the comparability to course learning objectives.

## BSN

Transfer of Credit Procedure for BIO111 , BIO111L and BIO116 , BIO116L . The University will consider coursework for transfer of BIO111 , BIO111L (4 credits) and BIO116 , BIO116L (4 credits) courses in which the student achieved a B- or better as the final grade, that were completed within the past seven calendar years, and that are established to be equivalent in content and objectives to courses offered at the University.

## BSBSN

Transfer credits will be evaluated according to ECPI University's transfer credit policy, as modified by the stipulations described in the admissions requirements for the Bachelor of Science in Nursing program. The requirements for prerequisite courses must be satisfied, as outlined in the BS to BSN Admissions Requirements.

## MSN-FNP and MSN-NE

A maximum of six graduate credit hours with a B or higher may be transferred from a prior master's degree program in nursing. For the MSN program (all concentrations), prerequisite courses and courses considered for transfer credit should have a final course grade of B or higher with these limitations:

- Specialty Core (3 P's): Coursework will be considered within six years of the program completion date.
- MSN Degree Major Courses: Coursework will be considered within six years of the program completion.
- Clinical (Practicum) Transfer Credits (All concentrations): Clinical hours may not be transferred into the MSN degree concentrations.

## DPN

The University will consider coursework for transfer for the BIO112 , BIO112L (3 credits), BIO114 , BIO114L (3 credits), BIO117 , BIO117L (3 credits), and BIO118 , BIO118L (3 credits) courses in which the student achieved a B- or better as the final grade, that was completed within the past seven calendar years, and that is established to be equivalent in content and objectives to courses offered in the Practical Nursing Program.

## AASPTA and AASDMS

Transfer of Credit Procedure for BIO111 , BIO111L and BIO116 , BIO116L . The University will consider coursework for transfer of BIO111 , BIO111L (4 credits) and BIO116 , BIO116L (4 credits) courses in which the student achieved a B- or better as the final grade, that were completed within the past seven calendar years, and that are established to be equivalent in content and objectives to courses offered at the University. Applicants who have completed a bachelor's degree from an accredited institution, that includes coursework in the sciences (e.g., biology, chemistry, physics, kinesiology or related disciplines) may have the coursework reviewed without timeframe limitations.

## AASDA, AASMA, AASMR, AASST, and AASEMS

Transfer of Credit Procedure for BIO101 and BIO104 . The University will consider coursework for transfer of BIO101 and BIO104 (3 credits each) courses in which the student achieved a C or better as the final grade, that were completed within the past seven calendar years, and that are established to be equivalent in content and objectives to courses offered at the University. Applicants who have completed a bachelor's degree from an accredited institution, that includes coursework in the sciences (e.g., biology, chemistry, physics, kinesiology or related disciplines) may have the coursework reviewed without timeframe limitations.

## Graduate Programs Transfer Policies

A maximum of six semester credit hours, or the equivalent, may be applied as transfer credit toward ECPI University's graduate degree programs. Transfer credit may be awarded for coursework completed at institutions that are either regionally or nationally accredited and recognized by the Council for Higher Education Accreditation (CHEA), or at other accredited institutions approved on a case-by-case basis. Previously earned academic credit is eligible for transfer provided it meets the following criteria: a minimum grade of B or higher (3.0 on a 4.0 scale); relevance to the required courses within the student's program of study; substantial equivalence in content and credit hours; and completion within the past ten calendar years. Students pursuing graduate degree programs in health science or nursing through ECPI University's College of Health Sciences should refer to the program-specific transfer policies for additional requirements.



## Readmission and Reentry Transfer Policies

Students with an absence of more than six months are required to re-enter the program or curriculum in effect at the time of readmission. Students who withdraw prior to graduation may re-enter ECPI University within five years (two years for nursing, physical therapist assistant, and medical radiography students) and retain full academic credit, provided the coursework remains applicable to the current program.

ECPI coursework may be applied if it meets the following criteria: a passing grade of D or higher was earned; the coursework is applicable to the student's current program requirements; the content and credit hours are substantially equivalent; and the coursework was completed within the past ten calendar years. Program-specific grade or time limitations may also apply. General education or arts and sciences courses may be exempt from the time limitation. All ECPI courses, whether successfully or unsuccessfully completed, that apply to the program or curriculum in effect at the time of readmission will impact the student's Cumulative Grade Point Average (CGPA), Incremental Completion Rate (ICR), and Maximum Time Frame (MTF). In certain cases, Advanced Standing credit may be awarded based on prior coursework that demonstrates learning outcomes substantially equivalent in content and scope to current program requirements. The University reserves the right to require successful completion of an assessment administered by ECPI faculty before awarding transfer credit or advanced standing.

Credits earned at other institutions will be evaluated at the time of readmission or reentry based on the program or curriculum in effect and in accordance with the policies outlined in the Types of Prior Learning and Transfer section. Returning students who previously completed clinical courses may be required to demonstrate competency through clinical evaluations. Students pursuing graduate or health sciences programs should consult the Graduate Programs Transfer Policies and Program-Specific Transfer Policies for further details.



## Change of Program, Dual Major and Second Degree Transfer Policies

Students approved to change their program, pursue an additional degree, or add a dual major are required to sign a new Program Enrollment Agreement. They will enter the program or curriculum in effect at the time of enrollment. Prior ECPI coursework and external transcripts will be evaluated as part of this curricular transition.

ECPI coursework may be applied if it meets the following criteria: a passing grade of D or higher was earned; the coursework is applicable to the student's current program requirements; the content and credit hours are substantially equivalent; and the coursework was completed within the past ten calendar years. Program-specific grade or time limitations may also apply. General education or arts and sciences courses may be exempt from the time limitation. All ECPI courses, whether successfully or unsuccessfully completed, that apply to the current program or curriculum will impact the student's Cumulative Grade Point Average (CGPA), Incremental Completion Rate (ICR), and Maximum Time Frame (MTF). In certain cases, Advanced Standing credit may be awarded based on prior coursework that demonstrates learning outcomes substantially equivalent in content and scope to current program requirements. The University reserves the right to require successful completion of an assessment administered by ECPI faculty before awarding transfer credit or advanced standing.

Credits earned at other institutions will be evaluated at the time of enrollment based on the current program or curriculum and in accordance with the Types of Prior Learning and Transfer policies. Students pursuing graduate or health sciences programs should consult the Graduate Programs Transfer Policies and Program-Specific Transfer Policies for further details.

Students pursuing a program change, additional degree, or dual major should also review the Change of Program, Dual Major or Concentration, and Second Degree and Minimum Residency Requirements policies for further guidance.

# Types of Prior Learning and Transfer Credit



# Types of Prior Learning and Transfer Credit

Welcome to the Types of Prior Learning and Transfer Credit page. This section discusses the types of prior learning and transfer credit that are accepted by ECPI University.



# College and University Credit

Official transcripts from the issuing institution are required for the evaluation and application of college and university credit toward a student's degree program. Transfer credit or advanced standing credit may be awarded for prior coursework from regionally or nationally accredited institutions recognized by the Council for Higher Education Accreditation (CHEA) and other accredited institutions that are approved on a case-by-case basis.

Previously earned college and university credit is awarded as transfer credit provided that it meets the following criteria: a grade of C or higher (2.0 on a 4.0 scale), applicable to the required courses in the student's program, substantial equivalence in content and credit hours, and completion within the past ten calendar years. General education or arts and sciences courses may be exempt from the time limitation. Credits earned at institutions using quarter or other non-semester units will be converted to semester credits for evaluation. Courses graded on alternate scales may be accepted with documentation verifying equivalence to a 2.0 GPA. Program-specific grade or timeframe parameters in addition to those listed above may apply. Students pursuing graduate degrees or health science programs should refer to the program-specific transfer policies for more information.

Advanced standing may be granted for prior coursework that demonstrates learning outcomes substantially equivalent to ECPI University courses. The University reserves the right to require successful completion of an assessment administered by ECPI faculty before awarding transfer credit or advanced standing.



# Advanced Placement Exams (AP)

Official AP exam transcripts from College Board are required for the evaluation and awarding of college credit based on AP exam scores. A minimum score of 3 is required for credit on all AP exams. General education or arts and sciences courses may be exempt from the time limitation, programmatic coursework must be completed within the past ten calendar years to be eligible for transfer.

## AP Exams and ECPI Equivalent Course/Credits

*Art History* / **HUMCORE2** (3 semester credits)

*Biology* / **NATSCICORE and LAB** (4 semester credits)

*Calculus AB* / MTH220 Applied Calculus I (3 semester credits)

*Calculus BC* / MTH320 Applied Calculus II (3 semester credits)

*Chemistry* / **NATSCICORE and LAB** (4 semester credits)

*Chinese Language and Culture* / **HUMCORE2** (3 semester credits)

*Computer Science A* / SDC230 Object-oriented Programming Using Java (3 semester credits)

*English Language and Composition* / ENG110 College Composition **and** ENG120 Advanced Composition (6 semester credits)

*English Literature and Composition* / ENG110 College Composition , ENG120 Advanced Composition , or **HUMCORE2** (3 semester credits)

*Environmental Science* / **NATSCICORE and LAB** (4 semester credits)

*European History, U.S. History, or World History* / **HUMCORE2** (3 semester credits)

*French Language and Culture* / **HUMCORE2** (3 semester credits)

*German Language and Culture* / **HUMCORE2** (3 semester credits)

*Government and Politics: Comparative* / **SOCSCICORE** (3 semester credits)

*Government and Politics: United States* / **SOCSCICORE** (3 semester credits)

*Human Geography* / **SOCSCICORE** (3 semester credits)

*Italian Language and Culture* / **HUMCORE2** (3 semester credits)

*Japanese Language and Culture* / **HUMCORE2** (3 semester credits)

*Latin* / **HUMCORE2** (3 semester credits)

*Macroeconomics* / ECO201 Macroeconomics (3 semester credits)

*Microeconomics* / ECO202 Microeconomics (3 semester credits)

*Music Theory* / **HUMCORE2** (3 semester credits)

*Physics I or Physics 2* / PHY120 Physics and PHY120L Physics Lab (4 semester credits)

*Physics B* / PHY120 Physics and PHY120L Physics Lab (4 semester credits)

*Physics C: Mechanics or Electricity and Magnetism* / PHY120 Physics and PHY120L Physics Lab (4 semester credits)

*Psychology* / PSY105 - Missing course (3 semester credits)

*Spanish Language and Culture* / **HUMCORE2** (3 semester credits)

*Spanish Literature and Culture* / **HUMCORE2** (3 semester credits)

*Statistics* / MTH140 Statistics (3 semester credits)

Types of Prior Learning and Transfer Credit

# International Baccalaureate Program (IB)

Official International Baccalaureate transcripts are required for the evaluation and awarding of college credit based on International Baccalaureate scores. A minimum IB score of 4 or higher is required to be eligible for transfer.

## IB Subject and ECPI Equivalent Course/Credits

*Language A: Literature* / ENG110 College Composition (3 semester credits)

*Language A: Language/Literature* / **HUMCORE2** (3 semester credits)

*Economics* / ECO201 Macroeconomics/ ECO202 Microeconomics (6 semester credits)

*Language and Culture* / HUM205 Culture, Thought, and the Human Experience (3 semester credits)

*History* / **HUMCORE2** (3 semester credits)

*Social/Cultural Anthropology* / **SOCSCICORE** (3 semester credits)

*Psychology* / PSY105 - Missing course (3 semester credits)

*World Religions* / **HUMCORE2** (3 semester credits)

*Physics* / PHY120 Physics/ PHY120L Physics Lab(4 semester credits)

*Philosophy* / HUM115 Reasoning and Analysis (3 semester credits)

*Global Politics* / **SOCSCICORE** (3 semester credits)

*Geography* / **SOCSCICORE** (3 semester credits)

*Biology* / **NATSCICORE/LAB** (4 semester credits)

*Chemistry* / **NATSCICORE/LAB** (4 semester credits)

*Environmental Systems and Societies* / BIO122 Environmental Biology/ BIO122L Environmental Biology Lab (4 semester credits)

Types of Prior Learning and Transfer Credit

# Cambridge International: A & AS Level Exams

Official Cambridge International transcripts are required for the evaluation and awarding of college credit based on Cambridge International A and AS level exams. A minimum grade of E or better is required to be eligible for transfer.

## Cambridge Subject and ECPI Equivalent Course/Credits

*English Literature* - 9695 / ENG110 College Composition (3 semester credits)

*English Language* - 9093 / ENG110 College Composition (3 semester credits)

*Economics* - 9708 / ECO201 Macroeconomics/ ECO202 Microeconomics (6 semester credits)

*History* - 9489 / **HUMCORE2** (3 semester credits)

*Global Perspectives & Research* - 9239 / HUM205 Culture, Thought, and the Human Experience (3 semester credits)

*Physics* - 9702 / PHY120 Physics/ PHY120L Physics Lab(4 semester credits)

*Psychology* - 9990 / PSY105 - Missing course (3 semester credits)

*Sociology* - 9699 / SOC100 Introduction to Sociology (3 semester credits)

*Biology* - 9700 / **NATSCICORE/LAB** (4 semester credits)

*Biblical Studies* - 9484 / **HUMCORE2** (3 semester credits)

*Chemistry* - 9701 / **NATSCICORE/LAB** (3 semester credits)

*Geography* - 9696 / **SCOSCICORE** (3 semester credits)

*Thinking Skills* - 9694 / HUM115 Reasoning and Analysis (3 semester credits)



# CLEP Exams

Official College Level Examination Program (CLEP) exam transcripts from CollegeBoard are required for the evaluation and awarding of college credit based on CLEP exam scores. For CLEP General and Subject Exams that are administered electronically through computer-based testing, a minimum score of 50 is required to receive transfer credit. General education or arts and sciences courses may be exempt from the time limitation, programmatic coursework must be completed within the past ten calendar years to be eligible for transfer.

## CLEP Exam and ECPI Equivalent Course/Credits

*American Government* / **SOCSCICORE** (3 semester credits)

*American Literature* / **HUMCORE2** (3 semester credits)

*Analyzing & Interpreting Literature* / **HUMCORE2** (3 semester credits)

*Biology* / **NATSCICORE** and **LAB** (4 semester credits)

*Calculus* / MTH220 Applied Calculus I (3 semester credits)

*Chemistry* / **NATSCICORE** and **LAB** (4 semester credits)

*College Algebra* / MTH120 College Mathematics or MTH131 College Algebra (3 semester credits)

*College Mathematics* / MTH120 College Mathematics (3 semester credits)

*College Composition* / ENG110 College Composition and ENG120 Advanced Composition (6 semester credits)

*College Composition Modular* / ENG110 College Composition (3 semester credits)

*English Literature* / **HUMCORE2** (3 semester credits)

*Financial Accounting* / ACC160 Principles of Accounting I (3 semester credits)

*History of U.S. I or II* / **HUMCORE2** (3 semester credits)

*Human Growth and Development* / PSY106 Normal Life Span , PSY108 Normal Life Span , PSY300 Human Growth and Development , or **SOCSCICORE** (1-3 semester credits)

*Humanities* / **HUMCORE2** (3 semester credits)

*Information Systems* / CST120 Computer Configuration I (3 semester credits)

*Introductory Business Law* / LAW225 Legal Environment of Business (3 semester credits)

*Introductory Psychology* / PSY105 - Missing course (3 semester credits)

*Introductory Sociology* / SOC100 Introduction to Sociology (3 semester credits)

*Introduction to Educational Psychology* / **SOCSCICORE** (3 semester credits)

*Natural Sciences* / **NATSCICORE** and **LAB** (4 semester credits)

*Pre-calculus* / MTH200 Pre-calculus (3 semester credits)

*Principles of Macroeconomics* / ECO201 Macroeconomics (3 semester credits)

*Principles of Management* / **BUSELE** (3 semester credits)

*Principles of Marketing* / MKT214 Marketing Management (3 semester credits)

*Principles of Microeconomics* / ECO202 Microeconomics (3 semester credits)

*Social Sciences and History* / **SOCSCICORE** and **HUMCORE2** (6 semester credits)

*Western Civilization I or II* / **HUMCORE2** (3 semester credits)

# DSST Exams

Official DSST exam transcripts from Prometric are required for the evaluation and awarding of college credit based on DSST exam scores. A minimum score of 400 is required to receive transfer credit. General education or arts and sciences courses may be exempt from the time limitation, programmatic coursework must be completed within the past ten calendar years to be eligible for transfer.

## DSST Exam and ECPI Equivalent Course/Credits

*A History of the Vietnam War* / **HUMCORE2** (3 semester credits)

*Art of the Western World* / **HUMCORE2** (3 semester credits)

*Computing and Information Technology* / CST140 Introduction to Operating Systems (3 semester credits)

*Criminal Justice* / CJ100 Introduction to Criminal Justice (3 semester credits)

*Ethics in America* / **HUMCORE2** (3 semester credits)

*Foundations of Education* / **HUMCORE2** (3 semester credits)

*Fundamentals of College Algebra* / MTH131 College Algebra (3 semester credits)

*Fundamental of Cybersecurity* / CYB250 Principles of Cybersecurity with AI (3 semester credits)

*General Anthropology* / **HUMCORE2** or **SOCSCICORE** (3 semester credits)

*Health and Human Development* / **SOCSCICORE** (3 semester credits)

*History of the Soviet Union* / **HUMCORE2** (3 semester credits)

*Human Resource Management* / HRM211 Introduction to Human Resources Management (3 semester credits)

*Introduction to Business* / BUS121 Introduction to Business (3 semester credits)

*Introduction to Geography* / **HUMCORE2** or **SOCSCICORE** (3 semester credits)

*Introduction to Law Enforcement* / CJ110 Law Enforcement Operations (3 semester credits)

*Introduction to World Religions* / **HUMCORE2** (3 semester credits)

*Lifespan Developmental Psychology* / PSY106 Normal Life Span , PSY108 Normal Life Span , PSY300 Human Growth and Development , or **SOCSCICORE** (1-3 semester credits)

*Management Information Systems* / BUS331 Management Information Systems (3 semester credits)

*Math for Liberal Arts* / MTH120 College Mathematics (3 semester credits)

*Money and Banking* / **BUSELE** (3 semester credits)

*Organizational Behavior* / BUS321 Business Organizational Management (3 semester credits)

*Personal Finance* / **BUSELE** (3 semester credits)

*Principles of Advanced English Composition* / ENG120 Advanced Composition (3 semester credits)

*Principles of Public Speaking* / COM115 Principles of Communication (3 semester credits)

*Principles of Supervision* / **BUS226** or **BUSELE** (3 semester credits)

*Principles of Statistics* / MTH140 Statistics (3 semester credits)

*Technical Writing* / **COMCORE** (3 semester credits)

*The Civil War Reconstruction* / **HUMCORE2** (3 semester credits)



# Excelsior Exams (UExcel)

Official transcripts from Excelsior University are required for the evaluation and awarding of college credit based on UExcel Exams. A minimum exam grade of C is required on all UExcel exams to receive transfer credit. General education or arts and sciences courses may be exempt from the time limitation, programmatic coursework must be completed within the past ten calendar years to be eligible for transfer.

## UExcel Exam and ECPI Equivalent Course/Credits

*Abnormal Psychology* / **SOCSCICORE** (3 semester credits)

*Anatomy & Physiology II* / BIO116 Anatomy and Physiology with Terminology II, BIO117 Anatomy and Physiology with Terminology II, or BIO118 Anatomy and Physiology with Terminology II (2-3 semester credits)

*Bioethics: Philosophical Issues* / **HUMCORE1** (3 semester credits)

*Business Ethics* / BUS222 Ethics in Business (3 semester credits)

*Business Law* / LAW225 Legal Environment of Business (3 semester credits)

*Calculus* / MTH220 Applied Calculus I (3 semester credits)

*College Writing* / ENG110 College Composition (3 semester credits)

*Contemporary Mathematics* / MTH120 College Mathematics (3 semester credits)

*Cultural Diversity* / HUM205 Culture, Thought, and the Human Experience (3 semester credits)

*English Composition* / ENG110 College Composition (3 semester credits)

*Ethics: Theory & Practice* / **SOCSCICORE** (3 semester credits)

*Financial Accounting* / ACC160 Principles of Accounting I (3 semester credits)

*Foundations of Gerontology* / **SOCSCICORE** (3 semester credits)

*Human Resource Management* / HRM211 Introduction to Human Resources Management (3 semester credits)

*Interpersonal Communications* / COM115 Principles of Communication (3 semester credits)

*Introduction to Computer Programming Using Java* / **SDC230** (3 semester credits)

*Introduction to Microeconomics* / ECO202 Microeconomics (3 semester credits)

*Introduction to Macroeconomics* / ECO201 Macroeconomics (3 semester credits)

*Introduction to Music* / **HUMCORE1** (3 semester credits)

*Introduction to Philosophy* / **SOCSCICORE** (3 semester credits)

*Introduction to Psychology* / PSY105 - Missing course (3 semester credits)

*Introduction to Sociology* / SOC100 Introduction to Sociology (3 semester credits)

*Juvenile Delinquency* / CJ205 Juvenile Justice (3 semester credits)

*Life Span Developmental Psychology* / PSY106 Normal Life Span , PSY108 Normal Life Span , PSY300 Human Growth and Development , or **SOCSCICORE** (1-3 semester credits)

*Managerial Accounting* / ACC161 Principles of Accounting II (3 semester credits)

*Operations Management* / OPM227 Operations Management (3 semester credits)

*Organizational Behavior* / BUS321 Business Organizational Management (3 semester credits)

*Physics* / PHY120 Physics and PHY120L Physics Lab (4 semester credits)

*Political Science* / **SOCSCICORE** (3 semester credits)

*Precalculus Algebra* / MTH131 College Algebra (3 semester credits)

*Principles of Finance* / FIN350 Financial Management (3 semester credits)

*Principles of Marketing* / MKT214 Marketing Management (3 semester credits)

*Psychology of Adulthood & Aging* / **SOCSCICORE** (3 semester credits)

*Quantitative Analysis* / MTH140 Statistics (3 semester credits)

*Research Methods in Psychology* / PSY105 - Missing course (3 semester credits)

*Social Psychology* / PSY105 - Missing course or **SOCSCICORE** (3 semester credits)

*Statistics* / MTH140 Statistics (3 semester credits)

*World Conflicts since 1900* / **HUMCORE2** (3 semester credits)

*World Population* / **SOCSCICORE** (3 semester credits)

Types of Prior Learning and Transfer Credit

## ACE Learning Credit (Credly/Accredible)

ECPI University evaluates and awards transfer credit for professional, vocational, and other non-traditional coursework and examinations in accordance with college-level credit recommendations issued by the American Council on Education (ACE.) Nonmilitary credit recommendations made by ACE can be found in the ACE National Guide. The official ACE Transcript is issued by Credly and Accredible and includes credit recommendations and competencies earned through various prior learning experiences. Students can also provide the official transcript from the issuing institution for the evaluation and awarding of college credit based on college-level course equivalencies recommended by ACE.

ACE Learning credit is awarded as transfer credit provided that it meets the following criteria: applicable to the required courses in the student's program, substantial equivalence in content and credit hours, and completion within the past ten calendar years. General education or arts and sciences courses may be exempt from the time limitation. Program-specific grade or timeframe parameters in addition to those listed above may apply. Students pursuing graduate degrees or health science programs should refer to the program-specific transfer policies for more information.

Advanced standing may be granted for prior coursework that demonstrates learning outcomes substantially equivalent to ECPI University courses. The University reserves the right to require successful completion of an assessment administered by ECPI faculty before awarding transfer credit or advanced standing.

Types of Prior Learning and Transfer Credit

## Military Training and Experience

ECPI University evaluates and awards transfer credit for military training and experience based on college-level credit recommendations from the American Council on Education (ACE) as listed on the Joint Services Transcript (JST), as well as credits earned through Air University (AU).

• The Joint Services Transcript (JST) provides official documentation of military training and experience, along with corresponding college-level credit recommendations by the American Council on Education (ACE), for individuals who have served in the U.S. Army, National Guard, Navy, Marine Corps, and Coast Guard. To request an official JST, please visit: https://jst.doded.mil/official.html

• The Air University (AU) Transcript documents military education and training for individuals who have served in the United States Air Force or United States Space Force. To request an official Air University transcript, please visit: https://www.airuniversity.af.edu/Registrar/Transcript-Requests/

Military training and experience is awarded as transfer credit provided that it meets the following criteria: applicable to the required courses in the student's program, substantial equivalence in content and credit hours, and completion within the past ten calendar years. General education or arts and sciences courses may be exempt from the time limitation. Program-specific grade or timeframe parameters in addition to those listed above may apply. Students pursuing graduate degrees or health science programs should refer to the program-specific transfer policies for more information.

Advanced standing may be granted for prior coursework that demonstrates learning outcomes substantially equivalent to ECPI University courses. The University reserves the right to require successful completion of an assessment administered by ECPI faculty before awarding transfer credit or advanced standing.

Types of Prior Learning and Transfer Credit

## International College and University Credit

Students who have attended a postsecondary institution outside the United States must submit the following for the evaluation and awarding of college credit based on international coursework:

• An official course-by-course evaluation conducted by a credential evaluation organization that is a current member of either the National Association of Credential Evaluation Services (NACES) or the Association of International Credential Evaluators (AICE).

• Translated transcripts in English, if applicable, completed by a certified translator.

ECPI University awards transfer credit from international institutions based on NACES or AICE recommendations and provided that it meets the following criteria: the institution must be determined to be equivalent to U.S. accreditation standards, a grade of C or higher (2.0 on a 4.0 scale), applicable to the required courses in the student's program, substantial equivalence in content and credit hours, and completion within the past ten calendar years. General education or arts and sciences courses may be exempt from the time limitation. Credits earned under quarter or other non-semester systems will be converted to semester hours. Courses graded on alternate scales may be accepted with documentation verifying equivalence to a 2.0 GPA. Additional grade or time restrictions may apply to specific programs, particularly graduate and health sciences programs; students should consult program-specific policies.

Advanced standing may be granted for prior coursework that demonstrates learning outcomes substantially equivalent to ECPI University courses. The University reserves the right to require successful completion of an assessment administered by ECPI faculty before awarding transfer credit or advanced standing.

Types of Prior Learning and Transfer Credit

## Professional Certifications, Credentials and Training

ECPI University evaluates and awards advanced standing credit for students who have demonstrated learning outcomes through certain professional training or passed eligible industry-standard certification exams that are determined substantially equivalent in content and scope to courses offered at the University. ECPI University awards advanced standing credit for certifications/examinations provided that they meet the following criteria: applicable to the required courses in the student's program, substantially equivalent in content and scope to courses offered at the University, valid at the time of enrollment, and completion within the past 3 calendar years. All certifications applicable to Computer and Information Science courses require relevant work experience in the areas of certification to satisfy the practical component of ECPI courses. Culinary Servsafe certification must be completed within the past 2 calendar years.

Certification and examination credits outlined below may be updated periodically due to academic revision and curricular alignment. All credits are awarded on an individual student basis. The University reserves the right to require successful completion of an assessment administered by ECPI faculty before awarding transfer credit or advanced standing.

## Certifications and ECPI Equivalent Course(s)

**Computer and Information Science**

*A+ (CompTIA)* / CST120 Computer Configuration I and CST140 Introduction to Operating Systems

*AWS Certified Machine Learning Specialty* / CST440 AI/Machine Learning

*AWS Certified Cloud Practitioner* / CYB450 AWS Academy Cloud Foundations and AI Tools

*AWS Certified Solutions Architect - Associate* / CYB450 AWS Academy Cloud Foundations and AI Tools

*CCNA - Cisco Certified Network Administrator (Cisco)* / CYB220 Introduction to Routing and Switching and CYB220L Introduction to Routing and Switching LAB

*CEH - Certified Ethical Hacker (EC-Council)* / CYB400 Ethical Hacking with AI, CYB400L Ethical Hacking with AI Lab, CYB410 Ethical Hacking with AI II, and CYB410L Ethical Hacking II with AI Lab

*Cloud+ (CompTIA)* / CYB260 Introduction to Cloud Solutions and CYB260L Introduction to Cloud Solutions LAB

*Linux+ (CompTIA)* / CST200 Linux Administration

*Network+ (CompTIA)* / CST160 Introduction to Networking, CYB200 Network Protocols and Services, and CYB200L Network Protocols and Services Lab

*Security+ (CompTIA)* / CYB250 Principles of Cybersecurity with AI, CYB300 Advanced Cybersecurity with AI, and CYB300L Advanced Cybersecurity with AI Lab

*PenTest+ (CompTIA)* / CYB400 Ethical Hacking with AIand CYB400L Ethical Hacking with AI Lab

*Microsoft 365 Certified Administrator* / CYB280 Microsoft 365 Administration

*Linux Essentials Exam (Linux Professional Institute)* / CST200 Linux Administration

*Red Hat Certified Systems Administrator (Red Hat)* / CST200 Linux Administration

**Engineering Technology**

*ACU Autodesk Certified User Certification in Auto CAD* / MET192 Graphics Communication

*ACU Autodesk Inventor Certified User* / MET192L Introduction to 3-D Modeling LAB

*ACU Autodesk Certified User Revit* / CAD108 Architectural CAD Design

*Associate CET (CETa): EM1 DC (ETA International)* / EET110 Electric Circuits I

*Associate CET (CETa): EM2 AC (ETA International)* / ESET111 Electric Circuits II and ESET111L Electric Circuits II Lab

*Associate CET (CETa): EM3 Analog (ETA International)* / EET120 Semiconductor Devices and EET121 Electronic Systems Applications

*Associate CET (CETa): EM4 Digital (ETA International)* / EET130 Digital Systems I and EET230 Digital Systems II

*Associate CET (CETa): EM5 Comprehensive (ETA International)* / ESET111 Electric Circuits II, ESET111L Electric Circuits II Lab, EET120 Semiconductor Devices, EET121 Electronic Systems Applications, EET130 Digital Systems I, and EET230 Digital Systems II

*Associate-Level CET (ISCET)* / ESET111 Electric Circuits II, ESET111L Electric Circuits II Lab, and EET113 DC and AC Circuits

*Journeyman-Level CET (ISCET)* / ESET111 Electric Circuits II, ESET111L Electric Circuits II Lab, EET113 DC and AC Circuits, EET120 Semiconductor Devices, EET121 Electronic Systems Applications, and EET223 Electronic Devices and Operational Amplifiers

**Business**

*Project Management Institute: PMP (Project Management Professional)* / **Business Electives** (6 semester credits) OR **Graduate Electives** (3 semester credits)

*Professional in Human Resources (PHR) or SHRM-Certified Professional or SHRM-Senior Certified Professional* / **Business Electives** (6 semester credits) OR **Graduate Electives** (3 semester credits)

*Six Sigma Black Belt* / **Business Electives** (6 semester credits) OR **Graduate Electives** (3 semester credits)

**Culinary**

*ServSafe Food Manager Certification* / CAA115 Kitchen Essentials

## ECPI Prior Learning Portfolio Assessment

Prior learning portfolio assessment is available for a select number of courses to students who are able to demonstrate proficiency in the course learning outcomes through related employment and other professional or non-traditional learning experiences. Students must request or confirm their intention to submit a portfolio no later than the end of their first semester (first three terms) and prior to accessing the selected course. Students must be approved by academic staff by meeting one or more of the following exam eligibility criteria:

• Relevant certification or licensure

• Related coursework or professional training

• Expired transfer credit

• Related employment/military experience

Students should refer to the Tuition and Fees - Other Fees section of the catalog for information regarding fees for Prior Learning Portfolio Assessment. Students that have received prior learning credit by any other means may not request or receive credit through portfolio assessment. Credit earned as a result of portfolio assessment earns a grade of EC and does not impact a student's GPA but will count towards credits attempted and earned.

*Available at select campus locations.

Types of Prior Learning and Transfer Credit

## ECPI Challenge Exams

Challenge exams are available for a select number of courses to students who can demonstrate proficiency in the course learning outcomes based on their prior education or experience. Challenge exam inquiries can either be initiated through student request or identified as eligible by academic staff. Students must request or confirm their intention to challenge a course no later than the end of their first semester (first three terms) and prior to accessing the selected course. Students that have received prior learning credit by any other means may not request or receive credit through a challenge exam. Students must be approved by academic staff and meet one or more of the following exam eligibility criteria:

• Relevant certification

• Related course/insufficient credits

• Expired transfer credit

• Related employment/field experience

Students are allowed one exam attempt per course and a minimum score of 80% is required to pass and be exempt from taking the class. The exam format, time limit, and requirements may vary depending upon the challenge exam. Students should refer to the Tuition and Fees - Other Fees section of the catalog for information regarding fees for challenge exams. Credit earned as a result of a successful exam earns a grade of TO and does not impact a student's GPA but will count towards credits attempted and earned.

# Satisfactory Academic Progress Policy (SAP)

ECPI calculates Satisfactory Academic Progress using cumulative grade point average and measurements that include incremental completion rate and maximum time frame at specified evaluation periods.

## Undergraduate Programs

ECPI University's Satisfactory Academic Progress (SAP) Policy for Undergraduate Programs measures whether eligible undergraduate students are progressing at a responsible rate towards the completion of their educational objectives. Students must be in compliance with this policy in order to maintain their federal financial aid program eligibility. However, this policy applies to all undergraduate students, regardless of participation in federal financial aid programs.

The evaluation points contained in the policy are designed to help identify students who would benefit from an early intervention and/or remediation. Most critical is a student's ability to enroll in and complete courses successfully and consistently. Failure to complete courses successfully for any reason may negatively affect satisfactory academic progress. Failing courses or withdrawing from courses could also result in the loss of financial aid and academic dismissal. It is very important that students attend all registered courses and complete them successfully.

**Navigate the additional SAP undergraduate policy related components using the menu to the left.**

**For additional SAP Requirements:**

- Graduate Programs

Back to Academics Policies

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

## Academic Progress Table

The Satisfactory Academic Progress Policy evaluation points, required quantitative and qualitative measurements, and the corresponding actions required for failure to achieve and maintain the required academic achievements are summarized in the following Academic Progress Table:

| EVALUATION PERIOD SEMESTER | REQUIRED MINIMUM CGPA* | REQUIRED INCREMENTAL COMPLETION RATE COMPLETION % OF CREDITS ATTEMPTED | REQUIRED ACTION ACADEMIC STATUS THESE STATUSES APPLY TO BOTH ACADEMICS AND FINANCIAL AID |
|---|---|---|---|
| 1 | 1.50 | 40% of credits attempted | Warning |
| 2 | 1.50 | 50% of credits attempted | Warning or Probation (if on Warning) |
| 3 | 1.75 | 60% of credits attempted | Warning or Probation (if on Warning) or Dismissal (if on Probation) |
| 4 and each semester thereafter | 2.0 | 66.67% of credits attempted | Warning or Probation (if on Warning) or Dismissal (if on Probation) |

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

## Appealing an Academic Dismissal

A student must appeal an academic dismissal by requesting an Academic Review Board (ARB). The written appeal must state the mitigating circumstances that contributed to the academic determination or dismissal. The written appeal may be supported with appropriate documentation of the mitigating circumstances with explanation on how the circumstances have been remedied or changed. Mitigating circumstances are events that are outside the student's control and are unavoidable.

Examples of events that may be considered a mitigating circumstance and which has negatively impacted academic progress include but are not limited to: death of an immediate family member, student illness requiring hospitalization, divorce proceedings, previously undocumented disability, work-related transfer or change in work schedule during the term, natural disaster, financial hardship such as foreclosure or eviction, and others.

The student may be asked to appear in person during the review process when deemed necessary by the Campus Director of Academic Affairs or request an ARB. The appeal process ends with the Campus President on each campus. Appeals may result in any one of the following actions:

- Reinstatement on probation with an academic plan where the student will be held to specific requirements which must be met by the end of the next semester. Reinstatement after dismissal will be granted only if mitigating circumstances exist.
- Denial of reinstatement
- A student may appeal an academic determination or dismissal one time
- A student who is granted an appeal may be reinstated and, if otherwise eligible, receive financial aid. The student must meet with the Financial Aid Advisor on campus to determine any changes to the student’s financial aid. The above minimum standards for satisfactory academic progress will continue to be applied to assess the student’s academic performance.

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

## Change of Program

For students who initiate a change of program, all courses that apply to the new program will affect the student’s CGPA, Incremental Completion Rate, and Maximum Time Frame. Students who change programs must sign a new program Enrollment Agreement.

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

## Course Withdrawals

A student may withdraw from an individual course or group of courses. A grade of W is awarded for all course withdrawals that are requested during the add/drop period if attendance is posted. Students withdrawing from a course after the first week of the term through the end of week four will receive a grade of WP or WF, which is determined by the grade earned on their last date of attendance. A grade of F will be awarded for all courses dropped during week five. A student's last date of attendance is used to determine the grade awarded.

Students who drop a course and do not replace it with another may have financial aid eligibility, veteran’s benefits, or other financial aid impacted. In addition, changes may affect the student’s satisfactory academic progress (SAP). Therefore, the student is responsible for consulting with Financial Aid and Academic Administration to determine any implications of course load changes to their financial aid package or SAP.

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

## Cumulative Grade Point Average (CGPA)

Grade Point Average (GPA) is a measure of scholastic performance. Students' transcripts will include a term GPA and a cumulative GPA, which includes all coursework within the program of study. To calculate GPA:

1. Multiply the total semester credits assigned for each course by total quality points associated with the grade earned;

2. Total the grade points earned for all the courses (see the Grading Policy for grade points assigned to each letter grade); and
3. Divide the total grade points earned by the total number of academic credits.

The CGPA is rounded up to the nearest hundredth if the last digit is five or greater. It is rounded down to the nearest hundredth if the last digit is less than five. (For example: 1.947 = 1.95, 1.944 = 1.94)

Example: Cumulative Grade Point Average calculation

| COURSE | GRADE | CREDITS ASSIGNED TO THE COURSE | GRADE POINTS | TOTAL QUALITY POINT FOR THE COURSE |
|---|---|---|---|---|
| CIS115 | B+ | 3 | 3.3 | 3 x 3.3 = **9.9** |
| ENG110 | A | 3 | 4 | 3 x 4 = **12.0** |
| BUS102 | B | 3 | 3 | 3 x 3 = **9.0** |
| CIS107L | C+ | 1 | 2.3 | 1 x 2.3 = **2.3** |
| CIS107 | B- | 3 | 2.7 | 3 x 2.7 = **8.1** |
| FOR110 | A- | 3 | 3.7 | 3 x 3.7 = **11.1** |
| **Total** | | 16 | | Total quality points = **52.4** |

CGPA = 52.4 (total quality points) divided by 16 credits = 3.28

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

## Evaluation Period

An evaluation period is used to determine academic progress. ECPI uniquely defines the evaluation period for each student, as the University employs a student-based semester system. At ECPI, each student's semester is uniquely defined as three consecutive terms, which is 15 weeks.

All terms and semesters of a student's continuous enrollment, whether or not the student received financial aid, are also included in the SAP review. In addition, all credit hours transferred to ECPI for the current enrollment for program changes are included and counted towards a student's maximum time frame.

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

## Foundational Courses

Foundational courses are remedial courses required as a result of the admissions assessment; these courses are graded Pass/Fail. Students who are required to take foundational courses (i.e., ENG099 Introduction to Writing, MTH099 Introduction to College Algebra, and MTH090 Introduction to Mathematics) are required to complete each course successfully on the first attempt in order to progress in the program. A failure (WF or NP) on the first attempt will result in dismissal from the student's program (refer to Repeated Courses for additional information). These courses are exempt from the calculations included in this Satisfactory Academic Progress Policy, including Cumulative Grade Point Average, Incremental Completion Rate, and Maximum Time Frame. However, any student who is required to complete foundational courses will receive a Foundational Course GPA, as determined by the following:

Pass grade = 4.0 Foundational GPA

Not Pass grade = 0.0 Foundational GPA

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

## Incremental Completion Rate ICR

A student's ICR is calculated by:

- Totaling the number of credit hours attempted;
- Totaling the number of credit hours successfully completed; and
- Dividing the total number of credit hours successfully completed by the total number of credit hours attempted and expressing that as a percentage

Courses for which a student receives a letter grade of "A" through "F," an incomplete grade of "I," and withdrawal grade of "WF" are included in ICR. Withdrawal grades of "W" and "WP" are not included in ICR. In addition, all credit hours transferred to ECPI for the current enrollment are included and counted as credits attempted.

For the calculation of the ICR, there is no rounding of the percentage; therefore, if a student receives a 66.665% and the requirement is 66.67%, the student would not satisfy this evaluation point.

Example 1: After four semesters, a student has attempted 66 credits and successfully completes 40. The ICR is calculated by dividing 40 by 66, which equals 60.60%. The ICR requirement at the end of four semesters is 66.67% and the student therefore would not meet the ICR requirement at this evaluation point.

Example 2: After two semesters, a student has attempted 30 credits and successfully completes 15. The ICR is calculated by dividing 15 by 30, which equals 50.00%. The ICR requirement at the end of two semesters is 50%; therefore, the student meets the ICR requirement at this evaluation point.

Undergraduate students must successfully achieve and maintain a 66.67% incremental completion rate of courses attempted credits by the end of the fourth semester and thereafter.

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

# Maximum Time Frame

A student may not attempt more than 150 percent of the credits in his/her program. The requirements for Incremental Completion Rate are to assure that students are progressing at a rate to complete their program within the Maximum Time Frame. Withdrawal grades of "W" are not included in the Maximum Time Frame calculation.

The minimum number of credit hours required for an undergraduate degree at ECPI varies; therefore, the maximum number of credit hours that a student may attempt will vary.

Example 1: In an associate's degree program consisting of 60 semester credit hours, the student must complete the program within 90 attempted semester credit hours.

Example 2: In a bachelor's degree program of 120 semester credits, the student must complete the program within a maximum of 180 semester credit hours.

The maximum timeframe always applies to the program of study in which the student is enrolled.

Students who exceed 150% of the program credits will be dismissed from the University.

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

# Minimum Academic Requirements to Graduate

The minimum academic requirements for a student to graduate are: CGPA of 2.0, 66.67% ICR, and completion of the program in no more than 150% of total program credits. Please see Graduation Requirements in this catalog for the complete list of requirements.

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

# Procedures for Reentry/Readmission After Academic Dismissal

A student who is denied an appeal of an Academic Dismissal is not eligible for consideration for readmission to the University or reentry into any program for a period of at least one year, or twelve months, from the date of dismissal. After one year a student may submit a second written appeal requesting reentry to their original academic program or admission to another academic program. The student must demonstrate in their appeal that the factors contributing to the original academic dismissal no longer impact their ability to meet academic standards and program requirements, including the University's Satisfactory Academic Progress policy. Students whose second appeal is granted may be required to retake courses, participate in remediation, or meet other requirements as a part of an academic plan. Students whose second appeal is denied will be permanently dismissed from the University.

When applying for readmission, the student must meet with the Campus Director of Academic Affairs at least two weeks prior to the start of the term in which the student wishes to return. A student who fails to comply will forfeit the opportunity to start. The appeal procedure described in the preceding section applies to all second appeals.

A reentry/readmission student who is granted an appeal may be reinstated and, if otherwise eligible, may receive financial aid. The student will be placed on probation at the start of the next academic term or upon re-entry and may be required to meet certain additional academic conditions as specified by the Campus Director of Academic Affairs or the Academic Review Board in their decision to grant the appeal. The above minimum standards for satisfactory academic progress will continue to be applied to assess the student's academic performance.

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

# Repeated Courses

Students who are required to take foundational courses (i.e., ENG099 Introduction to Writing, MTH099 Introduction to College Algebra, MTH090 Introduction to Mathematics) are required to successfully complete each course on the first attempt in order to progress in the program. A failure (WF or NP) on the first attempt will result in dismissal from the student's program. A student who is dismissed for failure to successfully pass a foundational course may reapply for readmission to the University through the Academic Review Board. If accepted for readmission, students must pass the foundational course on their second attempt. No additional attempts will be allowed for foundational courses.

## Repeated courses due to course withdraw or failure

A course may not be repeated more than once without approval of the Campus Director of Academic Affairs or designated academic official. Grades achieved in courses that are repeated due to course withdrawal (W, WP) or failure (F, WF) will replace previous withdrawal or failing grades in the CGPA calculation. A pattern of course repetitions could cause a student to fall below the minimum standard for satisfactory academic progress. A student who is approved to repeat a course due to a failing grade (F, WF) must successfully pass the course by the third attempt. After three failed attempts the student will be academically dismissed. When a course is repeated due to a failure, credits accrue only when the student attains a passing grade for that course. Additional tuition charges apply when a student repeats courses. Students who withdraw or earn a failing grade in a course should register for the same course in the subsequent term to improve his/her academic performance.

### Repeated course to improve a grade

A student may repeat a course to improve the grade and subsequently, his/her CGPA. In the case of repeated courses to improve a grade, only the highest grade earned will be calculated in the CGPA while all the credits attempted will be calculated in the ICR and Maximum Time Frame. Students are eligible for Financial Aid for only one repetition of a previously passed course.

Please see the College of Health Science program handbook for specific program policies concerning repeated courses.

### Computer and Information Science Certificate

A course may not be repeated more than once without approval of the designated academic official. Grades achieved in courses that are repeated due to course withdrawal (W, WP) or failure (F, WF) will replace previous withdrawal or failing grades. A student who is approved to repeat a course due to a failing grade (F, WF) must successfully pass the course by the third attempt. After three failed attempts the student will be academically dismissed (for appeal of academic dismissal, see Appealing an Academic Dismissal.

Back to Academics Policies > Repeated Courses



## Veterans Administration Requirements for Satisfactory Academic Progress

***Academic Dismissal/Reinstatement and Veterans' Benefits in South Carolina***. Veterans who are reinstated for benefits after academic dismissal who fail to attain a GPA of at least 2.0 during that term will be placed on academic dismissal for one semester, which is equivalent to three terms.



## Warning Probation or Dismissal

The Academic Progress Table demonstrates the evaluation points for CGPA and ICR; failure to achieve these milestones will result in a status change that provides the student with an additional semester to improve his/her academic standing. A student who completes his/her first semester and fails to meet the minimum requirements will be placed on warning; a student on warning remains eligible for financial aid. If a student who is on warning fails to achieve the required progress at the end any subsequent evaluation point of a warning period, s/he will be placed on probation or dismissed from the University. Probation may only be granted with a student's successful appeal with an Academic Review Board (ARB). A student who is on probation remains eligible for financial aid; however, a student may remain on probation for only one semester. If a student on probation fails to achieve satisfactory academic progress at the next evaluation point, the student will be dismissed from the University.

A student who fails to meet the required SAP benchmarks will receive a notification in writing within 14 days from the end of the evaluation period.

A student will be removed from academic warning or probation when s/he meets the requirements for satisfactory academic progress.

Please note that a student may be dismissed for academic reasons without previous academic action. In addition, at any given evaluation point, if it is determined to be mathematically impossible for the student to meet the academic requirements for graduation, the student will be dismissed.



## SAP - Business Administration Certificate

Students' academic progress will be evaluated after each course grade has been awarded. In general and unless otherwise stated, the minimum grade to maintain satisfactory progress is 70% or C-. Students must achieve a minimum term grade point average of 2.0.

A course may not be repeated more than once without approval of the designated academic official. Grades achieved in courses that are repeated due to course withdrawal (W, WP) or failure (F, WF) will replace previous withdrawal or failing grades. A student who is approved to repeat a course due to a failing grade (F, WF) must successfully pass the course by the third attempt. After three failed attempts the student will be academically dismissed (for appeal of academic dismissal, see Appealing an Academic Dismissal.

Back to Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs



## SAP - Computer and Information Science Certificate

Students' academic progress will be evaluated after each course grade has been awarded. In general and unless otherwise stated, the minimum grade to maintain satisfactory progress is 70% or C-.

A course may not be repeated more than once without approval of the designated academic official. Grades achieved in courses that are repeated due to course withdrawal (W, WP) or failure (F, WF) will replace previous withdrawal or failing grades. A student who is approved to repeat a course due to a failing grade (F, WF) must successfully pass the course by the third attempt. After three failed attempts the student will be academically dismissed (for appeal of academic dismissal, see Appealing an Academic Dismissal.

Back to Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

## SAP - Criminal Justice Certificate

Students' academic progress will be evaluated after each course grade has been awarded. In general, and unless otherwise stated, the minimum grade to maintain satisfactory progress is 70% or C-. Students must achieve a minimum term grade point average of 2.0.

A course may not be repeated more than once without approval of the designated academic official. Grades achieved in courses that are repeated due to course withdrawal (W, WP) or failure (F, WF) will replace previous withdrawal or failing grades. A student who is approved to repeat a course due to a failing grade (F, WF) must successfully pass the course by the third attempt. After three failed attempts the student will be academically dismissed (for appeal of academic dismissal, see Appealing an Academic Dismissal.

Back to Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

## SAP - Culinary Arts Certificate

Students' academic progress will be evaluated after each course grade has been awarded. In general and unless otherwise stated, the minimum grade to maintain satisfactory progress is 70% or C-. Students must achieve a minimum term grade point average of 2.0.

A course may not be repeated more than once without approval of the designated academic official. Grades achieved in courses that are repeated due to course withdrawal (W, WP) or failure (F, WF) will replace previous withdrawal or failing grades. A student who is approved to repeat a course due to a failing grade (F, WF) must successfully pass the course by the third attempt. After three failed attempts the student will be academically dismissed (for appeal of academic dismissal, see Appealing an Academic Dismissal.

Back to Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

## SAP - Engineering Technology Certificate

Students' academic progress will be evaluated after each course grade has been awarded. In general and unless otherwise stated, the minimum grade to maintain satisfactory progress is 70% or C-. Students must achieve a minimum term grade point average of 2.0.

A course may not be repeated more than once without approval of the designated academic official. Grades achieved in courses that are repeated due to course withdrawal (W, WP) or failure (F, WF) will replace previous withdrawal or failing grades. A student who is approved to repeat a course due to a failing grade (F, WF) must successfully pass the course by the third attempt. After three failed attempts the student will be academically dismissed (for appeal of academic dismissal, see Appealing an Academic Dismissal.

Back to Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

# Satisfactory Academic Progress (SAP) - Graduate Programs

To be in good academic standing with the college and to be eligible to receive Title IV financial aid, students must maintain satisfactory academic progress.

At the end of each semester, each student is evaluated on three components to determine if s/he is maintaining satisfactory academic progress:

| THREE COMPONENTS TO MAINTAIN SATISFACTORY ACADEMIC PROGRESS | |
|---|---|
| **Cumulative Grade Point Average (CGPA)** | Students enrolled in graduate-level programs must maintain a minimum CGPA of 3.0. |
| **Incremental Completion Rate** | Students enrolled in graduate-level programs must complete a minimum of 66.67% of the cumulative credits attempted at the end of each semester to be making satisfactory academic progress. |
| **Maximum Timeframe** | A student may not attempt more than 150 percent of the credits in his/her program. The requirements for Incremental Completion Rate are to assure that students are progressing at a rate to complete their program within the Maximum Time Frame. Students in graduate programs are only permitted to repeat one failed course (see Repeated Courses).<br>The minimum number of credit hours required for a graduate degree at ECPI varies; therefore, the maximum number of credit hours that a student may attempt will vary.<br>• Example 1: In a graduate program consisting of 36 semester credit hours, the student must complete the program within a maximum of 54 attempted semester credit hours.<br>• Example 2: In a graduate program consisting of 49 semester credit hours, the student must complete the program within a maximum of 73.5 semester credit hours.<br>The maximum timeframe always applies to the program of study in which the student is enrolled.<br>Graduate students who exceed 150% of the program credits will be dismissed from the University. |

**Navigate the additional graduate SAP policies using the menu to the left.**

Satisfactory Academic Progress (SAP) - Graduate Programs

## SAP Warning

A student will be placed on SAP Warning if he/she fails to meet any one of the criteria listed above. The student will have one semester to meet the requirements for satisfactory academic progress and return to good academic standing or they will be dismissed from the University. If at any evaluation point it is determined that it is mathematically impossible for the student to meet the minimum requirements, the student will be dismissed.

Satisfactory Academic Progress (SAP) - Graduate Programs

## Appealing an Academic Dismissal

A student must appeal an academic dismissal by requesting an Academic Review Board (ARB). The written appeal must state the mitigating circumstances that contributed to the academic determination or dismissal. The written appeal may be supported with appropriate documentation of the mitigating circumstances with explanation on how the circumstances have been remedied or changed. Mitigating circumstances are events that are outside the student's control and are unavoidable.

Examples of events that may be considered a mitigating circumstance and which has negatively impacted academic progress include but are not limited to: death of an immediate family member, student illness requiring hospitalization, divorce proceedings, previously undocumented disability, work-related transfer or change in work schedule during the term, natural disaster, financial hardship such as foreclosure or eviction, and others.

The student may be asked to appear in person during the review process when deemed necessary by the Campus Director of Academic Affairs or request an ARB. The appeal process ends with the Campus President on each campus. Appeals may result in any one of the following actions:

- Reinstatement on SAP Probation with an academic plan where the student will be held to specific requirements which must be met by the end of the next semester. Reinstatement after dismissal will be granted only if mitigating circumstances exist.
- Denial of reinstatement
- A student may appeal an academic determination or dismissal one time
- A student who is granted an appeal may be reinstated and, if otherwise eligible, receive financial aid. The student must meet with the Financial Aid Advisor on campus to determine any changes to the student's financial aid. The above minimum standards for satisfactory academic progress will continue to be applied to assess the student's academic performance.

Satisfactory Academic Progress (SAP) - Graduate Programs

## Repeated Courses

Students who have failed a course are eligible to repeat it once, as scheduling permits. A repeat may be approved by the Dean when it is satisfactorily determined that a student would benefit from repeating a class. When a failed course is repeated, only the grade in the repeated course counts in the student's cumulative grade point average and will appear on the student's transcript. Students in graduate programs are only permitted to repeat one failed course.

Students who repeat a course will be charged the current tuition for the course and must assume the responsibility for all associated fees. Repeating a course may interrupt the student's enrollment and may negatively impact financial aid eligibility and academic progress.

Back to Academics Policies > Repeated Courses

# Satisfactory Academic Progress (SAP) - BS to BSN (Florida)

*The Satisfactory Academic Progress Policy and Requirements described are specific to the Bachelor of Science in Nursing at the Orlando (Lake Mary), Florida campus.*

All students must meet ECPI University's minimum standards of academic achievement and course completion progress requirements while enrolled at ECPI University. ECPI University's satisfactory academic progress standards ("SAP") have two primary components: one is qualitative and the other is quantitative. The qualitative component requires certain minimum cumulative grade point averages be achieved as of certain measuring points and the quantitative component requires completing courses at a certain pace in order to complete an educational program within the allowed maximum timeframe.

The qualitative and quantitative components of SAP are evaluated as of each Minimum Measurement Point based upon grades, credit or clock hours attempted and credit or clock hours completed as indicated on a student's transcript as of the end of the Grading Period ending contemporaneously with the most recent Minimum Measurement Point being reached. Minimum Measurement Points occur at the end of each Financial Aid Payment Period and in addition thereto, at the applicable Minimum Measuring Point as a percent of Program Length indicated in the qualitative component section.

ECPI University's satisfactory academic progress standards are the same for all students without regard to whether they receive financial assistance under Title IV, HEA programs ("Title IV") or other financial aid and without regard to whether they are a full-time or part-time student.

A student that fails to satisfy the SAP requirements at any Minimum Measuring Point and is not placed on either Financial Aid Warning or Financial Aid Probation status shall no longer be eligible to receive assistance under the Title IV programs.

See also:

- SAP Definitions
- Qualitative Component of SAP
- Quantitative Component of SAP

- SAP Appeals

Back to Satisfactory Academic Progress Policy (SAP) - Undergraduate Programs

SAP - BS to BSN (Florida)

## Satisfactory Academic Progress Definitions

| TERM | DEFINITION |
|---|---|
| **Appeal** | Means the appeal by a student of a determination by the School that a student has not meet the SAP requirements and is commenced by submitting an Appeal Request in compliance with the Appeal Procedures set forth in the Satisfactory Academic Progress Appeals and Waivers section. |
| **Appeal Procedures** | Means the procedures set forth below in the Satisfactory Academic Progress Appeals and Waivers section of this Catalog that a student must follow to Appeal a determination that a student has failed to satisfy SAP standards and to obtain Financial Aid Probation status. |
| **Appeal Request** | Means a written document that contains the information required by the Appeal Procedures set forth below in the Satisfactory Academic Progress Appeals and Waivers section of this Catalog. |
| **CGPA** | Means a student's cumulative grade point average calculated as set forth below in the Qualitative Component of Satisfactory Academic Progress section of this Catalog. |
| **Grading Period** | Is a period of instruction for which the student receives a final grade that is recorded on a student's transcript for a particular course. |
| **Financial Aid Payment Period** | Means the status assigned to a student who is on SAP Met status and subsequently fails to satisfy SAP requirements at the end of a Financial Aid Payment Period or as of any other Minimum Measuring Point. |
| **Minimum CGPA** | Shall have the meaning set forth in the Qualitative Component of Satisfactory Academic Progress section. |
| **Minimum Percentage of Total Program Credit Hours Completed Requirement** | Shall have the meaning set forth below in the Quantitative Component Of Satisfactory Academic Progress section of this Catalog and the specific Minimum Percentage of Total Program Credit Hours Completed Requirement as of each Minimum Measuring Point for various programs are delineated in the Minimum Credits Completed Requirements chart set forth below in the Quantitative Component of Satisfactory Academic Progress section of this Catalog. |
| **Minimum Measurement Point** | Shall mean the end of each Financial Aid Payment Period as defined herein for each program classification and in addition thereto the applicable Minimum Measuring Point as a percent of Program Length, Minimum Measuring Point in Credit Hour Attempted, Minimum Measuring Point in Clock Hours Attempted and Minimum Measuring Point in Modules indicated in the charts set forth in the Qualitative Component of Satisfactory Academic Progress section. |
| **MTF** | Shall have the meaning set forth below in the Quantitative Component of Satisfactory Academic Progress section of this Catalog. |

SAP - BS to BSN (Florida)

## Qualitative Component of SAP

The qualitative component of SAP requires the achievement of specified minimum cumulative grade point average ("Minimum CGPA") as of certain measuring points which are defined above as the Minimum Measuring Points. Except as provided below, the cumulative grade point average, CGPA, is calculated using the grades for all courses for which a grade was received, other than a "W", or "I" during the Grading Periods in which the courses were completed as of the time a Minimum Measurement Point is reached. If a student receives the temporary grade of "I", the grade received upon completion of the course or "F" if the course is not completed within time allowed for completion will be used to calculate the CGPA. However, if a student repeats a course, without regard to whether the previous grade was a failing or a passing grade, the new grade will be used and all prior grades for the repeated will not be included in the grades used to calculate the CGPA. The grades received for credit hours from another institution, other than another ECPI University campus, that are accepted for transfer towards a student's program will not be included in the calculation of the CGPA but will be included in the determination of the Minimum Measurement Point. The grades received for credit hours from another ECPI University campus that are accepted for transfer towards a student's program will be included in the calculation of the CGPA and will be included in the of the determination of the Minimum Measurement Point. The Minimum CGPA Requirement chart below lists program lengths and the Minimum CGPA required at the end of the Grading Period wherein each of the Minimum Measurement Points is initially met or exceeded.

| MINIMUM CGPA REQUIREMENT | | | |
|---|---|---|---|
| **Program Length** (Minimum # of Months Required to Complete Program) | **Minimum Measurement Point** (as a percent of Program Length) | **Minimum CGPA Requirement** | **Minimum Measurement Point in Financial Aid Payment Periods** |
| 12 Months | 25% | 2.00 | End of Payment Period 1 |
| | 50% | 2.00 | End of Payment Period 2 |
| | 75% | 2.00 | End of Payment Period 3 |
| | 100% | 2.00 | End of Payment Period 4 and each payment period thereafter |

If a student's CGPA falls below the minimum required CGPA at any Minimum Measuring Point, the student will be notified in writing of the consequences of not maintaining satisfactory academic progress including if such failure will impact a student's Title IV eligibility, cause the student to receive a Financial Aid Warning or require student to Appeal the determination to be placed on Financial Aid Probation to have Title IV eligibility reinstated.

SAP - BS to BSN (Florida)

## Quantitative Component of SAP

The quantitative component of SAP requires the completion, as of the Minimum Measuring Points, of a minimum number of credits hours after attempting a certain number of credit hours. The number of credit hours required to be completed as of each Minimum Measuring Point is measured as a percentage of the total credit hours required to complete the program that will have been attempted by a student as each Minimum Measuring Point is reached (the "Minimum Percentage of Total Program Credit Hours Completed Requirement"). The quantitative component of SAP measures whether a student is progressing through the program at a rate that will ensure the student graduates within a maximum timeframe. The maximum timeframe ("MTF") for completion of a program is one and one-half times the program length. The MTF is measured in credit hours for credit hour courses and clock hours for clock hour courses.

The number of credit hours required to be completed depends upon the length of the program. A credit hour is completed when a grade other than "W" or "I" is assigned to the credit or clock hour. If a student receives the temporary grade of "I", the grade received upon completion of the course or "F", if the course is not completed within time allowed for completion, will be used to determine the number of completed credit hours used to measure whether the Minimum Percentage of Total Program Credits Completed Requirement has been satisfied as of a Minimum Measuring Point. The credit hours assigned to courses for which a student receives a "W" will be included in the determination of the number of credit hours attempted that is used to measure whether the Minimum Percentage of Total Program Credits Completed Requirement has been satisfied as of a Minimum Measuring Point. The credit hours from another institution, including another ECPI University campus, that are accepted for transfer towards a student's program will be included as both credit hours attempted and completed in the determination of whether the Minimum Percentage of Total Program Credits Completed Requirement has been satisfied as of a Minimum Measurement Point. Courses repeated will be included as both credit hours attempted and completed in the determination of whether the Minimum Percentage of Total Program Credit Hours Completed Requirement has been satisfied as of a Minimum Measurement Point. The number of credit hours completed and attempted as indicated on a student's transcript at the end of the Grading Period ending contemporaneously with the most recent Minimum Measurement Point being reached will be used to determine if the Minimum Percentage of Total Program Credits Completed Requirement has been satisfied as of a Minimum Measurement Point.

The Minimum Credits Completed Requirement chart below lists program lengths and the Minimum Percentage of Total Program Credits Completed Requirement that must be satisfied as of each respective Payment Period for degree students.

The Quantitative Component of SAP will be evaluated at the end of each Financial Aid Payment Period for degree Programs to determine if the Minimum Percentage of Total Program Credit Hours Completed Requirement has been satisfied.

| MINIMUM CREDITS COMPLETED REQUIREMENT | | |
|---|---|---|
| **Program Length** (Minimum # of Quarters Required to Complete the Program) | **Measurement Point** in Financial Aid Payment Periods | **Minimum Percentage of Total Program** (Credit Hours Complete Requirement) |
| 4 Quarters | End of Payment Period 1 | 10% |
| | End of Payment Period 2 | 20% |
| | End of Payment Period 3 | 40% |
| | End of Payment Period 4 | 60% |
| | End of Payment Period 5 | 80% |
| | End of Payment Period 6 | 100% |

If a student cannot complete the program within the MTF, the student will be notified in writing that the student will not be able to meet the SAP requirements and that as a consequence that the student will be dropped, and such failure will impact a student's eligibility to receive assistance under the Title IV programs.

SAP - BS to BSN (Florida)

## SAP Appeals

Please see the following links for descriptions of the Satisfactory Academic Progress warning, probation, dismissal, and appeals processes.

Warning Probation or Dismissal

Appealing an Academic Dismissal

# Welcome to the Admissions Policies Section



**Navigate the admissions policies using the menu to the left, or choose from the following additional policy categories below:**

- Academics Policies
- Financial Aid Policies
- Student Conduct Policies
- University Policies

Our university is committed to providing a clear and supportive admissions process that welcomes students from diverse backgrounds and educational experiences. Our Admissions Policies are designed to ensure transparency, fairness, and inclusivity for all applicants. Whether you are a domestic, international, or home-schooled student, these policies guide you through every step of the process, from initial application to enrollment.

ECPI University receives admissions applications throughout the year and classes begin every five weeks. Careful consideration is given to each applicant's qualifications in the following areas: academic potential, readiness, personal motivation, and goals. It is the University's goal to facilitate an effective and applicant-friendly admissions process, Admissions Advisors are available to assist prospective students in this process.

As you embark on your educational journey with us, we encourage you to review these policies to fully understand the admissions process and the opportunities available to you.

Admissions Policies

## Admissions Requirements

Our Admissions requirements are outlined in the following sections:

- Undergraduate Requirements
- Graduate Requirements

Admissions Policies

## Application/Registration Fees

The application fee for undergraduate programs is $25.00 (non-refundable, one-time charge) and the registration fee is $100.00.

The application fee for graduate programs is $25.00 (non-refundable, one-time charge) and the registration fee is $35.00.

Admissions Policies

## Applications to Multiple Campuses

Applicants who are undecided with respect to the location they wish to attend should submit an application to their location of first choice. Applicants who are accepted into their location of first choice and who, prior to beginning the program, determine they want to complete the same program at a different location, should notify the initial location of record of that intent. Provided that the same program is available, all previous admissions approvals, transfer credits, and advanced standing status accepted

by one campus will remain in force and a transfer will be granted. If an individual requests to change programs in addition to changing campuses, he or she will need to meet all of the admission requirements of the new program prior to a decision on the transfer. Please note that a requested transfer to another campus may be denied for any program due to availability or other factors, as determined by the Campus President.

This transfer policy between ECPI campuses does not apply to health science programs with established enrollment limits.

Admissions Policies

## Background Checks

All nursing programs along with other various selected programs require a background check for admission, acceptance, matriculation, and/or clinical or externship courses. See Admissions Requirements (Undergraduate Programs | Graduate Programs) for additional information.

Any student or graduate who has a prior criminal conviction may experience denial of admission or limitations for externships/clinicals, professional licensure, or employment opportunities.

Professional licensure in certain programs and in selected states may require that an applicant possess good moral character and report any prior criminal convictions. If a conviction appears on the student's record, it may hinder ECPI University's ability to find the student appropriate clinical/externship site that may be required to complete the student's degree program. A conviction may also hamper the student's employment options after graduation. Please see the program descriptions in this catalog or speak to the Admissions Advisor for specific requirements.

Students who experience a citation, sanction or arrest while enrolled in a College of Nursing or College of Health Sciences program must notify the Director of Nursing or Program Director within 24-hours of the citation, sanction or arrest.

Additionally, students who are prescribed any controlled substance that may impair their alertness or cognition while enrolled in a course with clinical/externship component must notify the Director of Nursing or Program Director as soon as possible.

Admissions Policies

## Denial of Admission

ECPI University reserves the right to deny admission to any applicant for reasons including but not limited to:

- Failing to meet the stated admissions requirements
- Lacking the ability to benefit from the education
- Exhibiting a lack of motivation
- Lacking the professional attitude or maturity required
- Being unable to meet financial obligations to ECPI

If an applicant is denied admission, this decision is final and may not be appealed.

Admissions Policies

## Dual Enrollment

The Dual Enrollment (DE) program at ECPI University provides eligible high school students with the opportunity to complete college-level courses while still attending high school. High school students who have demonstrated collegiate reading, writing, and math skills are screened and selected for the program. Written permission from the student's legal guardian and principal is required prior to start. DE students may also be required to complete a readiness assessment prior to taking classes. In this program, students who successfully complete courses gain high school credits that meet their graduation requirements, as well as college credits that may apply to ECPI University's programs of study. ECPI University does not guarantee the transferability of credit to another college or university.

All faculty who teach DE courses meet the same academic credentialing requirements as faculty who teach courses for ECPI University. The DE courses are equivalent to other instruction offered by the university, including course objectives, components of the syllabi, level and rigor of content, assessment of student learning outcomes, textbooks, and other resources. DE courses utilize a Learning Management System (LMS) that includes resources embedded within the course modules.

DE students are selected by their high school and are enrolled at ECPI University as "Non-Degree Seeking" (NDS) students, meaning students are enrolled in a course but have not been accepted into a degree program. ECPI awards credit upon successful completion. Courses with a "C" or higher may be applied to a related ECPI program. Permanent records and transcripts are maintained by ECPI University.

DE students have access to the same academic and student support resources as any ECPI University student. In addition, library and other learning resources are provided through the LMS and the ECPI University campus.

Admissions Policies

# English Language Proficiency Policy

Applicants to ECPI University whose first language is not English must demonstrate competence in the English language (see Admissions Assessment - Undergraduate for more information). Language proficiency may be demonstrated by one of the following methods:

| **METHODS** | | | |
|---|---|---|---|
| 1. | **Document the minimum requirement on one of the following instruments.** | | |
| | **INSTRUMENT** | **UNDERGRADUATE MINIMUM REQUIREMENT** | **GRADUATE MINIMUM REQUIREMENT** |
| | Internet-Based TOEFL (iBT) | 61 | 79 |
| | TOEFL (written) | 500 | 550 |
| | IELTS Band | 6.0 | 6.5 |
| | Pearson PTE Academic | 48 | 54 |
| | iTEP (International Test of English Proficiency) | 3.6 | 3.9 |
| | SAT, Critical Reading (old) | 440 | NA |
| | SAT (new) | 25 Writing/Language or<br>440 Evidence-Based Reading/Writing | NA |
| | ACT (English/Writing or English Language Arts) | 20 | NA |
| 2. | **Document previous academic course work with English as the official language of instruction, using one of the following:** | | |
| | • For undergraduate or graduate admission, a Medium of Instruction (MOI) Letter – A copy of a high school diploma or transcript which states the medium of instruction was English, or an official letter from the high school or university certifying that English was the official language of instruction. | | |
| | • For undergraduate or graduate admission, a transcript for a degree-seeking program which records a minimum of two semesters of study at an institution of higher education in the United States, Canada, United Kingdom, Australia, New Zealand, or Ireland. In addition, a copy of the corresponding visa must be included in order to verify the student attended the institution in person and not online. | | |
| | • For undergraduate or graduate admission, completion of two college-level English courses with a C or higher at an institution of higher education in the United States. | | |
| | • For undergraduate or graduate admission, citizenship of a country where English is the official language. | | |
| | • For undergraduate or graduate admission, successful completion of commonly recognized programs for English Speakers of Other Languages, including the following: | | |
| | | Level 5 of the American Language Academy (ALA) | |
| | | An ESL program in the United States (transcript required) | |
| | • For graduate admission, proof of graduation from a degree program at an institution of higher education in countries with English as the primary language; for example, the United States, Canada, United Kingdom, Australia, New Zealand, or Ireland. In addition, a copy of the corresponding visa must be included in order to verify the student attended the higher education institution in person and not online. | | |

Applicants may submit alternative examination scores or other documentation for consideration. Alternative means of demonstrating competency will be evaluated for comparability to those listed here.

# Foundational Courses

Applicants who score within defined ranges in either the math or writing section of the admissions assessment and who are accepted into the University in a provisional status, will be required to take foundational mathematics and/or English/writing. These foundational courses are in addition to the credit hours required in each program. Foundational course grades are not used in calculating a grade point average. Student must complete any required foundational courses within the first three terms of enrollment. For more information, see Foundational Courses and Repeated Courses under Satisfactory Academic Progress in Academic Policies.

Admissions Policies

# High School Transcripts

Official secondary school transcripts must show the date of graduation and must be delivered directly to ECPI University from the secondary school. Transcripts marked as *issued to student* are not considered “official." Certificates of attendance, copies of diplomas, special high school diplomas or modified high school diplomas are not acceptable to establish proof of high school graduation. Applicants are responsible for providing ECPI with the official transcript or for providing ECPI with the authorization to secure transcripts. Students are responsible for the fees related to securing high school transcripts.

*Students have one term (5 weeks) to provide the official high school transcripts. For students in the Medical Assisting and Surgical Technology programs, the deadline to provide official high school transcripts is 30 days from the start of their first term. If official transcripts are not received by the deadline, the student will be dismissed.*

Students who have attended a postsecondary education institution that is accredited by an agency recognized by the U.S. Department of Education and who have completed an associate degree or higher may use their official postsecondary school transcript to establish proof of high school graduation/GED.

In cases where documentation of an applicant’s completion of a secondary school education is unavailable, e.g., the secondary school is closed and information is not available from another source such as the local school district or a State Department of Education, or in the case of homeschooling, the parent(s)/guardian(s) who provided the homeschooling is deceased, an institution may accept alternative documentation to verify the applicant’s high school completion status.

All applicants who have attended secondary school outside of the United States must provide a credential evaluation for all secondary (and if applicable, postsecondary) transcripts submitted to ECPI by the start of their first term. Exceptions may be considered based on extenuating circumstances. ECPI will only accept credential evaluations completed by a credential evaluation organization which is a member of the National Association of Credential Evaluation Services (NACES) or the Association of International Credential Evaluators, Inc. (AICE). Postsecondary education may be used to establish proof of high school graduation if it has been deemed by NACES or AICE to be the U.S. equivalency of an earned associate degree or higher and the official transcripts and evaluation are delivered directly to ECPI. For more information concerning NACES and AICE member organizations, refer to the NACES website at https://www.naces.org/ and AICE website at https://aice-eval.org.

If any applicable official academic records have not been prepared in English, a complete and official translation of the transcript is also required. Students who have obtained their secondary school (or postsecondary) education in any language other than English must provide evidence of English proficiency (refer to the English Language Proficiency Policy).

## Non-immigrant alien students.

Non-immigrant alien students attending ECPI University under the auspices of a non-immigrant student visa must submit all official academic records, including evaluations and translations, if applicable, as part of a complete application for admission. In compliance with federal regulations governing the attendance of nonimmigrant alien students in authorized U.S. schools, non-immigrant students may not be granted provisional admission status while awaiting the receipt of official academic documents. Unofficial evaluations submitted by the evaluation organization may be used for admission purposes. Admission is official upon receipt of the official transcript.

Admissions Policies

# Home-schooled Students

ECPI welcomes students from all types of educational backgrounds and encourages homeschooled students to apply. Due to the diverse nature of home school requirements from state to state; ECPI requires the following materials in order to evaluate a student’s academic history for acceptance:

- Transcripts from a nationally recognized and accredited home school program - **OR -**
- Detailed home-school transcripts (course titles, brief description of each course content, a grade or performance assessment for each course, details on duration of study, and expected graduation date) and a second academic indicator such as the SAT, ACT, or college GPA (where 12 or more credits were completed at a single institution).

In order to attend ECPI, each applicant must demonstrate completion of high school or the equivalent of high school. Homeschooled students need to submit documents indicating that they have followed the regulations determined by their state. Other forms of proof of high-school equivalency will be considered on a case-by-case basis, but should be approved in advance by contacting the University Registrar (Registrar@ecpi.edu).

Admissions Policies

# International Student Admissions

The following page describes how ECPI University defines an international student and provides the admissions requirements information. Admissions Requirements - International Students.

Admissions Policies

## Provisional Acceptance

The Campus President or his/her designee may grant provisional acceptance to students who score within a defined range on the admissions tests that require foundational or prerequisite coursework or for extenuating circumstances which may include previous training, related work experience, or other acceptable test measurements such as SAT or ACT scores. Provisional acceptance based on admissions testing requires foundational or prerequisite courses. The period of provisional acceptance is determined by the campus President or his/her designee and does not normally exceed 12 semester credits with a GPA of at least 2.20. Nonimmigrant alien students seeking to enroll at ECPI University in valid nonimmigrant alien student status are not eligible for provisional acceptance.

Admissions Policies

## Readmission Procedure

When a student withdraws prior to graduation, the student may re-enter ECPI within five years (two years for nursing, physical therapist assistant, and medical radiography students) and retain full academic credit, provided the courses are still applicable to the program. Returning students who have completed clinical courses may be required to pass clinical competency evaluations. Students will maintain the original cost per semester with an absence of less than six months during their program. Students with an absence of more than six months are subject to tuition rates in effect at the time of readmission. They may be required to undergo skill proficiency examination, particularly if significant curriculum changes are involved. In addition, these students will also be required to return into the program/ curriculum taught at the time of readmission.

While returning students are not required to reapply for admission, they must schedule an appointment to discuss their return to the University and go through the formal readmission process. The student's records are reviewed by the following departments:

- Student Records will review satisfactory academic progress;
- Student Accounts will review for outstanding balances;
- Financial Aid will review unresolved financial issues; and
- Academic Affairs will review attendance and academic preparedness to resume studies at ECPI.

Students must have approval by all departments in order to complete the readmission process.

Admissions Policies

## Readmission of Service Members

ECPI University complies with readmission requirements for service members set forth in the Higher Education Opportunity Act (HEOA) section 487 and its implementing regulations (34 CFR § 668.18).

ECPI University will promptly readmit service members to the same program with the same academic status after an interruption in their program due to a call to active duty. The cumulative length of all absences for military service may not exceed five years.

Students who are service members who are called to active duty must provide ECPI University with either oral or written notification of: (1) the military service and (2) the intent to return to school following the active duty service.

Students who are called to active duty must return to school under one of the following:

- within three years after the completion of the period of service
- within two years of the needed recovery period if hospitalized or convalescing due to an illness or injury incurred or aggravated during the performance of service

Students must provide documentation such as, but not limited to the following: DD214, duty orders indicating completion of service, a letter from commanding officer or other authority, certificate of completion from military training school, discharge certificate with character of service, payroll documents showing periods of service, or letter from National Disaster Medical System Team Leader/Administrative Officer verifying dates and time of NDMS training or Federal activation. Other documents may be considered on a case by case basis.

Service members readmitted to ECPI University under this procedure will be assessed tuition and fees at the rate of their last attendance or prior offer of admission for one calendar year if they are pursuing the same degree. After the one calendar year, they are assessed the tuition and fee rates in effect at that time.

Admissions Policies

## South Carolina Admissions and Professional Licensure

In South Carolina, certain programs require graduates to obtain professional licensure to practice. For professional licensure, please note the following:

- Citizenship/authorized alien/immigrant status is now a prerequisite for a professional license by an agency of a State or local government under Title 8 US Code Section 1621.
- Conviction, guilty plea, or nolo contendere plea involving a crime involving drugs, moral turpitude, or other criminal charges may prohibit licensure or employment.
- Specifically, acceptance into the Practical Nursing program requires a routine criminal background check as part of the admissions process in South Carolina.

Please see the program descriptions for information regarding professional licensure.

Admissions Policies

## Statement of Non-Discrimination

ECPI University is committed to providing an environment for its students, faculty and staff that is free from discrimination and to ensuring that all enrollment, education and employment decisions are based solely on an individual's abilities and qualifications. Consistent with this principle and applicable laws, it is therefore the University's policy not to discriminate in recruitment, admission or access to its educational programs and activities, or employment in its educational programs and activities, on the basis of race or color, religion or creed, sex or sexual orientation, gender identity or expression, national origin or ethnicity, age, disability, military service or veteran status, political affiliation or belief, marital status or pregnancy status.

Inquiries concerning the University's Non-Discrimination policies, compliance with applicable laws, statutes, and regulations (including Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972 and Section 504 of the Rehabilitation Act of 1973) should be directed to:

| |
|---|
| Shanna Campise<br>Title IX Coordinator/Section 504 Coordinator<br>ECPI University<br>5555 Greenwich Rd.<br>Virginia Beach, VA 23462<br>757.994.1054<br>TitleIX_Coordinator@ecpi.edu |

Admissions Policies

## Transfer of Credit and Advanced Academic Standing

Applicants should discuss all previous experience and training with an advisor during the Admissions Interview. During the enrollment process, applicants will complete a Request for Official Transcript form for each prior institution attended and submit all relevant documentation relating to prior learning for review and consideration of credit towards the student's program completion.

The University will assist applicants with requesting transcripts from all prior institutions that allow third-party requests. Applicants are responsible for ensuring the University's receipt of official transcripts within a student's first semester and any related fees required by the issuing institutions.

Once official transcripts are received, an evaluation will be completed to determine the application of transfer credit towards the student's program. Applicants are notified once an evaluation is complete and will receive a Transfer Credit Evaluation notification.

Students pursuing health science programs at the ECPI University College of Health Science/ College of Nursing should refer to their program-specific handbook for additional policies.

See also our Transferability of Credit policy for additional information.

# Admissions Requirements - Undergraduate Programs

To attend ECPI University, all new applicants must do the following:

| | |
|---|---|
| 1. | Complete a Personal Admissions Interview |
| 2. | Complete and submit an Application for Admission and an Enrollment Agreement |
| 3. | Provide an official high school transcript or official General Educational Development (GED) test scores |
| 4. | Achieve acceptable scores on the Admissions Assessment(s) |

***Certain programs listed in the left-hand navigation of this page have additional requirements*** for admission, acceptance, matriculation, or clinical or externship courses. Please see the program descriptions in this catalog for other program specific requirements.

Before beginning classes, each student must complete the required Financial Aid applications and/or complete all timely obligations of a Tuition Payment Plan.

Students who have attended a postsecondary education institution that is accredited by an agency recognized by the U.S. Department of Education and who have completed an associate's degree or higher may use their official postsecondary school transcript to establish proof of high school graduation/GED.

Non-immigrant applicants must provide evidence of high school completion, or its international equivalent as certified by a credential evaluation organization which is a member of either the National Association of Credential Evaluation Services (NACES) http://naces.org or the Association of International Credential Evaluators (AICE) https://aice-eval.org/. Examples of country-specific requirements can be found at https://www.ece.org/ECE/Individuals/Documentation-Requirements.

Applicants will receive notification of their application status.

All policies in the Official Catalog including student conduct, refund policies, and general University policies apply to graduate students unless specifically addressed for graduate students.

Follow this link for information on Admissions Assessment Retesting - Undergraduate.

**For additional Admissions Requirements:**

- Graduate Programs
- International Students

Admissions Requirements - Undergraduate Programs

# Admissions Assessment Retesting - Undergraduate

Admissions assessments are valid for up to one year from the date of testing. Applicants who do not attend courses at ECPI University within one year of assessment will be required to retake all applicable assessments when applying for admission. A student who does not achieve scores acceptable for admission or provisional admission (see section on **Provisional Acceptance** in this catalog for more information) to ECPI University on the first attempt may retest at any time. If the student fails to achieve the acceptable scores for program entrance after the second attempt on any approved assessment, s/he must wait six months before reapplying to ECPI. If any retaken assessment is not passed after the third attempt, the applicant must wait for a period of one year from the most recent assessment date before reapplying to ECPI University.

Admissions Requirements - Undergraduate Programs

# Admissions Requirements - Business Administration Certificate

Admission is on a selective and competitive basis. ECPI University reserves the right to select those applicants who are deemed best qualified for the Business Administration Certificate program. Entrance requirements include the following prerequisites:

- **Lean Methodology and Project Management** – BUS121 Introduction to Business
- **Financial Literacy for Business Professionals** – CIS108 Office Applications

Admissions Requirements - Undergraduate Programs

# Admissions Requirements - Computer and Information Science Certificate

Admission is on a selective and competitive basis. ECPI University reserves the right to select those applicants who are deemed best qualified for the Computer and Information Science Certificate program. Entrance requirements include the following prerequisites:

- **Technical Support** – No pre-requisites
- **Linux System Administration** – CST140 Introduction to Operating SystemsIntroduction to Operating Systems and CST160 Introduction to NetworkingIntroduction to Networking
- **Windows System Administration** – CST140 Introduction to Operating SystemsIntroduction to Operating Systems and CST160 Introduction to NetworkingIntroduction to Networking, and CYB200 Network Protocols and ServicesNetwork Protocols and Services
- **Cyber Defense and Ethical Hacking** CST140 Introduction to Operating SystemsIntroduction to Operating Systems and CST160 Introduction to NetworkingIntroduction to Networking, and CST200 Linux AdministrationLinux Administration

Admissions Requirements - Undergraduate Programs

# Admissions Requirements - Criminal Justice Certificate

Admission is on a selective and competitive basis. ECPI University reserves the right to select those applicants who are deemed best qualified for the Criminal Justice Certificate program. Entrance requirements include the following prerequisites:

- **Law Enforcement Management** – ENG110 College Composition College Composition, CJ100 Introduction to Criminal Justice Introduction to Criminal Justice, and CJ110 Law Enforcement Operations Law Enforcement Operations
- **Digital Forensics** – CJ100 Introduction to Criminal Justice Introduction to Criminal Justice, CJ106 Criminal Law Criminal Law, and CJ200 Investigations Investigations
- **Foundations of Law Enforcement** – ENG110 College Composition College Composition

Admissions Requirements - Undergraduate Programs

# Admissions Requirements - Cyber and Information Security Technology | B to BS (Degree Completion)

Admission is on a selective and competitive basis. ECPI University reserves the right to select those applicants who are deemed best qualified for the Cyber and Information Security Technology, Bachelor of Science (Degree Completion) program. The Admission process includes the following:

| ADMISSION REQUIREMENTS | |
|---|---|
| 1. | Applicants must have completed a Bachelor of Science or a Bachelor of Arts degree, graduating with a minimum GPA of 2.50. *Students who do not meet the 2.50 GPA requirement may apply for admission to the B to BS (Degree Completion) program on a provisional status. Upon successful completion of the first semester of the B to BS (Degree Completion) program, a student may apply for a change of status from provisional admission to the full admission.* |
| 2. | Applicants are required to provide official high school or General Education Diploma (GED) transcripts, as well as official college transcripts for completed college level course work. An educational history evaluation will be completed upon receipt of official transcripts. Transfer credits will be evaluated according to ECPI University's transfer credit policy. |
| 3. | Relevant work or military history and industry certifications related to computer science are also evaluated. |
| 4. | Applicants are expected to have basic proficiency in common computer applications. |
| 5. | Submission of an Entrance Essay (1 page maximum length) on *Why This Program is Important for My Professional Goals*. |
| 6. | Qualified applicants who rank highest on the admissions criteria will be evaluated by an academic review committee. The academic review committee will determine final selection for admission to the B to BS (Degree Completion) program. |
| 7. | All applicants must submit to a criminal background check. |
| 8. | Entrance requirements include 60 total credits applied from previous degree/coursework, including: |
| | • 30 Arts and Sciences credits (including prerequisite coursework outlined below) |
| | • 30 elective credits |

| | 60 SEMESTER CREDIT HOURS | |
|---|---|---|
| | **COURSE TITLE** | **CREDITS** |
| ARTS AND SCIENCES | Written/Oral Communication | 6 |
| | Social/Behavioral Sciences | 6 |
| | Natural Sciences | 3 |
| | Fine Arts/Humanities | 3 |
| | Math | 3 |
| | Arts and Sciences Electives | 9 |
| ELECTIVES | General Electives | 30 |

Admissions Requirements - Undergraduate Programs

# Admissions Requirements - Culinary Arts Certificate

Admission is on a selective and competitive basis. ECPI University reserves the right to select those applicants who are deemed best qualified for the Culinary Arts Certificate program. Entrance requirements include the following prerequisites:

- Food Service Financial Management – CIS108 Office Applications
- Food Service Leadership – No pre-requisites

Admissions Requirements - Undergraduate Programs

# Admissions Requirements - Dental Assisting | AAS

Dental assisting program applicants must have a high school diploma or a GED. Dental Assisting program applicants must successfully complete the admissions assessment.



# Admissions Requirements - Diagnostic Medical Sonography | AAS

The Diagnostic Medical Sonography program has a selective review process that consists of the following:

- Diagnostic Medical Sonography program applicants must have a standard high school diploma or a GED.
- Diagnostic Medical Sonography program applicants must successfully complete the entrance assessment.
- A personal information session with the Program Director or designee is required.

## Prerequisite Courses

Must be greater than or equal to 100 level college courses only.

- College Algebra (3 credit hours)

| **HEALTHCARE EXPERIENCE (15% WEIGHTED VALUE)** | | |
|---|---|---|
| **APPLICANT POINTS CRITERIA** | **VOLUNTEER OR WORK IN A MEDICAL PROFESSION** | **VOLUNTEER OR WORK IN ULTRASOUND** |
| 1 pt | 1-2 years | 40 to 99 hours |
| 2 pt | 3-5 years | 100-199 hours |
| 3 pt | 6+ years | 200+ hours |
| **ENTRANCE ASSESSMENTS (70% WEIGHTED VALUE)** | | |
| Reading | 20% of exam values | |
| English | 20% of exam values | |
| Math | 30% of exam values | |
| Science | 30% of exam values | |
| **ACADEMIC COURSES - COLLEGE OR HIGH SCHOOL (15% WEIGHTED VALUE)** | | |
| 1 pt each, per subject, one time: | | |
| | Anatomy and Physiology | |
| | Physics | |
| | Chemistry | |
| | Biology | |
| | Medical Terminology | |



# Admissions Requirements - Emergency Medical Services | AAS

Admission to Emergency Medical Services Certification Programs in Virginia is regulated by the Board of Health, Emergency Medical Services Regulation 12VAC5-31-900. The below listed requirements have been established.

- Be a minimum of 18 years of age on the start date of the training program.
- Be proficient in reading, writing and speaking the English language.
- Hold a high school diploma, general equivalency diploma, or higher degree of education.
- Hold current certification as an Emergency Medical Technician.
- Hold current certification in an approved course in Cardiopulmonary Resuscitation.

- Be capable of performing all assigned duties. Have no defect, which would render the student unable to perform all practical skills required for this level of training. Physical performance skills must include the ability of the student to function and communicate independently, to perform appropriate patient care, physical assessments and treatments without the need for an assistant. Specific physical requirements are defined in the functional position description.
- Comply with OSHA 29 CFR part 1910.1030. A health examination and copies of immunization records is required.
- Evidence of competency in high school level mathematics and post high school English.
- Not have been convicted or found guilty of any crime, offense or regulatory violation, or participated in any other prohibited conduct identified in the Virginia EMS regulations as defined in 12VAC5-31-910

Admissions Requirements - Undergraduate Programs

## Admissions Requirements - Engineering Technology Certificate

Admission is on a selective and competitive basis. ECPI University reserves the right to select those applicants who are deemed best qualified for the Engineering Technology Certificate program. Entrance requirements include the following prerequisites:

- **Manufacturing Processes and CNC Programming** – MTH200 Pre-calculus Precalculus, PHY120 Physics Physics, MET192 Graphics Communication, & MET192L Introduction to 3-D Modeling LAB Introduction to 3D Modeling and Lab, and MTH131 College AlgebraCollege Algebra
- **CAD, Prototyping, and 3D Printing** – MTH131 College Algebra College Algebra
- **Pre-Engineering Math and Software Applications** – No pre-requisites
- **Digital Logic Systems** – MTH131 College Algebra College Algebra

Admissions Requirements - Undergraduate Programs

## Admissions Requirements - Medical Radiography | AAS

The Medical Radiography program has a selective review process that consists of the following:

- Medical Radiography program applicants must have a standard high school diploma or a GED.
- Medical Radiography program applicants must successfully complete the entrance assessment.
- A personal information session with the Program Director or designee is required.

Qualified applicants who rank highest on the admissions criteria and complete an information session with the Medical Radiography Program Director or designee are considered for admission to the program. Students will be selected based on a point system. The following criteria will be evaluated:

| **HEALTHCARE EXPERIENCE (15% WEIGHTED VALUE)** | | |
|---|---|---|
| **APPLICANT POINTS CRITERIA** | **VOLUNTEER OR WORK IN A MEDICAL PROFESSION** | **VOLUNTEER OR WORK IN RADIOGRPHY** |
| 1 pt | 1-2 years | 40 to 99 hours |
| 2 pt | 3-5 years | 100-199 hours |
| 3 pt | 6+ years | 200+ hours |
| **ENTRANCE ASSESSMENTS (70% WEIGHTED VALUE)** | | |
| Reading | 20% of exam values | |
| English | 20% of exam values | |
| Math | 30% of exam values | |
| Science | 30% of exam values | |
| **ACADEMIC COURSES - COLLEGE OR HIGH SCHOOL (15% WEIGHTED VALUE)** | | |
| 1 pt each, per subject, one time: | | |
| | Anatomy and Physiology | |
| | Physics | |
| | Chemistry | |
| | Biology | |
| | Medical Terminology | |

The Medical Radiography program requires applicants who were interviewed and provisionally accepted into the program, to submit proof of acceptable health and wellness, via a complete physical examination, including proof of specific immunizations, prior to the commencement of studies. In addition, they must undergo both a criminal background check and a drug screening test. They are required to provide medical documentation regarding any disability or physical limitation that they have, prior to final acceptance into the program. That documentation will be reviewed by the program faculty to determine if the extent of the limitation(s) is/are too limiting to complete required tasks.

## Physical Demand Requirements

Students seeking admission into the Medical Radiography Program are advised that their course of study will include classroom education, hands-on practical skills and clinical experiences. Students making the decision to enter into this program should be aware of the physical nature of both the profession and their course of study. While the profession of Radiography may be performed in a variety of settings, each with specific physical demand requirements, students must be able to demonstrate a wide range of skills that may be performed in a variety of settings to successfully complete the program.

Applicants to the program must be aware that they must possess the following abilities required of Radiography students and radiographers.

| | | |
|---|---|---|
| **Physical** | Vision | Ability to read and analyze data, formulate technical factors, evaluate the technical results, and observe patient conditions. Ability to perform all the radiographic procedures expected of a Radiography student. |
| | Hearing | Ability to hear instructions in a variety of situations, such as a darkened x-ray room, trauma room in the emergency department, and surgery; where the persons may not be facing you or they may be wearing surgical masks. Patients, who are sick, injured, elderly, and in other weakened conditions sometimes have difficulty in communicating; therefore, it is important to be able to hear them with accuracy. |
| | Motor Skills | Above average hand/eye coordination and other basic motor skills are essential. Ability to lift, move and support patients. Ability to operate various x-ray equipment including portable machines which may involve lifting, pulling, pushing, etc. Ability to stand/ walk for extended periods of time, as well as bending twisting and reaching. |
| **Mental** | Memory | Possess both short and long term memory capabilities. |
| | Critical Thinking | Ability to think critically and perform mathematical calculations, solve problems and demonstrate safe practices, including radiation protection. |
| | Interpersonal Skills | Ability to communicate effectively, both orally and in writing with patients, peers, general public and others, especially members of the health care team. |
| **Hazards Awareness** | Occupational Exposure | Students may be exposed to infectious body fluids, toxic drugs and solutions, and radiation. |
| | | |

# Admissions Requirements - Nursing | ADN

Admission is on a selective and competitive basis. ECPI University reserves the right to select those applicants who are deemed best qualified for the Associate Degree in Nursing program. The Admission process includes the following.

| **APPLICANT REQUIREMENTS** | | |
|---|---|---|
| 1. | Successful completion of the entrance assessment exam: Test of Essential Academic Skills (TEAS IV). | |
| | ***Minimum score requirements*:** | |
| | Reading: 85+ | |
| | Math: 51+ | |
| | English: 60+ | |
| | Science: 55+ | |
| | ***Criteria will be evaluated for entrance assessments:*** | |
| | Reading: 20% of exam values | |
| | Math: 30% of exam values | |
| | English: 20% of exam values | |
| | Science: 30% of exam values | |
| 2. | A minimum cumulative GPA of 2.5 is required (minimum of 9 credits) or high school GPA if no college has been attended. If the GPA is below 2.5, applicants can qualify by completing a minimum of 6 additional credits of biological science courses with a cumulative 2.5 GPA or greater in those courses. GED with a passing score meets the 2.5 GPA requirements. | |
| 3. | Applicants are required to provide official high school or General Education Diploma (GED) transcripts, as well as official college transcripts for completed college level course work. An educational history evaluation will be completed upon receipt of official transcripts. High School Honors and Advanced Placement Science courses will be considered. | |
| 4. | Relevant work history in the medical field, i.e. Practical Nursing, Military Corpsman, etc. is evaluated. | |
| 5. | Submission of an Entrance Essay (1-2 pages maximum length) on one of the following topics: (1) Academic Integrity; (2) The Art of Caring; (3) Managing College / Life Balance. Completion may increase your admission ranking. | |
| 6. | Qualified applicants who rank highest on the admissions criteria will be evaluated by an academic review committee of no less than three individuals, with representation from Nursing Administration or faculty. The academic review committee will determine final selection for admission to the ADN program. | |
| 7. | Graduates of ECPI University's Practical Nursing program who hold a current and unencumbered Practical Nursing (LPN) license may apply to the Associate Degree in Nursing (RN) program without completion of the steps outlined above. Acceptance to the program is contingent on space availability; therefore, acceptance is not guaranteed. Applicants are required to successfully complete the LPN to RN Transition Orientation course. | |
| 8. | All applicants (including Licensed Practical Nurses) must submit to a criminal background check and drug screen. | |
| 9. | All applicants (including Licensed Practical Nurses) must possess the ability to meet the minimal level of essential functional abilities required to practice as a nurse, as described by the National Council of State Boards of Nursing. | |

Financial terms as specified on Enrollment Agreements must be agreed upon in addition to meeting the academic acceptance criteria.

Applicants must complete a physical examination and provide proof of required immunizations prior to participation in skills laboratories or clinical experiences. These requirements are intended to promote the safety of patients, students, and the public, and to ensure that students are able to meet the essential functions of the nursing program.

Students with documented disabilities or medical conditions may request reasonable accommodations in accordance with the Americans with Disabilities Act (ADA) and applicable laws.  Additional information is available in the Students with Disabilities Policy and Procedures section of the Catalog.

If a potential physical or mental health condition is identified at any time during the program that may interfere with safe or satisfactory classroom or clinical performance, the student may be referred for evaluation by an appropriate licensed professional. Recommendations from a professional will be considered in determining the student's ability to meet program requirements, with or without reasonable accommodation.

Admission or continued enrollment may be denied or interrupted if a student is unable to perform the essential functions of the program and nursing profession, with or without reasonable accommodation, or if the condition poses a direct threat to the safety of patients, students, themselves, or others. Determinations will be made on an individualized basis using objective evidence and in compliance with applicable laws and regulations.

All health-related information will be maintained in accordance with applicable confidentiality and privacy standards.

## Essential Functional Abilities

Nursing is a profession that requires specific abilities. Students must be able to complete the minimal level of abilities to practice as a nurse as published by the National Council of State Boards of Nursing. RNs should be able to fully function in the following areas:

- Physical (gross and the fine motor, physical endurance, physical strength, mobility)
- Sensory (visual, tactile, olfactory, hearing)
- Cognitive (reading, arithmetic, analytical and critical thinking)
- Interactive (interpersonal, communicative)
- Contact the Program Director for questions or more information if you have questions about any one or all of the essential functional abilities. Also see the catalog section on Americans with Disabilities Act.

Admissions Requirements - Undergraduate Programs

# Admissions Requirements - Nursing | BSN

Admission is on a selective and competitive basis. ECPI University reserves the right to select those applicants who are deemed best qualified for the Bachelor of Science in Nursing program. The admission process includes the following:

| **APPLICANT REQUIREMENTS** | | |
|---|---|---|
| 1. | Successful completion of the entrance assessment exam: Test of Essential Academic Skills (TEAS IV). | |
| | ***Minimum score requirements*:** | |
| | Reading: 85+ | |
| | Math: 60+ | |
| | English: 65+ | |
| | Science: 60+ | |
| | ***Criteria will be evaluated for entrance assessments:*** | |
| | Reading: 20% of exam values | |
| | Math: 30% of exam values | |
| | English: 20% of exam values | |
| | Science: 30% of exam values | |
| | **Students who have achieved a prior baccalaureate degree may not be held to minimum score requirements.* | |
| 2. | A minimum cumulative GPA of 2.5 is required (minimum of 9 credits) or high school GPA if no college has been attended. If the GPA is below 2.5, applicants can qualify by completing a minimum of 6 additional credits of biological science courses with a cumulative 2.5 GPA or greater in those courses. GED with a passing score meets the 2.5 GPA requirements. | |
| 3. | Applicants are required to provide official high school or General Education Diploma (GED) transcripts, as well as official college transcripts for completed college level course work. An educational history evaluation will be completed upon receipt of official transcripts. High School Honors and Advanced Placement Science courses will be considered. | |
| 4. | Relevant work history in the medical field, i.e. Practical Nursing, Military Corpsman, etc. is evaluated. | |
| 5. | Submission of an Entrance Essay (1-2 pages maximum length) on one of the following topics: (1) Academic Integrity; (2) The Art of Caring; (3) Managing College / Life Balance. Completion may increase your admission ranking. | |
| 6. | Qualified applicants who rank highest on the admissions criteria will be evaluated by an academic review committee of no less than three individuals, with representation from Nursing Administration or faculty. The academic review committee will determine final selection for admission to the BSN program. | |
| 7. | All applicants (including Licensed Practical Nurses) must submit to a criminal background check and drug screen. | |
| 8. | All applicants (including Licensed Practical Nurses) must possess the ability to meet the minimal level of essential functional abilities required to practice as a nurse, as described by the National Council of State Boards of Nursing. | |
| 9. | All applicants must submit a physical examination and immunizations including, but not limited to, documentation of negative TB status; Td/Tdap; complete series of MMR and Varicella vaccination or titers documenting immunity; Hepatitis B titer documenting immunity. | |

Financial terms as specified on Enrollment Agreements must be agreed upon in addition to meeting the academic acceptance criteria.

Applicants are required to pass a physical examination and provide proof of immunizations prior to the commencement of skills labs/clinical experience. Conviction of a crime (other than a minor traffic violation) could make the student ineligible to take the licensing exam upon graduation, which is required by the profession. The student may be required to provide medical documentation of any disability or physical imitation prior to beginning classes. The rationale for these additional admission requirements is to provide reasonable assurance to the public that students are capable of performing duties required of a registered nurse upon graduation and successful preparation of the licensing exam.

## Essential Functional Abilities

Nursing is a profession that requires specific abilities. Students must be able to complete the minimal level of abilities to practice as a nurse as published by the National Council of State Boards of Nursing. RNs should be able to fully function in the following areas:

- Physical (gross and the fine motor, physical endurance, physical strength, mobility)
- Sensory (visual, tactile, olfactory, hearing)
- Cognitive (reading, arithmetic, analytical and critical thinking)
- Interactive (interpersonal, communicative)
- Contact the Program Director for questions or more information if you have questions about any one or all of the essential functional abilities. Also see the catalog section on Americans with Disabilities Act.



# Admissions Requirements - BS to BSN (Orlando)

ECPI University's Admission, Progression, and Graduation Committee ("APG Committee") is the decision-making body that determines a prospective student's eligibility for admission, reviews students' progression issues and considers readmission requests.

In determining an applicant's eligibility for admission, the APG Committee will consider, among other factors, the applicant's overall grade point average, overall science grade point average, and application materials. The APG Committee will accept students for admission on a space available basis. Applicants are not required to be a licensed Registered Nurse in order to be eligible for admission to the program. Nursing is a limited access major, which may result in qualified applicants not having the opportunity to enroll in the Bachelor of Science in Nursing program.

To be considered for acceptance, an applicant must do the following:

| APPLICANT REQUIREMENTS | | |
|---|---|---|
| 1. | Execute an Application for Admission and satisfy all prerequisites prior to the start date of the Program. | |
| 2. | Have earned a Bachelor of Science or a Bachelor of Arts degree, graduating with at least a 2.50 Grade Point Average (GPA). An official transcript is required as part of the application package. | |
| 3. | Applicants must have successfully completed all prerequisite courses, with no more than two being allowed to be in progress at the time of application. A grade of B- or higher is required for the Anatomy and Physiology prerequisites. All other Bachelor to BSN General Education Prerequisites will be reviewed in accordance with the Transferability of Credit policies. See prerequisite courses listed below. | |
| | a. Anatomy and Physiology: | (8 semester credit hours/ 12 quarter credit hours, Parts I and II, with labs) |
| | b. Statistics: | (3 semester credit hours/ 4.5 quarter credit hours) |
| | c. Social Science: Sociology or Psychology | (3 semester credit hours/ 4.5 quarter credit hours) |
| | d. Human Growth and Development or Developmental Psychology: | (3 semester credit hours/ 4.5 quarter credit hours) |
| | e. English: | (3 semester credit hours/ 4.5 quarter credit hours) |
| | f. Additional General Education Elective: | (11 semester credit hours / 16.5 quarter credit hours) |
| 4. | Present two letters of reference, including one from an academic source. | |
| 5. | Submit a résumé or curriculum vitae. | |
| 6. | Submit an essay as part of the application package, addressing the applicant's desire to pursue a baccalaureate degree in nursing, including the rationale for choosing this professional pathway. | |
| 7. | Completed FDLE/FBI criminal background checks. The components of the background check include two parts: | |
| | a. A background check done online through VerifiedCredentials.com. | |
| | b. A Level II Criminal Background Check from the Florida Department of Law Enforcement and the Federal Bureau of Investigation. Contact the University to have a FDLE / FBI fingerprint card to be sent to you. All applicants are advised to begin the process well in advance of submitting the application package to the University. Your application cannot be processed without these background check results. | |
| 8. | Must make satisfactory financial arrangements to provide for complete payment of all amounts expected to be due to the institution for tuition and fees. This requirement may include, but is not limited to, the completion of credit applications, financial aid applications and forms (if the applicant wishes to apply for financial aid), and the execution of promissory notes or other documents necessary to obtain the requisite financial aid or other financial assistance. | |
| 9. | Take the Test of Essential Academic Skills (TEAS). | |
| 10. | Additionally, applicants for the Bachelor of Science in Nursing program may be required to have a personal interview by the Campus President/ Campus Director of Academic Affairs (or his or her designee), either in person or by phone. | |

## Essential Functional Abilities

Nursing is a profession that requires specific abilities. Students must be able to complete the minimal level of abilities to practice as a nurse as published by the National Council of State Boards of Nursing. RNs should be able to fully function in the following areas:

- Physical (gross and the fine motor, physical endurance, physical strength, mobility)
- Sensory (visual, tactile, olfactory, hearing)
- Cognitive (reading, arithmetic, analytical and critical thinking)
- Interactive (interpersonal, communicative)
- Contact the Program Director for questions or more information if you have questions about any one or all of the essential functional abilities. Also see the catalog section on Americans with Disabilities Act.

## Accepted Student Requirements

To be admitted, an applicant who has been accepted must satisfy the admissions requirements as follows:

| REQUIREMENTS AFTER ACCEPTANCE | | |
|---|---|---|
| 1. | Take a tour of the campus and execute an Enrollment Agreement. | |
| 2. | Attend an orientation or obtain a waiver of the requirement to attend an orientation from the Campus President/Dean. | |
| 3. | Meet the health requirements imposed by the clinical agencies, as set forth in (a) through (f). | |
| | a. **Health Form**: | Have a health form completed by a licensed provider (MD, NP or PA). |
| | b. **MMR (Measles, Mumps, Rubella)**: | Provide documentation of two immunizations or positive titer. |
| | c. **DT (Diphtheria/ Tetanus)**: | Provide documentation of immunization within the last ten (10) years. |
| | d. **Varicella (Chicken Pox)**: | Provide documentation of satisfactory titer or immunization. History of disease does NOT meet this requirement. |
| | **e. Hepatitis B**: | Provide documentation of a completed Hepatitis B vaccine series. |
| | **f. Mantoux Tuberculin Skin Test**: | Be free of active (contagious) tuberculosis and provide documentation of a recent Mantoux tuberculin skin test using the two-step method conducted within the last 12 months. (Students will also be required to maintain at their own expense a current Mantoux Tuberculin Skin Test during their enrollment at ECPI University.) Students who test positive must meet current Center for Disease Control ("CDC") guidelines regarding annual chest x-rays. |
| 4. | Provide documentation of personal health insurance. | |
| 5. | Provide documentation of a current certification in basic life support for healthcare providers (BLS-HCP) offered by the American Heart Association. | |

## Acceptance of Academic Credit

Applicants must have completed a Bachelor of Science or a Bachelor of Arts degree, graduating with at least at 2.50 GPA. An official transcript is required as part of the application package.

**For information on the transfer of credit - See the** Transferability of Credit policy**, being sure to review the Nursing | BS to BSN section.**



# Admissions Requirements - Practical Nursing Diploma

***(These policies apply to Virginia, North Carolina, and South Carolina campuses)***

Students must meet minimum application thresholds to be considered a qualified applicant.

| APPLICANT REQUIREMENTS | | |
|---|---|---|
| 1. | Successful completion of the entrance assessment exam*: | |
| | **TEST OF ESSENTIAL ACADEMIC SKILLS (TEAS IV)** | |
| | ***Minimum score requirements*:** | |
| | Reading: 80+ | |
| | Math: 51+ | |
| | ***Provisional score requirements*:** | |
| | Reading: 75-79+ | |
| | Math: 42-50 (MTH099 Introduction to College Algebra required) | |
| | **TEST OF ESSENTIAL ACADEMIC SKILLS (TEAS V)** | |
| | ***Minimum score requirements*:** | |
| | Reading: 58.3+ | |
| | Math: 55+ | |
| | ***Provisional score requirements*:** | |
| | Reading: 55.3+ | |
| | Math: 55+ (MTH099 Introduction to College Algebra required) | |
| | **PN Students may take either transitional math or be admitted under provisional status for Reading scores, but not both. TEAS versions (IV, V) vary by campus location.* | |
| 2. | Record of high school graduation or high school equivalent. | |
| 3. | Ability to meet minimal level of essential functional abilities required to practice as a nurse as described by the National Council of State Boards of Nursing. | |
| 4. | Physical and emotional health that would provide evidence that is indicative of the applicant's ability to provide safe nursing care to the public. | |

Applicants must complete a physical examination and provide proof of required immunizations prior to participation in skills laboratories or clinical experiences. These requirements are intended to promote the safety of patients, students, and the public, and to ensure that students are able to meet the essential functions of the nursing program.

Students with documented disabilities or medical conditions may request reasonable accommodations in accordance with the Americans with Disabilities Act (ADA) and applicable laws. Additional information is available in the Students with Disabilities Policy and Procedures section of the Catalog.

If a potential physical or mental health condition is identified at any time during the program that may interfere with safe or satisfactory classroom or clinical performance, the student may be referred for evaluation by an appropriate licensed professional. Recommendations from a professional will be considered in determining the student's ability to meet program requirements, with or without reasonable accommodation.

Admission or continued enrollment may be denied or interrupted if a student is unable to perform the essential functions of the program and nursing profession, with or without reasonable accommodation, or if the condition poses a direct threat to the safety of patients, students, themselves, or others. Determinations will be made on an individualized basis using objective evidence and in compliance with applicable laws and regulations.

All health-related information will be maintained in accordance with applicable confidentiality and privacy standards.

## Essential Functional Abilities

Nursing is a profession that requires specific abilities. Students must be able to complete the minimal level of abilities to practice as a nurse as published by the National Council of State Boards of Nursing. RNs should be able to fully function in the following areas:

- Physical (gross and the fine motor, physical endurance, physical strength, mobility)
- Sensory (visual, tactile, olfactory, hearing)

- Cognitive (reading, arithmetic, analytical and critical thinking)
- Interactive (interpersonal, communicative)
- Contact the Program Director for questions or more information if you have questions about any one or all of the essential functional abilities. Also see the catalog section on Americans with Disabilities Act.

Admissions Requirements - Undergraduate Programs

# Admissions Requirements - Nursing | RN to BSN

The RN to BSN Completion Program requires applicants to have an associate degree or diploma in nursing. All applicants must hold a valid, unencumbered license to practice registered nursing in their state of residence, and have a 2.5 GPA or better in the past nursing program. Students who do not meet the 2.5 GPA requirement may apply for admission to the RN to BSN program on a provisional status. Upon successful completion of the first semester of the nursing curriculum, a student may apply for a change of status from provisional admission to the full admission. All applicants are required to submit a resume demonstrating work experience as an RN.

The full-time program is 45 weeks (9, five-week terms) in length. The part-time option is 17 terms. The classes are delivered online. All of the upper level general education courses are available online. One course requires a practical experience (NUR456 Senior Practicum), one course (NUR444L Community Health Lab) requires a virtual lab (30 hours), and one course requires lab practice (NUR340 Health Assessment).

Students are required to successfully complete an Online campus' orientation before they are enrolled for classes. In addition, students are encouraged to take an online tutorial available via the internet at https://orientation.ecpi.net/. These resources provide information on the nature of faculty/student interaction, prerequisite technology competencies, and skills, technical equipment requirements, and availability of academic support services information pertaining to technical requirements, etc.

## Essential Functional Abilities

Nursing is a profession that requires specific abilities. Students must be able to complete the minimal level of abilities to practice as a nurse as published by the National Council of State Boards of Nursing. RNs should be able to fully function in the following areas:

- Physical (gross and the fine motor, physical endurance, physical strength, mobility)
- Sensory (visual, tactile, olfactory, hearing)
- Cognitive (reading, arithmetic, analytical and critical thinking)
- Interactive (interpersonal, communicative)
- Contact the Program Director for questions or more information if you have questions about any one or all of the essential functional abilities. Also see the catalog section on Americans with Disabilities Act.

## Disclosure

Requirements regarding distance education and practicum experiences vary from state to state. The student’s initial program application is reviewed using the address provided upon enrollment to determine individual ability to complete the program and practicum requirements in the student’s state.

It is the responsibility of the student to inform the Program Director and ECPI University of address changes prior to relocation. Changing the state of residence during the course of the RN to BSN program may alter the ability of students to complete the RN to BSN program.

Admissions Requirements - Undergraduate Programs

# Admissions Requirements - Physical Therapist Assistant | AAS

The selective admission process is based on the following: high school GPA, College GPA or GED scores, admission assessment exam scores, college Anatomy & Physiology, Physics and/or Chemistry GPA, college credits/degree, Physical Therapy hours, and professional references. Students must meet minimum application thresholds to be considered a qualified applicant.

- A high school or college GPA of 2.5, or GED
- Successful completion of the reading, math, science, and English assessment exam

Additional consideration will be given for prior college coursework, professional references, and Physical Therapy volunteer/technician hours.

Qualified applicants, who rank highest on the admissions criteria and successfully complete an interview with a PTA Program representative, are considered for admission to the program. A Review Committee makes the final decision for acceptance into the PTA program.

Admissions Requirements - Undergraduate Programs

# Admissions Requirements - Radiologic Sciences | BS

The Bachelors of Science in Radiologic Sciences (B.S.R.S.) program requires applicants to have an associate’s degree or certificate in Medical Radiography. All applicants must hold a valid, ARRT certification to practice radiography in the United States, and hold a minimum 2.5 GPA. Students who do not meet the 2.5 GPA requirement may apply for admission to the B.S.R.S. program on a provisional status. Upon successful completion of the first semester of the B.S.R.S. curriculum, a student may apply for a change of status from provisional admission to the full admission. All applicants are required to submit a resume demonstrating current work experience as a radiographer.

The full-time program is 45 weeks (Nine, five-week terms) in length. The part-time option is 15 terms or approximately 5 semesters. The classes are delivered online. There are no clinical externships needed to complete the program.

Students are required to successfully complete an Online campus orientation before they are enrolled for classes. In addition, students are encouraged to take an online tutorial available via the internet at http://ecpicollege.com/?id=test#. These resources provide information on the nature of faculty/student interaction, prerequisite technology competencies and skills, technical equipment requirements, and availability of academic support services information pertaining to technical requirements, etc.

# Admissions Requirements - Graduate Programs

Qualified applicants for the Graduate level degree program must meet the following requirements:

| REQUIREMENTS | | |
|---|---|---|
| 1. | **Complete a Personal Interview** | Students are required to meet with an admissions advisor and discuss career goals, interests, financial planning, and needs. This interview is typically conducted during a visit and tour of the school or, in extenuating circumstances, and for online students, the interview may be completed by telephone. |
| 2. | **Complete a Graduate Application for Admission and Enrollment Agreement** | A non-refundable $50 fee is submitted with the Graduate Application for Admission and does not reduce the total tuition due. |
| 3. | **Submit official transcripts confirming graduation of a bachelor's degree in a related discipline** | Official transcripts must be received within the student's first term or the student will be dismissed (official transcripts must be received directly from the post-secondary institution to ECPI University). The degree, if earned in the US, must be from an accredited academic institution recognized by the Council of Higher Education Accreditation (CHEA). In those cases where a student has met the undergraduate achievement but has course deficiencies, the academic leader for the program will identify the criteria that must be met to remove deficiencies. (See program specific requirements below.) |
| 4. | **Undergraduate Cumulative Grade Point Average (CGPA) of 2.5** | Undergraduate Cumulative Grade Point Average (CGPA) of 2.5 (on a 4.0 scale) for institutions that calculate CGPA. For applicants who have an undergraduate CGPA of less than 2.5, the applicant may be asked to submit GMAT or GRE test scores for review. |
| 5. | **English Language Proficiency** | English Language Proficiency. See the English Language Proficiency Policy in this Catalog. |
| 6. | **Non-immigrant applicants** | Non-immigrant applicants will provide evidence, in the form of an official post-secondary school transcript, of having earned a bachelor's degree in a related discipline. The degree must be from an accredited academic institution recognized by the Council of Higher Education Accreditation (CHEA) or its international equivalent, as certified by a credential evaluation organization which is a member of the National Association of Credential Evaluation Services (NACES). Examples of country-specific requirements can be found at https://www.ece.org/ECE/Credential-Evaluations/Documentation-Requirements. |

In addition to the Admissions Criteria for Graduate Programs, qualified applicants for the following programs must also meet the requirements as outlined on each page.

- Master of Business Administration
- Master of Science in Nursing
- Master of Science in Cybersecurity
- Master of Science in Systems Engineering

**For additional Admissions Requirements:**

- Undergraduate Programs
- International Students

Admissions Requirements - Graduate Programs

# Master of Business Administration

In addition to the Admissions Criteria for Graduate Programs, qualified applicants for the Master of Business Administration program must meet the following requirement:

**Bachelor of Science degree** in a business related discipline with a basic understanding of business principles. The degree must be from an accredited academic institution recognized by the Council of Higher Education Accreditation (CHEA). Applicants who do not have previous undergraduate coursework in a business related discipline may be required to validate their basic understanding of business through work experience or by completing a bridge course or one or more undergraduate courses, to include accounting, finance, and statistics.

Admissions Requirements - Graduate Programs

# Master of Science in Cybersecurity

In addition to the Admissions Criteria for Graduate Programs, qualified applicants for the Master of Science in Cybersecurity or Master of Science in Information Systems program must meet the following requirements:

**Bachelor of Science degree in Computer Science or Information Systems/Assurance or related field**. The degree must be from an accredited academic institution recognized by the Council of Higher Education Accreditation (CHEA), if earned in the US. Applicants who do not have previous undergraduate coursework in computer science or information systems/assurance may be required to complete one or more undergraduate courses.

Admissions Requirements - Graduate Programs

# Master of Science in Engineering Technology

In addition to the Admissions Criteria for Graduate Programs, qualified applicants for the Master of Science in Engineering Technology program must meet the following requirements:

**Bachelor of Science degree in an Engineering related field**. The degree must be from an accredited academic institution recognized by the Council of Higher Education Accreditation (CHEA), if earned in the US. Applicants who do not have previous undergraduate coursework in an engineering related field may be required to complete one or more undergraduate courses.

Students from outside the discipline and/or those who do not have the required prerequisites may be required to complete leveling courses based on the concentration and the applicant's degree.

Admissions Requirements - Graduate Programs

# Master of Science in Healthcare Administration

In addition to the admissions criteria for graduate programs, qualified applicants for the Master of Healthcare Administration must meet the following requirements:

- Bachelor's degree in Health Administration or health-related field from an academic institution recognized by the Council of Higher Education Accreditation (CHEA). ECPI University graduates with a Bachelor's degree in Business Administration or Organizational Leadership are required to take a two-semester credit hour course in Fundamentals of Healthcare and pass with a grade of 80 or higher, before being admitted to the MHA program.
- Submit a current resume and personal goal statement.

Admissions Requirements - Graduate Programs

# Master of Science in Nursing

In addition to the Admissions Criteria for Graduate Programs, qualified applicants for the Master of Science in Nursing program must meet the following requirements:

| MSN APPLICANT REQUIREMENTS | |
|---|---|
| **Bachelor's degree in Nursing from an academic institution recognized by the Council of Higher Education Accreditation (CHEA)** | Applicants with "current and unencumbered" RN licensure in the United States who hold a foreign BSN degree must have their transcripts evaluated to determine the academic equivalency to U.S. educational standards.<br>In any circumstance where the Office of Admissions is unable to determine the academic level or course credit awarded in relation to U.S. educational standards, applicants will be asked to submit their transcripts to a member of the National Association of Credential Evaluation Services (NACES) or the Association of International Credential Evaluators, Inc. (AICE). Applicants must pay the evaluation fee directly to the NACES or AICE member.<br>Applicants who do not have previous undergraduate coursework in statistics, health assessment, or research, will be required to complete these prerequisite courses prior to acceptance in the graduate program. The MSN Director or Associate Director will review undergraduate transcripts, resumes, and licenses. |
| **Current Resume, Unencumbered RN License, and Written Essay** | Each applicant must submit a current resume that indicates three months or more RN experience within the past three years, an active/unencumbered RN license in state of residence, and a written essay. |
| **Completion of MSN Orientation** | Before the start of the first term of study, the applicant must complete the 1-week online orientation. |

## Essential Functional Abilities

Nursing is a profession that requires specific abilities. Students must be able to complete the minimal level of abilities to practice as a nurse as published by the National Council of State Boards of Nursing. RNs should be able to fully function in the following areas:

- Physical (gross and the fine motor, physical endurance, physical strength, mobility)

- Sensory (visual, tactile, olfactory, hearing)
- Cognitive (reading, arithmetic, analytical and critical thinking)
- Interactive (interpersonal, communicative)
- Contact the Program Director for questions or more information if you have questions about any one or all of the essential functional abilities. Also see the catalog section on Americans with Disabilities Act.

Admissions Requirements - Graduate Programs

## Master of Science in Physician Assistant

Please refer to the Admissions Guidebook located at: https://www.ecpi.edu/programs/master-science-physician-assistant

Admissions Requirements - Graduate Programs

## Master of Science in Systems Engineering

In addition to the Admissions Criteria for Graduate Programs, qualified applicants for the Master of Science in Systems Engineering program must meet the following requirements:

**Bachelor of Science degree in Engineering or Computer Science related field**. The degree must be from an accredited academic institution recognized by the Council of Higher Education Accreditation (CHEA), if earned in the US. Applicants who do not have previous undergraduate coursework in engineering or a computer science related field may be required to complete one or more undergraduate courses.

# Admissions Requirements - International Students

ECPI University defines an international student applicant for admission as any **non-US Citizen** who currently lives:

- outside of the United States and plans to enter the United States through the use of appropriate student visa documentation issued by ECPI University.
- inside the United States in valid academic or vocational student non-immigrant status and wishes to transfer to ECPI University from another educational institution; or,
- inside the United States in any other non-immigrant classification, and wishes to obtain valid academic or vocational student non-immigrant status in conjunction with attending ECPI University.

Legal permanent residents of the US, residents of US territories, naturalized citizens, refugees, as well as non-immigrant aliens granted asylum to the US are **not** considered international students.

In addition to meeting the standard requirements of admission to ECPI University, international applicants must fulfill the following additional requirements. To document financial support, copies of original financial statements are required.

| APPLICANT REQUIREMENTS | |
|---|---|
| 1. | A completed and signed ECPI University International Student Application Attestation Form. |
| 2. | A completed and signed International Student Affidavit of Financial Support. |
| 3. | Scanned copies of original and official financial statements. Financial statements (typically provided by a bank) must verify sufficient funds to cover the cost of the educational program for the first academic year as well as all living expenses and must demonstrate access to liquid assets available within the last six-months of the date of submission. If the financial statements are not in the applicant's name, a completed affidavit form or letter is required. |
| 4. | A scanned copy of the applicant's passport (picture and information pages). (Any applicants currently residing outside of the United States who have not yet acquired a passport will need to submit a copy of their birth certificate to validate date of birth and country of citizenship.) |
| 5. | For all non-immigrant applicants residing in the US at the time of application, a photocopy of the visa page contained within the applicant's passport. |
| 6. | For all non-immigrant applicants residing in the US at the time of application, a photocopy of the applicant's Form I-94 Arrival/Departure Record (both sides). |
| 7. | For all non-immigrant applicants residing in the US at the time of application who currently hold valid F-1, M-1, or J-1 non-immigrant classification: written confirmation of current non-immigrant alien status from the school through which that non-immigrant alien status was secured. |
| 8. | Proof of Health Insurance or signed insurance waiver form. Typically, this is a photocopy of a health insurance identification card, which includes: |
| | • Policy number |
| | • Group and/or individual identification number |
| | • Full name of the policy holder |
| | • Beneficiary's name, if the beneficiary is not the policy holder. |
| | • Start date of health insurance coverage as well as the expiration date of health insurance coverage. |

Applicants who do not possess health insurance must be prepared to purchase health insurance through an approved ECPI University provider upon matriculation into the University.

## Other Requirements

ECPI University reserves the right to make exceptions on any Admissions decision and exceptions are at the sole discretion of the University and are on a case-by-case basis. The Director of Admissions reserves the right to request additional information to determine admissions eligibility for any applicants. Failure to provide additional documentation may affect your admission to the University.

See also International Scholarship Policies.

**For additional Admissions Requirements:**

- Undergraduate Programs
- Graduate Programs

# Welcome to the Financial Services Section



**Navigate the financial aid policies using the menu to the left, or choose from the following additional policy categories below:**

- Academics Policies
- Admissions Policies
- Student Conduct Policies
- University Policies

Financial aid is available to help qualified students pay for their education. ECPI offers many financial aid options to help students and their families determine the best way to pay for an education. ECPI is committed to helping each student find the best solution to meet his/her needs and pursues this educational investment.

Student aid is awarded based on the applicant's need and factors such as income, assets, and benefits. Financial aid applications and a guide to financial aid are available from the Financial Aid Department. The guide provides general information regarding eligibility, application processes, and Federal financial aid programs.

Financial aid application forms are to be completed and submitted to a Financial Assistance Advisor. Students receive a financial aid award letter when their application for financial aid has been processed that states the type, amount, and conditions of financial aid offered. The number of credits a student attempts each term also affects financial aid eligibility.

Students are required to apply for financial aid each academic year (two semesters). Forms are available in the financial aid office.

Students receiving financial aid must maintain Satisfactory Academic Progress Policy (SAP) as indicated in this *Catalog* in order to retain eligibility for both Federal and ECPI financial assistance.

ECPI students may make monthly in-school payments to the University. The in-school payments may reduce the amount of money students borrow and must repay after they graduate or withdraw. The student should contact their financial aid advisor if they would like more information about payment options and plans.

Financial Aid Policies

## Availability of Employee for Dissemination Purposes

The University has designated a group of employees who are available to assist enrolled or prospective students in obtaining institutional and financial assistance information for students as specified in Sections 668.42, 668.43, 668.45, and 668.46 of the Code of Federal Regulations.

Their combined work schedules have been arranged so that at least one of them is available, upon reasonable notice, throughout the normal administrative working hours of the University.

Please see our contact information within each **Campus** page for assistance across all departments and campuses. They will coordinate/organize the resources necessary to satisfy all relevant data requests.

Financial Aid Policies

## Definition of Financial Need

Financial need is defined as the difference between the cost of attending school and the student's (and/or the family's) Student Aid Index (SAI). A Central Processor to whom the student's Free Application for Federal Student Aid (FAFSA) is submitted conducts determination of the SAI, based on federal guidelines. The School's Financial Aid Director or staff then determines the student's Cost of Attendance, which generally consists of tuition and fees and average living expenses based on nationally published data. The federal need formula can be stated as follows: Cost of Attendance – SAI - estimated financial assistance not received under Title IV = Financial Need. Financial need determines eligibility for different sources of student aid.

Financial Aid Policies

## Title IV Eligibility Requirements

In general, an applicant to ECPI is eligible to apply for Federal Title IV financial assistance if the following criteria are met:

| TITLE IV ELIGIBILITY REQUIREMENTS | | |
|---|---|---|
| 1. | Be a United States citizen or national; U.S permanent resident or other eligible noncitizen; or a citizen of the Freely Associated States. | |
| 2. | Have a valid Social Security Number or, for citizens of the Freely Associated States, a pseudo SSN assigned during the FAFSA application process. | |
| 3. | Have financial need, for some sources of student aid. | |
| 4. | Have a high school diploma; a recognized equivalent of a high school diploma, such as a General Education Development (GED) or certificate; or have completed secondary education in a homeschool settings. | |
| 5. | Be enrolled or accepted for enrollment as a regular student at ECPI for the purpose of obtaining a degree or certificate offered by ECPI University. | |
| 6. | Make satisfactory academic progress as outlined in the school policies herein. | |
| 7. | Sign a statement on the Free Application for Federal Student Aid (FAFSA) certifying that you 1) will use federal and/or state student financial aid only to pay the cost of attending an institution of higher education, 2) are not in default on any Federal Student Aid loan and do not owe an overpayment on any Federal Student Aid grant, or have made satisfactory arrangements to repay them, 3) will notify your college if you default on a federal student loan and 4) will not receive a Federal Pell Grant from more than one college for the same period of time. | |
| 8. | Have not exceeded annual or aggregate loan limits. | |
| 9. | For the Pell Grant program eligibility, the student may not have previously earned a bachelor’s, master's or first professional degree. | |
| 10. | For Direct Subsidized/Unsubsidized and Direct PLUS LOAN programs, the student must be enrolled at least half-time. | |

HEOA Sec. 489 amended HEA Sec. 485B(d)(4) (20 U.S.C. 1092b) Institutions that enter into an agreement with a potential student, student, or parent of a student regarding a Title IV, HEA loan are required to inform the student or parent that the loan will be submitted to the National Student Loan Data System(NSLDS), and will be accessible by guaranty agencies, lenders, and institutions determined to be authorized users of the data system.

Applicants under the age of 24 are considered to be dependent by federal definition and are required to have parental participation in completing the financial aid forms and the financial aid process.

An applicant has the right to appeal all financial aid decisions. Such appeals must be in writing, made to the Director of Financial Aid within 10 calendar days of the date of the decision. The Financial Aid Director and the Campus President will review all appeals and inform the applicant of the University’s decision within 30 calendar days of the receipt of the appeal.

Financial Aid Policies

## Financial Aid Received Prior to Attending ECPI

Federal regulations require an institution to determine all previous Federal Title IV aid received by the student prior to disbursement of funds. When a FAFSA is processed, the FASFA Processing System (FPS) matches students against the National Student Loan Data System (NSLDS). ECPI will review all NSLDS data reported by each school at which a student was previously enrolled. Financial aid awarded at other schools could limit the amount of financial aid available at ECPI.

Financial Aid Policies

## Loan Default Prevention

Students are responsible to repay, in full, all loans used to pay for their education. Repayment of student loans helps ensure the availability of loan funds for the future. Borrowers are encouraged to take the responsibility of loan repayment seriously.

Some helpful hints on avoiding delinquency are as follows:

| WAYS TO AVOID DELINQUENCY |
| --- |
| • Send in the required payment each month even if a bill was not received. |
| • Send in larger or additional payments to reduce the amount of interest paid on the loan. Be sure to indicate that the extra amount should be applied to the principal or used as a future payment. |
| • Remember that overpaying one month does not mean that the next month's payment can be skipped or that it will be reduced. |
| • Call your lender/servicer immediately if the payment will not be made on time or in cases of financial hardship. The lender/servicer may be able to work out an alternative plan. |
| • Know the deferment rights. After sending in the necessary forms, follow up with the lender/servicer to confirm that the appropriate loan(s) has been deferred. |
| • Understand the borrower's rights and responsibilities under each loan program. Keep all paper work such as promissory notes, lender correspondence, cancelled checks, etc. |
| • Always call to resolve a discrepancy. |
| • Never ignore correspondence or requests for payment from the lender/servicer. |

If a default does occur on the loan(s), in spite of all the arrangements available to prevent this from happening, one or more of the following repercussions may occur:

| DEFAULT REPERCUSSIONS | | |
| --- | --- | --- |
| • The default status may be reported to a national credit bureau and have a negative effect on credit ratings for seven years. | | |
| • Deferment possibilities may be lost. | | |
| • Wages may be garnished. | | |
| • Federal and state income tax refunds may be withheld. | | |
| • Ineligibility status for any further federal or state financial aid funds. | | |
| • The entire unpaid amount of the loan, including interest and cost of collection, may become due and payable immediately. | | |
| • Students may obtain additional information about loan repayment and default prevention guidance from the Financial Aid Office. | | |

## Refund Policies



Refund policies are an essential aspect of financial planning for your education, ensuring you understand the conditions under which you may receive a refund of tuition or fees. These policies outline the circumstances under which refunds are granted, including withdrawal from courses, program changes, or institutional cancellations, as well as the timelines and procedures for requesting a refund. It is important to familiarize yourself with these policies to avoid any unexpected financial liabilities and to ensure compliance with institutional and regulatory requirements. This section provides a comprehensive guide to the refund process, including key deadlines, eligibility criteria, and how refunds are calculated.

Students considering withdrawing from a course/program should read all of the following sections of the Catalog:

- Refund Policies
- Satisfactory Academic Progress Policy-Undergraduate Programs | Satisfactory Academic Progress-Graduate Programs
- Grade Policies- Final Grades
- Course Withdrawals
- Leave of Absence Policy
- Readmission Procedure
- Add/Drop Period

Financial Aid Policies

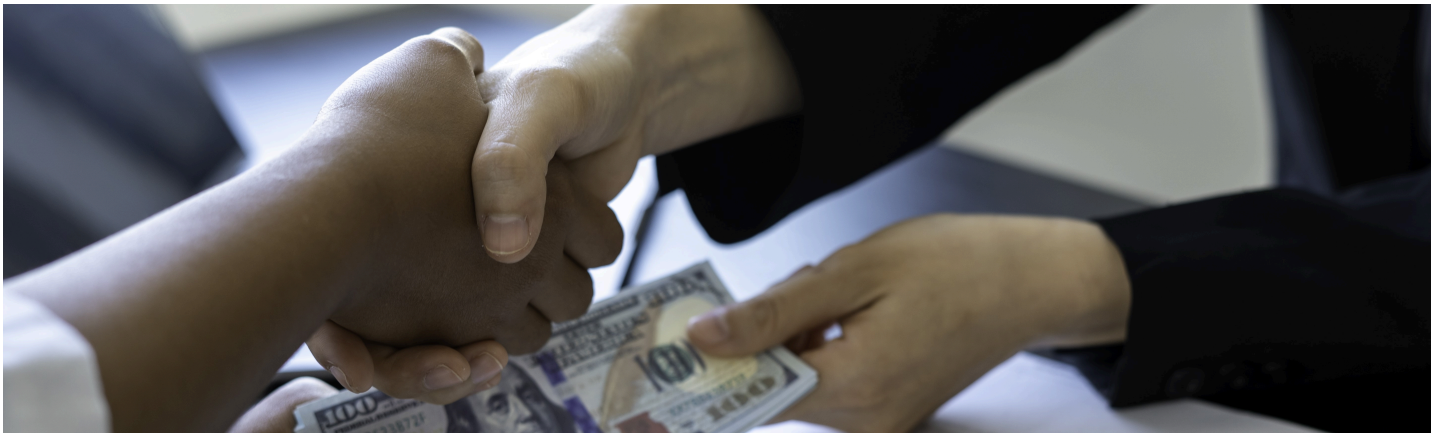
## Renewal Applications

Students must reapply for financial aid in each new academic year. In some cases this may require the completion of a Renewal FAFSA. Renewal-eligible students automatically receive a renewal reminder by email if they provide an email address in the previous application year. Students must complete all required applications and submit additional paperwork as necessary five weeks before they start a new academic year. Failure to do so could result in the student being required to make cash payments to the University or being dismissed from ECPI.

Note: The entire financial aid application process and verification process, if applicable, must be completed for each academic year.

Financial Aid Policies

## Sources of Financial Aid



When planning for your education, understanding the various sources of financial aid available is crucial. Financial aid can come from multiple sources, including federal and state governments, educational institutions, private organizations, and employers. These resources are designed to help reduce the financial burden of higher education and make it more accessible to students from all backgrounds. This section provides an overview of the different types of financial aid you may qualify for, including grants, scholarships, loans, and work-study opportunities, along with guidance on how to apply and manage your aid effectively.

Click the links below to learn more.

ECPI Scholarships | International Scholarship Policies

Federal Aid Programs

Veterans Benefits

Other Financial Sources

Financial Aid Policies

# Student Cost of Attendance

An average cost of attendance for a student attending ECPI University consists of tuition and fees, food and housing allowance, transportation allowance, personal and miscellaneous allowance, and books/supplies allowance. Tuition and direct academic costs are assessed for one academic year. Living expenses are estimated using nationally approved living expense guidelines. These components of the cost of attendance are estimates and will vary from student to student depending on the program, course load, and the student's living arrangements (students living with parents, living on their own, or military housing).

For specific details on calculating cost of attendance, contact the Financial Aid Department.

Financial Aid Policies

# Requirements for Verification

Federal regulations require that application data be matched against several databases: those of National Student Loan Data Services (NSLDS), FAFSA Processing System (FPS), The Department of Defense, the Department of Justice, the Social Security Administration, Department of Veterans Affairs, and the Department of Homeland Security (DHS). An unsuccessful match to any of these databases will require students and/or parents provide documentation to validate their current status. For any failed database match, your Financial Aid Administrator will advise you of the documentation required and which must be provided to be eligible for financial aid.

Some student aid applications are also subject to a process called verification.  This process involves documenting the information submitted on the student's Free Application for Federal Student Aid (FAFSA) and verifying that the information is correct.

The procedures governing verification are as follows:

## School Policy for Timeline in Completing Verification

The School will complete the "Notification of Verification Document Required Form" and email or meet with students in person to explain what is required.

Verification is required to be completed before the start of a program or within 30 days of notification.

Under extenuating circumstances the Institution may, at their option, accept completed verification documentation after the above deadline. Other federal deadlines may also apply.

Students who do not complete verification in the above time frame may have a delay or loss of subsidized financial aid and may be prevented from registering for subsequent classes.

## Acceptable Documentation

The Department of Education publishes an annual notice announcing the FAFSA information that an institution and an applicant may be required to verify for an applicant selected for verification by the Department, and the acceptable documentation for that information. If an application is selected for verification by the FAFSA Processing System (FPS), the resulting Student Aid Report (SAR) will indicate that verification is required.  In addition to this, ECPI University may choose to select an application for verification. In either case, students will be notified of the documentation required to complete the verification process by their Financial Aid Administrator.

## Applicant's Rights and Responsibilities in Regard to Verification

Each applicant has the right to be informed that s/he has been selected for verification and the responsibilities associated with verification selection.  Consequences for not meeting those responsibilities, are explained in detail orally, and when deemed necessary by the University or if requested by the applicant, presented in writing.

## Correction to Information

All conflicting data must be resolved and if, as the result of verification or another documentation process, it becomes necessary to correct any of the information on an ISIR, the student may be required to make a correction or the Financial Aid Department with acceptable documentation will submit the corrections electronically to the U.S. Department of Education. A new ISIR, showing the corrected information is then generated. Applicants may be required to verify correctness and sign the revised ISIR.

If corrections result in a change in eligibility, students will be advised and a revised award letter will be reviewed for approval.

If ECPI has reason to believe that any application has been intentionally submitted under false or fraudulent pretenses, such application will be referred to the Federal Office of the Inspector General.

Note: Failure to provide required information could result in a new student being denied admission to ECPI University, and a student already attending classes could be dismissed for failure to meet financial obligations to the school.

# Refund Policies

Review the following scenarios that impact any refunds.

## If ECPI Postpones the Program Start Date

If ECPI postpones the Program start date, the student is entitled to a full refund of all monies paid to ECPI if the request is made within fifteen days of receiving notice of the Program's postponement.

## If ECPI Discontinues the Program

If ECPI discontinues the Program and the student has not yet begun classes, he/she may transfer to another program and all monies paid will be applied to the new program. If the student has completed coursework in the discontinued Program, they will be provided an opportunity to complete all outstanding coursework at ECPI and earn the appropriate credential for the Program.

## If The Student Cancels Within 3 Business Days

The student may cancel this Agreement, without any penalty or obligation, within three business days from the date he/she signs this Agreement, in which event the student will be returned any payment within 30 days following receipt by ECPI of the cancellation notice, excluding the non-refundable application fee, and any security interest arising out of this Agreement will be voided. The student will have the right to apply for reinstatement within twelve months from the date they signed this Agreement, at which time a credit will be given for the non-refundable application fee. To cancel this Agreement, the student must mail or deliver a signed and dated copy of their written cancellation notice to ECPI at the campus location noted on page one of their Agreement no later than midnight on the third business day.

Students who have not visited ECPI prior to enrollment may withdraw without penalty within three days following either their scheduled class orientation or following a tour of ECPI and its facilities, whichever is earlier.

## If The Student Withdraws During the Trial Period

New undergraduate students attending their first course at ECPI are in a "trial period," which is typically five weeks. For certificate (Micro-credential) programs, the trial period is one week.  For courses that are longer than five weeks, the trial period ends with the 5th week. If the student withdraws during the trial period, ECPI will refund all money paid except for the non-refundable application fee and registration fee. Title IV federal student assistance is not disbursed during the trial period. After the trial period has expired, Title IV federal student assistance is disbursed for the period including the trial period. Students who utilize the trial period, but re-apply and attend in a later semester, will be assessed $250 in tuition per previously earned credit (not applicable for students in quarter-based programs). The Trial Period is not applicable to international students or students enrolled in graduate degree programs.

## If The Student Withdraws After the Trial Period

A "semester" is the period for which students are charged. Each semester consists of three 5-week modules. Two semesters constitute an academic year.

For students enrolled in programs measured in quarter credit hours: A "quarter" is the period for which students are charged. Each quarter consists of 12 weeks of instruction. Three quarters constitute an academic year.

If the student withdraws after the trial period, the non-refundable application and registration fees will be retained, and the refund for each semester will be the larger of (a) the refund required by state law, if any, or (b) the refund required by federal law, if any, or (c) the refund provided in the charts below:

| REFUND SCHEDULE FOR PROGRAMS MEASURED IN SEMESTER CREDIT HOURS | |
|---|---|
| **WITHDRAWAL OCCURS AFTER PERCENTAGE COMPLETION OF THE SEMESTER** | **PERCENTAGE OF TUITION AND FEES REFUNDED** |
| Within First 10% | 90% |
| After 10% and Up to 20% | 80% |
| After 20% and Up to 30% | 70% |
| After 30% and Up to 40% | 60% |
| After 40% and Up to 50% | 50% |
| After 50% and Up to 60% | 40% |
| After 60% and Up to 70% | 30% |
| After 70% and Up to 80% | 20% |
| After 80% | 0% |

For students attending the Florida (Lake Mary) campus, the semester credit refund will be pro-rated for the first 20% of the semester based on the number of days attending in the semester divided by the total days scheduled in the semester.

Diploma students attending a North Carolina campus (Raleigh, Greensboro, or Charlotte) who attend 20-25% of the semester will receive a 75% refund.

| REFUND SCHEDULE FOR PROGRAMS MEASURED IN QUARTER CREDIT HOURS | |
|---|---|
| **IF STUDENT WITHDRAWS OR IS DISMISSED WHEN SCHEDULED CLASSES HAVE BEEN HELD FOR:** | **STUDENT'S TUITION CHARGES WILL BE:** |
| 1-20% of the quarter | Equal corresponding pro rata percentage, e.g. 7% = 7% tuition charges. |
| More than 20% but not more than 30% of the quarter | 30% of the Quarter Tuition Charges |
| More than 30% but not more than 40% of the quarter | 40% of the Quarter Tuition Charges |
| More than 40% but not more than 50% of the quarter | 50% of the Quarter Tuition Charges |
| More than 50% but not more than 60% of the quarter | 60% of the Quarter Tuition Charges |
| More than 60% of the quarter | 100% of the Quarter Tuition Charges |

For students that received military educational benefits, eligible amounts paid by the Veteran's Administration and other military assistance programs may not align with ECPI University's tuition refund policy, which could result in amounts due to the military assistance program and/or ECPI University.

Students enrolled in a Certificate program that was prepaid, are eligible for a full refund for those courses not attended beyond the withdrawal period.

## Orlando Lake Mary Campus

The BSN and MSN programs are 48 weeks long and instruction is scheduled five days per week. The Master’s program is 60 weeks long and instruction is scheduled five days per week. All other Programs are varying lengths and instruction is scheduled four days per week. Days or parts thereof spent at clinical sites are considered days on which classes are scheduled.

See also:

- Exit Calculation and Refund Policies
- Federal Return of Title IV Funds Policy

Back to Financial Aid Policies

Refund Policies

# Exit Calculation and Refund Policies

Information regarding any applicable third-party funding agency refund or return of funds policies (e.g., Title IV, WIA, etc.) may be obtained from the University Student Finance Department.

The following is a brief and general explanation of rules, regulations and policies applicable to the making of the Exit Calculation. In the event that any conflict exists between this explanation and the rules, regulations and policies applicable to the various financial aid programs, such rules, regulations and policies as modified and amended from time to time shall be applied. This explanation is not intended to be a complete and thorough explanation of all of the applicable components of the Exit Calculation, and should not be relied upon as such.

In the simplest terms, the Exit Calculation and refund process consists of four steps:

1. Computing the amount of Tuition that a student is charged for a payment period in which the student withdraws or is dismissed in accordance with the institutional refund policy. (The method of determining the official date of termination is the date the student notified the College they were withdrawing or the last date the student attended class).
2. Determining what, if any, amounts from financial aid and/or other financial assistance programs are required to be returned to the fund sources. For a discussion of amounts required to be returned under Return of Title IV Funds regulations see “Federal Return of Funds Requirement” section below.
3. Adjusting the student’s account based on the calculations of (1) and (2), making the appropriate refunds, if any, based on the calculations of (1) and (2) and determining whether the student owes ECPI University any additional monies as a result of the adjustments, or whether the student has a credit balance (amount owed to the student’s account) after applying any additional institutional and non-institutional charges, including any prior year balances, against the credit balance.
4. Refunding any credit balance to the student’s lenders.



# Federal Return of Title IV Funds Policy

## “Unearned” Title IV Funds

Any “unearned” Title IV funds must be returned to the applicable Federal aid program. In general, “Unearned” Title IV funds is the amount of disbursed funds that exceeds the amount that is earned based on the student’s attendance in the semester (or quarter). If the student withdraws after completing 60% of a semester (or quarter), then all Title IV funds for that semester (or quarter) are considered earned; however, if the student withdraws before completing 60% of a semester (or quarter), “unearned” Title IV funds must be returned to the applicable Federal aid program.

## Calculating the Amount of “Unearned” Title IV Funds

The percentage of “unearned” Title IV funds is found by dividing the number of days remaining to be completed after the student withdraws by the total number of days in the semester (or quarter). The calculation of “unearned” Title IV funds is delayed if the student notifies ECPI of an expected re-entry date before the end of the current semester (or quarter).

Pell Grant awards will be recalculated to the eligible amount based on any changes to the enrollment status before being pro-rated as required by the U.S. Department of Education, which often results in a significant reduction in Pell Grant eligibility.

## Post-Withdrawal Disbursements

The institution notifies the student of a post-withdrawal disbursement within 30 days of the Date of Determination. The institution will disburse a post-withdrawal disbursement of a grant directly to the student within 45 days from the Date of Determination.  The institution will disburse a post-withdrawal disbursement of a grant or a direct loan direct to the student's account within 180 days from the Date of Determination.

## How Much “Unearned” Title IV Funds ECPI Must Return

ECPI multiplies the cost of tuition, fees, room and board (if the student contracts with the institution for the room and board) and other educationally-related expenses for the entire semester (or quarter) by the percentage of “unearned” Title IV funds to determine the amount that ECPI must return to the applicable Federal aid program. The amount ECPI is responsible to return is compared to the total amount of unearned aid; the lesser amount is then returned to the applicable Federal aid program, in the order of programs listed below.

- Unsubsidized Direct Loans (other than Direct PLUS Loans)
- Subsidized Direct Loans
- Direct PLUS Loans
- Federal Pell Grants for which a return is require
- Iraq and Afghanistan Service Grant, for which a return is required.
- Federal Supplemental Educational Opportunity Grants (FSEOG) for which a return of funds is required

Unearned Title IV aid funds are returned no later than 45 days from the Date of Determination.

## Withdrawal Exemption

A student may be considered Withdrawal Exempt for Title IV aid purposes only if they successfully complete over 49% of the Payment Period/Semester or successfully completes coursework equal to or greater than the coursework required for Half-time enrollment for the Payment period/semester that the student withdrew from school due to new Federal student aid regulations starting 7/1/2021. A student who meets the criteria above is now considered to have completed the payment period and is not a withdrawn student. Therefore, students who meet the withdrawal exemption will be charged as a student who completed the current payment period and will be able to keep all earned Title IV aid with the exception of recalculation of Pell grant based on enrollment status.

Students who qualify for the Withdrawal Exemption will be charged the same as students who complete the payment period in which they withdrew. Institutional charges for students who qualify for a withdrawal exemption are based on the enrollment status for credits attempted in the completed Payment Period/semester, with the exception of Withdrawn courses during the add/drop period.

ECPI will bill the student account the full amount of Title IV funds that ECPI has returned. **After application of ECPI's Refund Policy, it is possible that the student will owe ECPI for tuition, books, fees, or other costs**.

### Title IV Credit Balances

Title IV credit balances will be refunded to the student by the 14th day of when the credit balance was created on the student's account.
The institution may hold a Title IV credit balance with a valid Authorization to Hold Title IV Credit Balance form. Direct Loan Title IV credit balances cannot be held beyond the end of the Academic year and/or loan period. Any other FSA funds cannot be held beyond the end of the last payment period in the award year for which they were awarded.

### How Much "Unearned" Title IV Funds I Must Return

The student is responsible for returning any portion of the "unearned" aid that is not part of the required return from ECPI. The student will be responsible for repaying any "unearned" Title IV aid according to the terms of the promissory note or other agreement, whether or not the student graduates or gets a job.

If an overpayment occurs, the school will repay the overpayment for the student to the department and consider the overpayment as a student debt to the institution.

# Sources of Financial Aid | Federal Aid Programs

ECPI is approved by the U.S. Department of Education to participate in each of the below sources of Federal Student Aid. For information about these programs, eligibility requirements, and the application processes, the Department of Education provides Funding Education Beyond High School, The Guide to Federal Student Aid.

## Federal Pell Grant

A Federal Pell Grant, unlike a loan, does not have to be repaid. Federal Pell Grants usually are awarded only to undergraduate students who have not earned a bachelor's or professional degree. The maximum award is based on award years that run July 1 through June 30 each year. For the current year maximum award, visit Federal Pell Grants | Federal Student Aid . Effective July 1, 2012 students receive the Federal Pell Grant for no more than 12 semesters. Students can apply at www.ecpi.edu/fa. The resulting Institutional Student Information Report, with an official SAI must be received by ECPI while the student is enrolled and eligible but not later than applicable deadlines established and published by the Department of Education.

## Federal Supplemental Educational Opportunity Grant (FSEOG)

*Award amounts depend upon the applicant's financial need and funding availability. Priority is given to Federal Pell Grant recipients.*

## Federal Work-Study

The Federal Work-Study Program provides on- and off-campus part-time employment, while enrolled in school to undergraduate, graduate, and professional students. Students earn at least current federal minimum wages and this employment is awarded based on financial need and funding availability.

## Federal Direct Subsidized Loan

The Federal Direct Subsidized Loan is a financial need-based, low-interest, fixed rate loan available to undergraduate students directly from the Department of Education.

To apply for Federal Direct Loans you must first complete the FAFSA application, be enrolled at least half time, and your school determines the actual loan amount you may be eligible to receive each academic year. The maximum that can be borrowed in the first year is $3,500. Annual loan limits depend on what year the student is in school and whether they are a dependent or independent student. There are also limits to the total amounts that the student may borrow for undergraduate studies and the program length.

The U.S Department of Education pays the interest while the student is in school at least half-time, for the first six months after you leave school (grace period), and during a period deferment. Loan repayment begins six months after graduation, withdrawal, or dropping below half-time enrollment status.

## Federal Direct Unsubsidized Loan

Federal Direct Unsubsidized Loans are available to undergraduate and graduate students. The annual loan limit is $2.000 for dependent undergrad students, $6,000 for independent undergrad students, and $20,500 for graduate/professional students. If you are a dependent student whose parents are ineligible for a Direct PLUS Loan, you may be able to receive additional Direct Unsubsidized Loan funds. Other limits also apply to the annual and total amounts you may receive. Your school determines the actual loan amount you may be eligible to receive each academic year.

You are responsible for paying the interest on a Direct Unsubsidized Loan during all periods. If you choose not to pay interest while you are in school and during grace, deferment, or forbearance periods, interest accrues and is capitalized (added to the principal amount of your loan). Loan repayment begins six months after graduation, withdrawal, or dropping below half-time enrollment status.

## Federal Direct PLUS Loan for Parents of Dependent Undergraduate Students (PLUS)

PLUS loans provide funds to help meet educational expenses. They are low-interest, fixed rate loans made directly from the U.S. Department of Education. Borrowers must not have an adverse credit history. The maximum loan amount is the student's cost of attendance determined by the school minus any other financial aid received. Repayment begins once your loan is fully disbursed.

## Federal Direct Grad PLUS Loan for Graduate or Professional Degree Students

This is a low interest/fixed rate loan provided directly from the U.S. Department of Education to borrowers who do not have an adverse credit history. The maximum loan amount is the student's cost of attendance determined by the school minus any other financial aid received.

Repayment begins once your loan is full disbursed, however, these loans are placed into deferment while you are enrolled at least half-time and for an additional six months after you cease to be enrolled at least half-time. During deferment periods interest will accrue. You may opt to pay the interest when the deferment period ends.

## Gaining Early Awareness and Readiness for Undergrad Programs (GEAR UP)

The GEAR UP program is a federal grant program funded by the U.S. Department of Education and administered by the state. Applicants must be eligible for Pell Grants and demonstrate financial need in addition to other eligibility requirements. Maximum award amounts are determined each year by the state and are contingent upon available funding.

## Maximum Pell Grant Eligibility for Dependents of Certain Deceased Servicemembers and Public Safety Officers

The FAFSA Simplification Act changed eligibility for what were formerly called “Iraq and Afghanistan Service Grants (IASG)” and “Children of Fallen Heroes (CFH) Scholarships.” Beginning with the 2024-25 award year, students who meet the eligibility requirements for Pell Grants under the Special Rule in HEA Section 401(c) will receive a maximum Pell Grant award, regardless of their calculated SAI. To receive a Pell Grant based on eligibility under the Special Rule, a student must be:

- The child of a parent or guardian who died in the line of duty while either (a) serving on active duty as a member of the U.S. Armed Forces on or after September 11, 2001; or (b) actively serving as and performing the duties of a public safety officer; and
- Less than 33 years old as of the January 1 prior to the award year for which the applicant is applying (e.g., for the 2024–25 award year, a student must be less than 33 years old as of January 1, 2024, to be eligible).

## Supplemental Loan Programs

ECPI has arranged for other student loan programs to be made available. The lenders and terms on these loan programs vary, and your financial aid officer can help you find the one that best fits your needs.

**For additional information on Sources of Financial Aid:**

- ECPI Scholarships
- Veterans Benefits
- Other Financial Aid Sources

# Sources of Financial Aid | ECPI Scholarships

ECPI University awards in excess of $14 million in scholarships each year. These are funds to help you pay for your education that you do not have to pay back and reward you for your commitment to earn your degree. The initial criteria for consideration includes the following. Note that each scholarship has its own unique qualifying criteria.

- Applicants must have applied and been accepted for admissions to ECPI University for the current academic year.
- Applicants must meet the ECPI University entrance requirements.

**Navigate the various ECPI Scholarships using the menu to the left.**

## General Scholarship Policies

- Scholarships will be applied to lower tuition debt in most cases.
- Only degree-seeking students enrolled in a minimum of 9 credits per semester will receive a scholarship award unless otherwise noted in the criteria.
- To qualify for scholarships, students must maintain continuous enrollment on a semester basis. Students may take only one semester off during their program.
- Students eligible for multiple special tuition rates, pricing programs or scholarships receive the one most beneficial, with

Our financial aid advisors can assist you in identifying and applying for these scholarship opportunities.

**For additional information on Sources of Financial Aid:**

- Federal Aid Programs
- Veterans Benefits

- Other Financial Aid Sources

Back to Financial Aid Policies

ECPI Scholarships

# Active Duty Military and Spouses

## Active Duty Scholarship

***Helping Military Active Duty overcome financial hurdles.***

ECPI University has provided educational opportunities to service members and their families since 1966. We believe that every active duty service member should have the opportunity to pursue the college of their choice. In honor of the men and women who serve in every branch of the United States Armed Forces, ECPI University offers the following scholarship for eligible programs of study* with our thanks and gratitude.

To help relieve the financial challenges associated with pursuing your education, ECPI University offers an Active Duty Military Scholarship Program. This scholarship for service members is open to active duty, reservists, National Guardsmen, other service members, and includes their spouses when enrolled in our online college.

If you are eligible for Tuition Assistance, you may be eligible for ECPI University's Active Duty Military Scholarship. Reservists eligible for TA may also be eligible for the scholarship. The Active Duty Military Scholarships will cover the costs of tuition remaining after eligible TA has been applied.

Through the program, qualifying service members and spouses are provided a scholarship which will effectively reduce tuition to $250.00 per semester credit for undergraduate course work, and $595.00 per semester credit for graduate course work.

*Eligible programs include all degree programs in the Colleges of Technology, Business, and Criminal Justice. In the College of Culinary Arts, Food Service Management is eligible. In the College of Health Sciences, eligible programs include Medical Assisting, Dental Assisting, and Healthcare Administration.

*To Learn More about Active Duty Tuition Assistance see:*

- Airforce: https://www.military.com/education/money-for-school/air-force-tuition-assistance.html
- Army: https://myarmybenefits.us.army.mil/Benefit-Library/Federal-Benefits/Tuition-Assistance-(TA)?serv=122
- Navy: https://www.cool.osd.mil/usn/costs_and_funding/navy_tuition_assistance_program.htm
- Marines: https://usmc-mccs.org/taguide/
- USCG: https://www.forcecom.uscg.mil/Our-Organization/FORCECOM-UNITS/ETQC/VOLUNTARY-EDUCATION/Tuition-Assistance/
- Space Force: https://www.spaceforce.mil/News/Tag/523/tuition-assistance/
- Spouses: MyCAA — Financial Assistance for Military Spouses (militaryonesource.mil)

ECPI Scholarships

# Armed Forces Scholarship

The Armed Services Scholarship was designed to help lessen the financial challenges associated with pursuing your undergraduate education. ECPI University's scholarship for armed service members is open to Active Duty, Reservists, National Guardsmen, and other service members, as well as their spouses, who may not be eligible for our Active Duty Scholarship. Qualifying service members or spouses pursuing their undergraduate degree receive a scholarship for $500.00 per semester/$1000.00 per academic year. Available through all of our Campus locations and Online (Active Duty Members and their Spouses, undergraduate programs only), ask your admissions advisor for more information.

ECPI Scholarships

# Career Advancement Bookstore Award

Employers value third party endorsement of skills that enhance the value of your degree. Your success means success for all of the graduates, faculty and staff at ECPI University!

- For specific programs, ECPI University may award up to $100 in Bookstore Credit for each certification or license approved for this award that you earn while enrolled
- Many academic programs have certifications you will be encouraged to earn by the time you graduate
- ECPI University subsidizes the majority of the fees to take certification exams
- Account must be in good standing, or may be applied to outstanding charges
- Additional information regarding eligible programs is available here: https://ecpi.libguides.com/CertificationsECPI

ECPI Scholarships

## Community Service Scholarship

Actively participating and contributing to our communities in important to ECPI University. If you are helping others in our community, you may be eligible to receive our **$500** Community Service Scholarship.

| ELIGIBILITY & AWARD CRITERIA |
| --- |
| • Submit a letter of recommendation from the organization verifying community service (letter must be on the organization's letterhead). |
| • Prospective or enrolled international students in all programs are eligible to apply. |

ECPI Scholarships

## Early Action Scholarship

This scholarship is available to those applicants who submit their admissions documents and complete their application at least three months before they plan to start school.

| ELIGIBILITY & AWARD CRITERIA |
| --- |
| • Complete your admissions file at least three months before your start date. |
| • Prospective or enrolled international students in all programs are eligible to apply. |

Amount: Up to $500

ECPI Scholarships

## ECPI Scholarship for EducationUSA Advisees

EducationUSA is a U.S. Department of State network of over 400 international student advising centers in more than 170 countries. The network promotes U.S. high education to students around the world by offering accurate, comprehensive and current information about opportunities to study at accredited postsecondary institutions in the United States. Find an EducationUSA advising center near year: https://educationusa.state.gov/find-advising-center.

| ELIGIBILITY & AWARD CRITERIA |
| --- |
| • Available to all students who find out about ECPI University through an EducationUSA Advising Center. |
| • Does not apply if the student is also referred by another third-party agent or education consultant. |

Amount: Up to $2,000

ECPI Scholarships

## Enterprise Partnership Program

ECPI University has agreements with area businesses to provide their employees tuition assistance benefits. Contact the admissions office to see if your employer participates.

ECPI Scholarships

## Founders Scholarship

Mr. Alfred Dreyfus immigrated to the USA and founded ECPI University. The Founder's Scholarship was created to honor Mr. Dreyfus and is available to those deserving students who require additional financial support.

| ELIGIBILITY & AWARD CRITERIA |
| --- |
| • Prospective or enrolled international students in all programs are eligible to apply |
| • The applicant must submit evidence of their financial status, disability, or social status, and submit a one page essay on why you would be a good candidate to receive the Founder's Scholarship. |
| • Due to the high value of the Founder's Scholarship, students who apply and qualify, are excluded from receiving most of the scholarships available from ECPI University. The only scholarships that may stack with the Founder's Scholarship are the Refer a Friend Scholarship, and the International Student Diversity Scholarship. |
| • The Founder's Scholarships is highly selective and therefore, limited scholarships will be available each academic year. |

Amount: Up to $5,000 per academic year

ECPI Scholarships

## Head Start - Experience in the Field

This scholarship is available for those students that are already working and have returned to school to further their career.

| ELIGIBILITY & AWARD CRITERIA |
| --- |
| • Submit a letter of recommendation from a previous or current employer verifying work and achievements in the field in which you wish to study (letter must be on the employer's letterhead). The work experience must be related to the intended field of study. |
| • Prospective or enrolled international students in all programs are eligible to apply. |

Amount: Up to $2,000

ECPI Scholarships

## High School Seniors

Scholarships awarded up to $3000. High School seniors are eligible to apply.

Applications are due by May of each year:

- Complete application
- Submit high school transcript
- Two letters of recommendation (at least one from a teacher or counselor)
- Typed personal essay (250 words minimum) explaining your reason for pursuing your chosen program of study

GPA, attendance record, acceptance to ECPI University will be considered along with the information submitted with the application. Contact the University for an application.

ECPI Scholarships

## International Students' Scholarships

ECPI University has established several scholarships to assist international students in financing their education. To apply for these scholarships, they must meet the admissions requirements for the program of choice and the criteria outlined below.

Applicants can discuss these, and other options, with an ECPI University admissions or financial advisor. For more information on any scholarship, please fill out the International Scholarship Form.

See also International Scholarship Policies

ECPI Scholarships

## Leveling Course Scholarship

For international students taking leveling courses there will be a $200.00 per credit hour scholarship.  Contact your advisor for additional information.

ECPI Scholarships

## Merit Scholarships

ECPI University awards a select number of Merit Scholarships to graduates enrolling in selected programs each year. The scholarships range in value from $3,000 to $4,000 per academic year.

***Eligibility and award criteria per Academic Year.***

| GPA | BACHELOR'S | MASTER'S |
|---|---|---|
| 2.75 | $3,000 | $2,000 |
| 3.25 | $4,000 | $3,000 |

ECPI Scholarships

## Refer a Friend Scholarship

This scholarship is awarded for every student you refer to ECPI University.

| ELIGIBILITY & AWARD CRITERIA |
|---|
| • Make sure your friend includes your name on their application form so you can receive credit. |
| • Scholarship is applied after the referred student pays for their first three terms. |

Amount: $1,000 (for referring a bachelor's or master's student)

ECPI Scholarships

## VA Educational Benefits - Department of Veterans Affairs

ECPI is approved to offer VA Educational Benefits by the respective State Approving Agency located within the State of operation.  For more information please contact the local ECPI campus Veterans Benefits Coordinator

This institution is approved to offer GI Bill® educational benefits by the Virginia State Approving Agency. GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at http://www.benefis.va.gov/gibill.

# Sources of Financial Aid | Veteran's Benefits

Some ECPI students have Veterans Education benefits available to them while they are attending school. The Department of Veteran Affairs is now taking online applications. To apply for veterans' educational benefits online, log onto www.gibill.va.gov, click on "Electronic Application Form" and start "VONAPP" to complete VA Form 22-1990 or 22-1995.  Each student must forward a copy to the application to the Campus Veterans Certifying Official.

Students who are discharged veterans should forward a copy of the DD214, copy 4, along with the Application for Admission. It is the student's responsibility to submit the application for benefits to the Veterans Administration and to keep their educational information up to date with the Veterans Administration. ECPI will provide assistance to those students who need help and will answer questions that students may have with regard to the VA benefits.

Students seeking advanced academic standing via credit transfer or challenge examinations must do so by the end of their first semester of enrollment. VA students are expected to report all enrollment changes to the VA coordinator (for example: changing concentrations, falling below a full-time status, and leaving school).

ECPI must have an academic transcript from each post-secondary school previously attended by a veteran. Consent to Release School Records forms must be completed in full (complete address) for each school attended.

## Chapter 33 Post 9/11 GI Bill® Benefits

This benefit program is available to individuals who served in active duty on or after September 10, 2001 and is payable for education pursued after August 1, 2009. If a veteran qualifies for assistance under the Montgomery GI Bill® on or after August 1, 2009 and the veteran also qualifies for assistance under the Post 9/11 GI Bill®, the veteran may make an irrevocable decision to receive benefits solely under the Post 9/11 GI Bill®. Please see your Campus Veterans Certifying Official or visit www.gibill.va.gov for more information.

Tuition and fee rates for private schools are capped by the Veterans Administration annually. Please check with your campus V.A. representative for the current year's cap. Eligibility tiers based on length of service still apply. Only the VA can determine a veteran's eligibility. ECPI University is a Yellow Ribbon school for those students who are 100% eligible for this program.

Active duty students are limited to the net cost for tuition and fees that are prorated based on eligibility tiers (40% - 100%) previously established for veterans.

The housing allowance under CH33 Post 9/11 benefits is now payable to the student (other than an active duty student) solely enrolled in distance learning. The housing allowance payable is equal to ½ the national average Basic Allowance for Housing for an E-5 with dependents. Housing is also prorated based on the student's rate of pursuit (rounded to the nearest tenth).

Any person entitled to educational assistance under chapter 33, Post-9/11 GI Bill® or chapter 31, Vocational Rehabilitation and Employment benefits and experiences delayed payment of benefits, will not be subject to any penalties, late fees, denial of access to classes, libraries, or other university facilities as a result of such delay. Nor will such person be required to borrow additional funds to satisfy financial obligations to the university due to the delayed disbursement of funding from the Veteran's Administration, under chapter 31 or 33. To be a person covered under this policy, documentation of eligibility must be determined by providing a certificate of eligibility which can include a "Statement of Benefits" from the VA website – eBenefits, or a VAF 28-1905 for chapter 31 authorization.

Further clarification can be found at or by contacting the Campus Veterans Certifying Official.

**For additional information on Sources of Financial Aid:**

- **ECPI Scholarships**
- **Federal Aid Programs**
- **Other Financial Aid Sources**

Back to Financial Aid Policies

# Sources of Financial Aid | Other

Students who have been approved for assistance under any of the following programs must provide the documentation of eligibility to the Financial Aid Administrator.

## Employer Assistance

Many employers provide tuition assistance programs to their employees to assist with education goals. Check with the human resources department or benefits manager to see if an educational assistance program is available at your place of employment.

## Job Location and Development Program

This program is administered through the Career Services Center to assist students, with and without financial need, in securing part-time employment. Information and program requirements are available from the Career Services Center.

## Local Aid

ECPI Culinary students in need of assistance, who are residents of Norfolk, Virginia, may qualify for $750 in a locally provided City of Norfolk Scholarship. Inquire with your Financial Aid Administrator to verify eligibility.

## Military Tuition Assistance

Active duty students who use Tuition Assistance will have their first term TA cost sheet automatically sent directly to the student. Students must request a TA cost sheet for each subsequent term until the TA is capped for the fiscal year. Students are responsible for submitting all TA cost sheets to their TA Education office before the term begins for TA approval.

## MyCAA

The MYCAA scholarship provides a maximum education benefit of $4,000 with an annual fiscal year cap of $2,000 to assist eligible military spouses who have completed high school and who need professional credentials to pursue their career goals (MyCAA, 2020). For program eligibility or site navigation assistance, please contact a MYCAA Spouse Education and Career Opportunities Coach at 1-800-342-9647.

## Virginia Career Works Hampton Roads Region

A student who may qualify for benefits funded through the U.S. Department of Labor should contact the local Virginia Career Works Hampton Roads Region office.

## Private Aid

ECPI students may also seek private education loans from any lender of their choice. Eligibility and application processes for private education loans are provided by the private lenders.

ECPI also provides a private loan program serviced by Tuition Options to assist students in meeting their educational goals. Additional information and the application process may be obtained from the Campus Financial Aid Administrator.

## State Aid

Qualified applicants may also receive educational benefits administered under the state's Employment Commission or Vocational Rehabilitation Assistance programs. Students must visit the local state agency branches to determine eligibility for these programs.

**For additional information on Sources of Financial Aid:**

- **ECPI Scholarships**
- **Federal Aid Programs**
- **Veterans Benefits**

Back to Financial Aid Policies

# Tuition and Fees - Undergraduate Programs

The tuition and fee charges are per semester for the academic year effective October 1 2026, and are subject to annual review. ECPI reserves the right to make changes in tuition and fees. These figures are provided by way of estimate only, and to help you budget your potential educational costs as an ECPI student. This is not an exhaustive list of all potential charges to you as an ECPI student. These costs and amounts are subject to change.

**Navigate the undergraduate tuition and fees per college using the menu to the left.**

See other tuition and fees:

Tuition and Fees - Graduate Programs

Tuition and Fees - Certificates

Tuition and Fees - Technology Fee

Tuition and Fees - Other Fees



## College of Business and Criminal Justice

The tuition and fee charges are per semester for the academic year effective October 1, 2026, and are subject to annual review. ECPI reserves the right to make changes in tuition and fees. These figures are provided by way of estimate only, and to help you budget your potential educational costs as an ECPI student. This is not an exhaustive list of all potential charges to you as an ECPI student. These costs and amounts are subject to change.

| PROGRAM | FULLTIME TUITION* 12-18 CREDITS** | LESS THAN FULLTIME TUITION 0-11.5 CREDITS | OVERLOAD CREDIT*** 19+ CREDITS |
|---|---|---|---|
| Business | $8,088/ per semester | $674/ per credit | $449/ credit |
| Criminal Justice | $8,088/ per semester | $674/ per credit | $449/ credit |

**All students attend ECPI on a fulltime basis, unless an exception is approved by a campus official.*

***Programs (with the exception of Cyber and Information Security Technology) offered at the Northern Virginia campus are an additional $240 per semester.*

****Per credit cost is in addition to fulltime tuition cost.*



## College of Culinary Arts

The tuition and fee charges are per semester for the academic year effective October 1, 2026, and are subject to annual review. ECPI reserves the right to make changes in tuition and fees. These figures are provided by way of estimate only, and to help you budget your potential educational costs as an ECPI student. This is not an exhaustive list of all potential charges to you as an ECPI student. These costs and amounts are subject to change.

| PROGRAM | FULLTIME TUITION* 12-18 CREDITS** | LESS THAN FULLTIME TUITION 0-11.5 CREDITS | OVERLOAD CREDIT*** 19+ CREDITS |
|---|---|---|---|
| Baking and Pastry Arts | $8,976/ per semester | $748/ per credit | $499/ credit |
| Culinary Arts | $8,976/ per semester | $748/ per credit | $499/ credit |
| Culinary Arts and Applied Nutrition | $8,976/ per semester | $748/ per credit | $499/ credit |
| Food Service Management | $8,088/ per semester | $674/ per credit | $449/ credit |

**All students attend ECPI on a fulltime basis, unless an exception is approved by a campus official.*

***Programs (with the exception of Cyber and Information Security Technology) offered at the Northern Virginia campus are an additional $240 per semester.*

****Per credit cost is in addition to fulltime tuition cost.*

# College of Health Science

The tuition and fee charges are per semester for the academic year effective October 1, 2026, and are subject to annual review. ECPI reserves the right to make changes in tuition and fees. These figures are provided by way of estimate only, and to help you budget your potential educational costs as an ECPI student. This is not an exhaustive list of all potential charges to you as an ECPI student. These costs and amounts are subject to change.

## Advanced Clinicals

| PROGRAM | FULLTIME TUITION* 12-18 CREDITS** | LESS THAN FULLTIME TUITION 0-11.5 CREDITS | OVERLOAD CREDIT*** 19+ CREDITS |
|---|---|---|---|
| Diagnostic Medical Sonography | $9,984/ per semester | $832/ per credit | NA |
| Medical Radiography | $9,984/ per semester | $832/ per credit | NA |
| Physical Therapy Assistant | $9,984/ per semester | $832/ per credit | NA |
| Radiological Sciences (BS) | $8,088/ per semester | $674/ per credit | $449 / credit |
| Surgical Technology | $8,976/ per semester | $748/ per credit | NA |

## Health Sciences

| PROGRAM | FULLTIME TUITION* 12-18 CREDITS** | LESS THAN FULLTIME TUITION 0-11.5 CREDITS | OVERLOAD CREDIT*** 19+ CREDITS |
|---|---|---|---|
| Dental Assisting | $8,088/ per semester | $674/ per credit | $449/ credit |
| Emergency Medical Services | $5,808/ per semester | $484/ per credit | NA |
| Healthcare Administration | $7,176/ per semester | $598/ per credit | $399/ credit |
| Medical Assisting | $8,088/ per semester | $674/ per credit | $449/ credit |

**All students attend ECPI on a fulltime basis, unless an exception is approved by a campus official.*

***Programs (with the exception of Cyber and Information Security Technology) offered at the Northern Virginia campus are an additional $240 per semester.*

****Per credit cost is in addition to fulltime tuition cost.*



# College of Nursing

The tuition and fee charges are per semester for the academic year effective October 1, 2026, and are subject to annual review. ECPI reserves the right to make changes in tuition and fees. These figures are provided by way of estimate only, and to help you budget your potential educational costs as an ECPI student. This is not an exhaustive list of all potential charges to you as an ECPI student. These costs and amounts are subject to change.

| PROGRAM | FULLTIME TUITION* 12-18 CREDITS** | LESS THAN FULLTIME TUITION 0-11.5 CREDITS | OVERLOAD CREDIT*** 19+ CREDITS |
|---|---|---|---|
| Nursing, BS (Traditional) | $9,270/ per semester | $618/ per credit | NA |
| Nursing, Associate Degree | $10,200/ per semester | $718/ per credit | NA |
| Nursing, Practical | $9,991/ per semester | $824/ per credit | NA |

| PROGRAM | TUITION | ADDITIONAL INFORMATION |
|---|---|---|
| BS Nursing (RN to BSN only) | $250/ per course | Arts and Sciences Courses |
| | $444/ per credit | All NUR courses |

**All students attend ECPI on a fulltime basis, unless an exception is approved by a campus official.*

***Programs (with the exception of Cyber and Information Security Technology) offered at the Northern Virginia campus are an additional $240 per semester.*

****Per credit cost is in addition to fulltime tuition cost.*

## College of Technology

The tuition and fee charges are per semester for the academic year effective October 1, 2026, and are subject to annual review. ECPI reserves the right to make changes in tuition and fees. These figures are provided by way of estimate only, and to help you budget your potential educational costs as an ECPI student. This is not an exhaustive list of all potential charges to you as an ECPI student. These costs and amounts are subject to change.

| PROGRAM | FULLTIME TUITION* 12-18 CREDITS** | LESS THAN FULLTIME TUITION 0-11.5 CREDITS | OVERLOAD CREDIT*** 19+ CREDITS |
|---|---|---|---|
| Computer & Information Science | $8,976/ per semester | $748/ per credit | $499/ credit |
| Cyber and Information Security Technology | $8,976/ per semester | $748/ per credit | $499/ credit |
| Information and Cybersecurity Operations | $8,976/ per semester | $748/ per credit | $499/ credit |
| Information Technology, Software Development and Coding | $8,976/ per semester | $748/ per credit | $499/ credit |
| Engineering Technology | $8,976/ per semester | $748/ per credit | $499/ credit |
| Mechanical Engineering Technology | $8,976/ per semester | $748/ per credit | $499/ credit |

**All students attend ECPI on a fulltime basis, unless an exception is approved by a campus official.*

***Programs (with the exception of Cyber and Information Security Technology) offered at the Northern Virginia campus are an additional $240 per semester.*

****Per credit cost is in addition to fulltime tuition cost.*

# Tuition and Fees - Graduate Programs

The tuition and fee charges are per semester for the academic year effective October 1, 2026, and are subject to annual review. ECPI reserves the right to make changes in tuition and fees. These figures are provided by way of estimate only, and to help you budget your potential educational costs as an ECPI student. This is not an exhaustive list of all potential charges to you as an ECPI student. These costs and amounts are subject to change.

| GRADUATE PROGRAM | TUITION | |
|---|---|---|
| Master of Science in Physician Assistant | $17,559* (per full-time semester) | |
| Master of Science in Cybersecurity | $740 (per credit) | |
| Master of Science in Healthcare Administration | $740 (per credit) | |
| Master of Science in Management | $740 (per credit) | |
| Master of Science in Nursing | $740 (per credit) | |
| Master of Science in Nursing, Family Nurse Practitioner | $568 (per credit) | |
| Master of Science in Systems Engineering | $740 (per credit) | |
| Master of Business Administration | $740 (per credit) | |

| ORLANDO (LAKE MARY) TUITION (QUARTER-HOUR PROGRAM) | CREDITS TO BE COMPLETED | PER QUARTER CREDIT HOUR | TOTAL ESTIMATED TUITION FOR THE PROGRAM |
|---|---|---|---|
| BSN Nursing (BS to BSN) | 75 | $598 | $44,*850* |
| MS Nursing | 54 | $494 | $26,676 |

** Six (6) Semesters. Final term (1/3rd Semester) - $5,853*

***Includes: books, uniforms, student activity fees, malpractice insurance, lab fees, and computer-assisted instruction.*

To complete the Program requirements in a timely manner, student must be enrolled full-time and carry a minimum load of 12 semester credit hours and a maximum of 18 credit hours per semester. If student takes an academic overload consisting of more than 18 credit hours, this may change the eligibility for financial aid assistance in future semesters, which may result in greater out-of-pocket expenses. If student takes an overload of more than 18 credits, they will be assessed additional charges in that semester. Student is responsible for checking with the Financial Aid office to determine the impact of schedule changes.

See other tuition and fees:

Tuition and Fees - Undergraduate Programs

Tuition and Fees - Certificates

Tuition and Fees - Technology Fee

Tuition and Fees - Other Fees

# Tuition and Fees - Certificates

The tuition and fee charges are per semester for the academic year effective July 12, 2023, and are subject to annual review. ECPI reserves the right to make changes in tuition and fees. These figures are provided by way of estimate only, and to help you budget your potential educational costs as an ECPI student. This is not an exhaustive list of all potential charges to you as an ECPI student. These costs and amounts are subject to change.

Use the left-hand menu to navigate all undergraduate program tuition and fees by College.

| PROGRAM | TUITION PER CREDIT |
|---|---|
| Certificate (Micro-credential) | $389 |
| Certificate (Contractual program) | $361.84 |

See other tuition and fees:

Tuition and Fees - Undergraduate Programs

Tuition and Fees - Graduate Programs

Tuition and Fees - Technology Fee

Tuition and Fees - Other Fees

# Tuition and Fees - Technology Fee

The tuition and fee charges are per semester for the academic year effective October 1, 2026. The tuition and fees are subject to annual review and ECPI reserves the right to make changes in tuition and fees.

The Technology Fee includes use of mobile computer devices with damage insurance, learning platforms, technology support, and other technology equipment necessary to complete courses. Technology devices are provided for select programs.*

**Most courses have online resources available, and many courses utilize mobile computing devices such as tablets and notebook PCs. Students will be charged for any resources not returned or damaged per the Technology Borrower's Agreement for Students.*

| PROGRAM | TECHNOLOGY FEE PER SEMESTER |
|---|---|
| All programs except when noted differently | $495 |
| Associate Degree in Nursing, BSN (Traditional), Dental Assisting, Diagnostic Medical Sonography, Emergency Medical Services, Healthcare Administration (BS), Medical Assisting, Medical Radiography, Physical Therapist Assistant, Practical Nursing, and Surgical Technology | $594 |
| Master's Programs | $330 |
| Master of Physician Assistant | $636 |
| MSN Family Nurse Practitioner | $360 |
| Certificate/Micro-credentials | $165 per term |
| BS to BSN | $430 per quarter |

See other tuition and fees:

Tuition and Fees - Undergraduate Programs

Tuition and Fees - Graduate Programs

Tuition and Fees - Certificates

Tuition and Fees - Other Fees

# Tuition and Fees - Other Fees

There are additional fees that apply to programs. Navigate all the other tuition and fees using the menu to the left.

See other tuition and fees:

Tuition and Fees - Undergraduate Programs

Tuition and Fees - Graduate Programs

Tuition and Fees - Certificates

Tuition and Fees - Technology Fee



## All Programs - Required

These fees are not fully inclusive and may vary depending on the program. ECPI has the discretion to make changes to the fees.

| FEE | COST | NOTES |
|---|---|---|
| Application Fee | $25 | Non-refundable, one-time charge |
| Registration Fee | $100 Undergraduate students | |
| | $35 graduate students | |
| Background Check Fee, applicable programs | Fee varies | |
| High School, GED or College Transcript Request | Fee varies | |
| Textbooks* | $0 When required. | *Use of textbooks and electronic textbooks for the time needed to complete your courses is provided at no cost. If you wish to permanently own your textbooks, you may purchase them from ECPI University's bookstore, or any other retailer you choose. The student should notify the financial assistance department if they wish to acquire their own textbooks at the start of each semesters, and their account will be credited $50/semester. The student will be responsible for obtaining all required textbooks in the requested semester.* |
| California Student Tuition Recovery Fund** | Fee varies | Please see footnote for details (effective 04.01.2022) |

**As a result of ECPI University GREEN commitment and to provide the best value in education resources, ECPI University has implemented textbook recycling and extensive use of electronic textbooks. Arrangements have been made with publishers to access their content at heavily discounted rates and make it available to you at the start of each term. You will have extended access (2-4 years) to core course textbooks. A student may opt out and acquire textbooks on their own. If student prefers to own their textbook, they are available for purchase from the ECPI University bookstore, or other retailers. Federal regulations require that students be allowed to acquire books and supplies from other sources.*

***CALIFORNIA STUDENT TUITION RECOVERY FUND (CA residents only). The State of California established the Student Tuition Recovery Fund (STRF) to relieve or mitigate economic loss suffered by a student in an educational program at a qualifying institution, who is or was a California resident while enrolled, or was enrolled in a residency program, if the student enrolled in the institution, prepaid tuition, and suffered an economic loss. Unless relieved of the obligation to do so, you must pay the state-imposed assessment for the STRF, or it must be paid on your behalf, if you are a student in an educational program, who is a California resident, or are enrolled in a residency program, and prepay all or part of your tuition. You are not eligible for protection from the STRF, and you are not required to pay the STRF assessment, if you are not a California resident, or are not enrolled in a residency program. It is important that you keep copies of your enrollment agreement, financial aid documents, receipts, or any other information that documents the amount paid to the school. Questions regarding the STRF may be directed to the Bureau for Private Postsecondary Education, 1747 North Market Blvd., Suite 225, Sacramento, California, 95834, (916) 574-8900 or (888) 370-7589. To be eligible for STRF, you must be a California*

*resident or enrolled in a residency program, prepaid tuition, paid or deemed to have paid the STRF assessment, and suffered an economic loss as a result of any of the following: (1) The institution, a location of the institution, or an educational program offered by the institution was closed or discontinued, and you did not choose to participate in a teach-out plan approved by the Bureau or did not complete a chosen teach-out plan approved by the Bureau. (2) You were enrolled at an institution or a location of the institution within the 120-day period before the closure of the institution or location of the institution or were enrolled in an educational program within the 120-day period before the program was discontinued. (3) You were enrolled at an institution or a location of the institution more than 120 days before the closure of the institution or location of the institution, in an educational program offered by the institution as to which the Bureau determined there was a significant decline in the quality or value of the program more than 120 days before closure. (4) The institution has been ordered to pay a refund by the Bureau but has failed to do so. (5) The institution has failed to pay or reimburse loan proceeds under a federal student loan program as required by law or has failed to pay or reimburse proceeds received by the institution in excess of tuition and other costs. (6) You have been awarded restitution, a refund, or other monetary award by an arbitrator or court, based on a violation of this chapter by an institution or representative of an institution, but have been unable to collect the award from the institution. (7) You sought legal counsel that resulted in the cancellation of one or more of your student loans and have an invoice for services rendered and evidence of the cancellation of the student loan or loans. To qualify for STRF reimbursement, the application must be received within four (4) years from the date of the action or event that made the student eligible for recovery from STRF. A student whose loan is revived by a loan holder or debt collector after a period of non-collection may, at any time, file a written application for recovery from STRF for the debt that would have otherwise been eligible for recovery. If it has been more than four (4) years since the action or event that made the student eligible, the student must have filed a written application for recovery within the original four (4) year period, unless the period has been extended by another act of law. However, no claim can be paid to any student without a social security number or a taxpayer identification number.*

Tuition and Fees - Other Fees

## All Programs - Optional

These fees are not fully inclusive and may vary depending on the program. ECPI has the discretion to make changes to the fees.

| FEE | COST | NOTES |
|---|---|---|
| Change of Program Fee | $100 | |
| Course Challenge Fee, per subject area | $275 | ($200 refunded if credit is not awarded) |
| Licensing/Certification Exam Fees, per exam, first attempt only (technical programs) | $15 *does not include Certificate programs* | |
| Licensing/Certification Exam Fees, per exam, first attempt only (medical programs) | 25% of certification costs | |
| Prior Learning Portfolio Assessment Fee | $275 | ($200 refunded if credit is not awarded) |
| Re-entry Fee | $100 | |
| Retake Fee for BS Nursing (RN to BSN only) | $444 per credit (NUR courses); $250 per credit (Arts and Sciences courses) | |
| Transcript Fee, per copy | $9 normal processing/ $9 Parchment, shipping varies/ $10 expedited | |
| Identification Card Replacement Fee | $10 | |

Tuition and Fees - Other Fees

## Culinary Programs - Required

These fees are not fully inclusive and may vary depending on the program. ECPI has the discretion to make changes to the fees.

| FEE | COST | |
|---|---|---|
| **Kitchen Uniform Fee**<br>AAS or Diploma in Culinary Arts and Pastry Arts | Non-refundable fee of $100 due prior to start of courses. | |
| Dining Room Uniform<br>Includes white shirt, tie, and black pants | Approximately $50 | |
| Stationary supplies, including miscellaneous computer supplies | Approximately $8 per month | |
| Work shoes (1 pair) | $40 | |

Tuition and Fees - Other Fees

## International Students - Required

These fees are not fully inclusive and may vary depending on the program. ECPI has the discretion to make changes to the fees.

| FEE | COST | NOTES |
|---|---|---|
| SEVIS fee | $350 | |
| Mailing fee | $75 | International applicants only, domestic international applicants do not pay |

Tuition and Fees - Other Fees

## Graduate Students - Required

These fees are not fully inclusive and may vary depending on the program. ECPI has the discretion to make changes to the fees.

| FEE | COST | NOTES |
|---|---|---|
| Certification Fee | $20 per certification (limit two) | |
| | $40 per retake voucher thereafter (limit two) | |
| Fast Track course(s) | $100 per course | |
| Master's Preparatory Course(s) Technology Fee | $495 per semester | Billed at the Undergraduate Technology Fee rate |
| Preparatory/Foundational Course(s) | $250 per credit, after Graduate Admissions review | Student may be required to take one or more foundational courses. |

Tuition and Fees - Other Fees

## Medical Programs - Required

These fees are not fully inclusive and may vary depending on the program. ECPI has the discretion to make changes to the fees.

| FEE | COST | |
|---|---|---|
| Drug Screening | As required by states or campuses - Price varies | |
| Physical Exam / Shots / PPD | Variable by location and insurance | |
| BSN Traditional, ADN, PTA, and DMS prerequisite/individual subject courses *(PN at Charlotte campus)* | $200/ each | |

# Welcome to the Student Services Section



**Navigate the student services using the menu to the left.**

Our university is dedicated to providing a robust support system to enhance your academic and personal experience through a wide range of student services. From the moment you enroll to long after you graduate, these services are designed to help you succeed in every aspect of your educational journey.

ECPI University is committed to providing a safe and supportive learning environment for all students. Professional development and personal growth invariably overlap in the education environment; therefore, ECPI offers the following student services to all students and encourages students to take advantage of these services while enrolled at ECPI.

See also Student Conduct Policies

Student Services

## Advising - Academic

The purpose of academic advising is to facilitate the intellectual and personal development of our students, to enhance their academic performance and to ensure student's progress toward graduation by assisting them in achieving the following objectives:

- Assist students toward the timely completion of their studies through the monitoring of satisfactory academic progress as well as the identification and fulfillment of academic and career goals
- Develop a meaningful educational plan that is compatible with the student's personal abilities and educational/career goals
- Explore academic options to make meaningful short-term and long-term decisions (e.g., elective course selection, opportunities for hybrid or online courses, etc.)
- Understand and follow the University's policies and procedures leading to graduation (e.g., requirements for completion of Arts & Sciences courses, concentration coursework and other University requirements)
- Increase awareness of the full range of campus programs, services, and clubs
- Identify academic skills, including required certifications that may be required or will enhance career opportunities following graduation

Faculty members and Academic Program Directors are available for academic advising and also coordinate tutorial assistance. Tutoring is available at no additional cost weekdays, or by individual arrangement, for students whose academic progress is unsatisfactory.

Student Services

## Advising - Other

In addition to academic advising, individual assistance is provided to students for personal and financial needs within each of the University's departments.

Students are encouraged to request assistance as follows:

- Career development assistance is available to eligible students through Career Services
- Forms and information on Veterans, Tuition Assistance, Rehabilitation, Dislocated Workers, and Job Training Partnership Act assistance are available from the front desk or the VA/TA Coordinator
- Financial Aid questions and assistance, including information on grants, loans, and part-time employment, are directed to the Financial Services Office
- Personalized support for academic, personal, and wellness goals, including guidance on time management, study skills, and connecting with campus resources is available through Student Success.

Student Services

## Alumni Association

Alumni can register at https://ecpinetwork.com/ to connect with other alumni, view job postings, and view upcoming events. Alumni are encouraged to share their success with students as guest speakers. Alumni are entitled to access to on-site campus library resources. For further details, please contact the Campus Career Services Department.

Student Services

## Alumni Search Services

Alumni may be eligible to receive graduate employment assistance even after they have accepted a full-time permanent position with an employer, provided they have been employed with that employer for a minimum of one year. Exceptions to the one-year minimum would be in the case of lay-offs, family emergencies, relocation, and other extenuating circumstances as determined by the University. Current graduates receive priority for employment assistance, and alumni assistance occurs when graduate eligibility has been established and job orders require prior related work experience.

Student Services

## Career Development Workshops

The Career Services Department offers career development workshops that include resume preparation, interviewing techniques, Job Fair Networking Techniques, Understanding and Qualifying Various Employment Firms, Online Resume Posting, and Professional Attire.

Student Services

## Career Fairs

Every year the campus Career Services Departments coordinate career fairs. Employers are invited on campus to conduct corporate recruiting and screening activities. Career fairs provide a convenient and effective way for graduates to explore employment opportunities with a variety of employers and to compare benefits and growth potential.

Student Services

## Career Services

Students choose to attend ECPI because they want to gain the required skills necessary for entry into fast-growing job fields. Among those necessary skills is the ability to prepare for and conduct a job search. ECPI works with each student every step of the way as graduation nears and students begin an employment search.

ECPI's dedicated Career Services Advisors are ready to work one-on-one with students to:

- Review resume
- Assist with interviewing techniques
- Discuss career choice
- Provide help in career/job-market research
- Assist with marketing the student's skills to potential employers
- Generate job leads and offer networking opportunities for employers and students

ECPI encourages each student to visit the Campus Career Services Department prior to enrolling and throughout their education at ECPI.

Career Services develops and maintains relationships with employers to determine hiring needs and to facilitate employment of students, placement of externs, and employment of graduates in positions related to their fields of study. Career Services assists students by developing interview skills, resume preparation and guidance on how to conduct a successful job search.

Although Career Advisors maintain contact with several employers to identify employment opportunities, students are also expected to participate actively in their employment search campaign and to assume ultimate responsibility for their employment.

Although graduates cannot be guaranteed employment or starting salary, ECPI has long been a source of qualified applicants for employers. ECPI graduates are often scheduled or referred for job interviews as employment openings occur. When out-of-state opportunities are presented, graduates are encouraged to consider relocation in order to maximize their earning potential and advancement opportunities.

Student Services

## Certifications and Licensure

Please refer to the Certifications (Professional) page.

Student Services

## Externships

Externships are career-related work experiences that result in academic credit upon completion. Externships are usually non-paid work experiences that occur at locations similar to where students may be employed upon graduation and require advanced approval by the Academic Program Director. Externships provide students the opportunity to dress appropriately and to perform work professionally while demonstrating achievement of program-related learning objectives. Students are encouraged to begin working with the Academic Program Director and/or Academic Advisor at or prior to the beginning of the student's last semester in order to facilitate timely scheduling of their externship.

Students who have not successfully completed externship requirements within one academic term will be assigned a grade of "Incomplete." Students have three weeks after the end of a term to complete externship requirements or the "I" grade will changed to "F". Externship courses are authorized, coordinated, and graded by faculty with input from on-site externship supervisors. Classroom allowances for absence do not apply to the externship setting. Students must satisfactorily complete all externship course requirements.

Externships are coordinated by Academic Advisors with Career Services. Career Services assists with externship site locations after faculty have scheduled students for an externship. Externships are offered in many programs and are required in some (review the specific program information in this Catalog to determine if externships are required for a particular academic program).

Student Services

## Federal Work Study

Federal work-study (FWS) positions are only available to financial aid recipients with FWS awards. The positions are located both on and off campus and are filled at each campus on a competitive basis through the Career Services office.

Student Services

# Graduate Employment Assistance

Students approaching graduation meet with their assigned Career Services Advisors to begin the career search process. Career Services Advisors conduct an individual Career Planning Orientation, and following this meeting and receipt of a final résumé from the student, Career Services Advisors begin assisting graduates by making them aware of job opportunities through the Career Services' employer relationships and hiring events, while coaching graduates through their individual job search process.

## Resumes

Students are taught résumé preparation skills that include how to write a professional résumé and cover letter. Drafts are proofread and reviewed. Completion of an acceptable résumé is a requirement for graduate employment assistance.

Student Services

# Housing - Virginia Beach

ECPI does not provide University-sponsored housing or dormitories. However, ECPI provides assistance in locating housing through several apartment complexes for students residing outside the Hampton Roads area who wish to study at the Virginia Beach main campus. Students must adhere to apartment complex regulations. If any student needs assistance, has questions, or problems arise, contact the apartment complex office. If needs are not met by the apartment complex office, then the ECPI Housing Coordinator may be contacted. Apartments are in close proximity to the campus, shopping mall, grocery stores, etc. Students must have their own transportation.

Student Services

# Housing - All Other Campuses

ECPI does not provide university-sponsored housing or dormitories and students are encouraged to make their own housing arrangements. The University provides information about local apartments and rental opportunities for students interested in living near campus. Students should first contact their campus Admissions Department. All University campuses are located along major traffic arteries to allow easy commuting for students.

Student Services

# Library

The ECPI University libraries provide resources and services at each campus location to support the academic program needs of students, faculty, and staff. The main campus library in Virginia Beach with twelve branch campus libraries in Virginia, North Carolina, South Carolina, and Florida is maintained by a team of professional librarians and support staff. Wireless access is available in all libraries. Libraries are arranged with study spaces, computer workstations, or labs for individual and collaborative work. Academic resources include a print collection of 14,000 books and reference sources. Over 260,000 electronic books, online resource guides, and video tutorials, and 83 research databases covering all disciplines are available **online**. The University's special collection of certification test prep study guides is available from the campus libraries and from the digital library.

## Instruction and Services

Helping students develop lifelong learning skills is an integral part of the library's mission. Ask a Librarian service is ECPI's virtual reference service providing responses to questions through email. Library orientation is held in the freshmen orientation course. New faculty library orientation is included with the onboarding training. Library staff provide individual information assistance and offer classes in library research skills. Librarians partner with the faculty to develop the library collection and provide curriculum support. Campus libraries offer circulation and interlibrary loan services, and provide technology such as computer lab/classroom, headphones, printer, photocopier, and scanner.

## Library Hours

The campus libraries are open to the University's registered students, alumni, faculty, and staff. The campus libraries set their own hours of operation, Monday through Saturday.

## Loan Policies

Items from the circulating collections are loaned. Current registered students, faculty, and staff can check out materials. The loan period is five weeks. There are no library fines, however, each unreturned item incurs a replacement fee and non-refundable processing fee. Holds are placed on circulating items from the Ask a Librarian service. A free Interlibrary Loan (ILL) service is limited to borrowing from any ECPI University campus library. ILL books must be picked up and returned to the campus library. Alumni may borrow books but must pick up and return materials at the campus library.

Student Services

# MyECPI

ECPI University is committed to maintaining the highest standards of ethics and integrity in conducting our business; to treating all students and employees openly, honestly and fairly; and to complying with all federal/state laws and accreditation requirements.

Taking action to prevent problems is important and the University encourages the good faith reporting of possible questionable conduct, suggestions for improvement, or questions on University policies. MyECPI is an enhancement, not a replacement, of the current ECPI University Student Complaint/Grievance policies and procedures. ECPI University encourages students to continue to utilize the student grievance/complaint policy, if you feel comfortable doing so.

Every student has free, unlimited access to MyECPI, an anonymous and confidential incident reporting system. This beneficial service is available 24 hours a day, 7 days a week via a toll-free number 1-800-716-9007 or on the internet at MyECPI.

Upon submission of a report, MyECPI will provide a unique access code and the student will be asked to generate a personal password. The student must document the access code and passwords, as they will be required to follow up on the report.

The student can call MyECPI (1-800-716-9007) or log in to MyECPI to check on the status of the report. Once the unique access code and password are entered, the student may continue anonymous dialogue with ECPI through the message board, "Talk to Your Organization" section of the report.

The University takes good faith allegations of improper conduct very seriously. All reports will be treated as confidential to the fullest extent practicable and no student shall be subjected to reprisal or retaliation for making a report or inquiry in good faith or for seeking guidance on dealing with potential or suspected improper behavior. However, if a report is deemed frivolous or is made in "bad faith," for instance, if a false or misleading report is made in a deliberate effort to get someone in trouble (as opposed to an honest mistake), the person making the report may be subject to disciplinary action, up to and including dismissal from the University.

Student Services

## New Student Orientation

Each new student is required to attend the New Student Orientation, which is typically held on the Thursday before each term start date for evening students and the Friday before each term start for day students. The orientation program is designed to facilitate the students' transition to the University and to help familiarize new students with the organization and operation of the University. At Orientation, students have the opportunity to meet faculty, staff, and/or classmates. Policies and procedures are reviewed and students will be required to complete any outstanding paperwork, including financial aid documents and an Enrollment Certification form regarding key academic and school policy information. Additionally, student services and community resources available to the students are discussed.

All new students are required to attend, and returning students are encouraged to attend orientation. Attendance at orientation does not count towards total attendance requirements for the program.

All new online students and on-campus students who elect to enroll in an online course are required to complete an online orientation course prior to starting classes. This orientation covers the policies and procedures associated with online learning at ECPI University; students have an opportunity to practice working within the online classroom environment during this orientation.

Student Services

## Student Clubs and Organizations

ECPI students are encouraged to participate in extracurricular activities. Student and professional organizations are an excellent way for students to grow personally and professionally. Membership in field-related groups gives students the opportunity to network with industry professionals, take part in educational programs, and get involved in community outreach projects. Students are encouraged to get involved with student and professional organizations.

In addition to the professional organizations, each campus offers student groups for many of the degree programs. For more information about the groups, please see the Student Success Coordinator or Student Records Coordinator at the local campus.

Availability of student organizations varies with each campus. Students who wish to start a student group/club must provide a written proposal and seek official approval through the Academic Program Director, the Campus Director of Academic Affairs, and the Campus President. Clubs must be supported by a faculty or staff member, be program-relevant, and support local employer partnerships.  Officially approved and recognized student clubs and organizations may receive financial support from the University based upon membership.

All student clubs and organizations are expected to uphold and comply with the institution's Code of Conduct and all related policies, found at: Student Conduct Policies | ECPI University Catalog

Student Services

## Student Employment During Enrollment

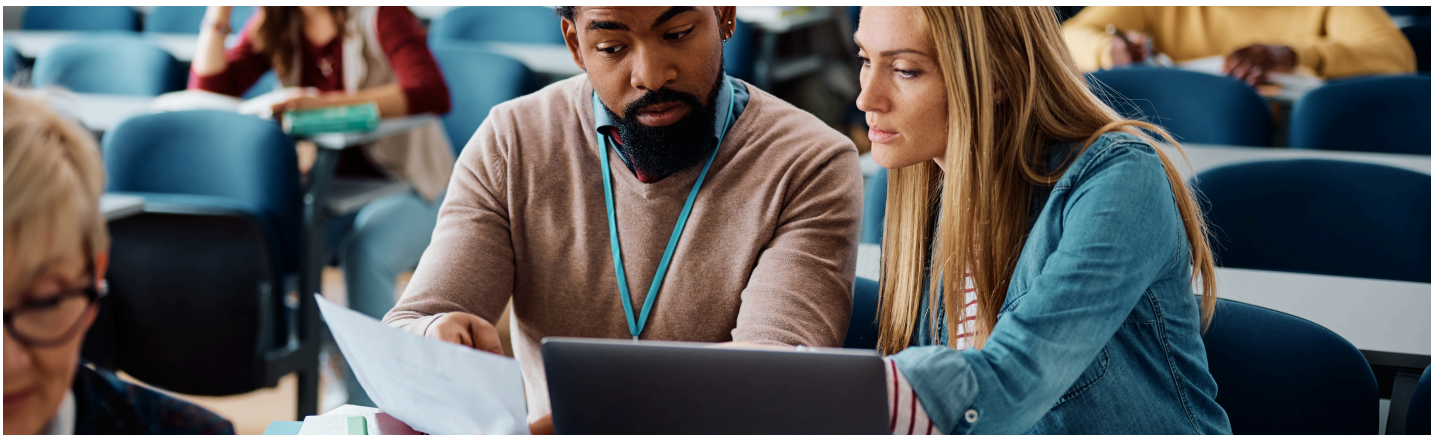
Part-time job search assistance is available to active students. This service is available to students after they begin their first term and may not be directly related to the student's field of study.

Student Services

## WellConnect - Student Resource Services

From time to time, ECPI University students face challenges that could interfere with their abilities to focus fully on their academic work.  At no cost to the student, ECPI provides 24/7 counseling services for currently enrolled students and their family (defined as a "modern family").  Students access the services either through the Student Resource Services portal (https://wellconnect.lucethealth.com) or by calling 1-866-640-4777.  Trained, master's prepared, licensed counselors with five or more years of counseling experience are available to provide support in emotional areas, addiction issues, domestic violence, legal matters, financial guidance, or research potential resources that might be available related to childcare, transportation, housing, or medical needs.  The service also provides consultations for all faculty and staff on student issues.

# Welcome to the University Policies Section



**Navigate the broad university-wide policies using the menu to the left or choose from the following additional policy categories below:**

- Academics Policies
- Admissions Policies
- Financial Aid Policies
- Student Conduct Policies

At ECPI University, the well-being, safety, and rights of our students, faculty, and staff are of utmost importance. Our comprehensive set of policies ensures a respectful, secure, and inclusive environment conducive to academic and personal growth. Whether you're navigating college life or seeking information on appeal procedures, clinical requirements, or study abroad opportunities, these policies are designed to support your educational journey. We encourage all community members to familiarize themselves with these policies to contribute to a safe, respectful, and thriving academic environment.

University Policies

# Anti-Hazing Policy

Per Code of Virginia § 18.2-56, “hazing means to recklessly or intentionally endanger the health or safety of a student or students or to inflict bodily injury on a student or students in connection with or for the purpose of initiation, admission into or affiliation with or as a condition for continued membership in a club, organization, association, fraternity, sorority, or student body regardless of whether the student or students so endangered or injured participated voluntarily in the relevant activity.”

The practice of hazing at ECPI, to any degree or in any form, is strictly prohibited. Students or employees are not permitted to organize, participate in, or in any way involve themselves with any hazing activity or conduct.

Non-observance of this policy is grounds for dismissal from school or termination of employment. In addition, violations will be reported to appropriate law enforcement agencies. Hazing conduct which willfully or recklessly endangers the physical or mental health of any student or other person is punishable by fine, imprisonment, or both. The verbiage/definition of each offense comes directly from the VAWA amended version of the Higher Education Act (revision made in 2014).

Directions to Report a Crime or Emergency appear here: Crime Awareness

See also Student Conduct Policies

University Policies

# Appeal Procedures and Review Boards

Review boards are comprised of faculty and administrative personnel who meet as needed to review the academic, financial, and enrollment status of students. Students, faculty, or administrative personnel may initiate review boards. The boards have the authority to review appropriate issues and serve as the official student appeals process. Actions recommended to the Campus President by these boards include probation, repeat of a course, suspension, leaves of absence, and termination. Students may attend and participate in review board hearings. A student’s spouse or parent(s) may also attend.

Academic Review Boards address concerns that affect student academic progress. Judicial Review Boards address non-academic concerns.

Students who complete the review board process are required to meet with the Financial Services office to review what impact, if any, the outcome will have on their financial status.

## Academic Review Board

### Grade Appeal

See the Grade Policies-Grade Appeals section of the catalog for grade appeal information.

### Academic Termination Appeal Procedures

If a student is terminated (i.e., dismissed) or suspended from ECPI for lack of Satisfactory Academic Progress (SAP) or other academic reasons, the student may appeal by following the steps below:

- The student may submit a written petition to the Academic Review Board through the Campus Director of Academic Affairs' office
- The written petition of appeal must contain verifiable documentation of mitigating circumstances that contributed to poor academic performance and a realistic plan for improvement
- The written petition must be submitted prior to the beginning of the following term if the student wishes to continue without interruption
- The student must appeal within three months of dismissal, or all rights of appeal expire. The Committee will meet within two weeks of receiving an appeal and will attempt to accommodate more urgent schedules

The Academic Review Boards will consist of three or more members of campus administration and/or academic staff. Academic Review Boards will consider all the facts of the appeal and will provide a recommendation to the Campus President typically within two business days.

The Campus President will consider the recommendation of the Satisfactory Academic Progress Committee and will typically render the final decision on the petition in writing within two business days. If the petition of appeal is approved, the student will be reinstated on academic probation and provisions of the University's academic probation policy will apply.

### Judicial Review Board

### Adverse Action Appeal Procedures

Adverse actions are disciplinary actions due to a student violating student conduct policies or academic honesty standards. These can include termination or suspension. All adverse actions take effect immediately when imposed by campus administration but are subject to appeal.

If the student disputes the basis for an adverse action, the student may appeal the action with the following procedure:

- A student appealing an adverse action must submit a written statement with supporting evidence (if any) disputing the basis of the adverse action to the Campus President. The Campus President will investigate the facts of the case and render a final decision in writing typically within seven business days.
- If dissatisfied with the decision of the Campus President, or if the adverse action was taken by the Campus President, the student may appeal to the Judicial Review Board. Any such appeal must be made in writing within 30 days for suspensions, and within three months for terminations. A request to be heard before the Judicial Review Board must be in writing to the Campus President and it must set forth, in significant detail, the basis for the appeal. A Judicial Review Board hearing will be held within a reasonable period of time, usually two weeks. The board will be comprised of three faculty or staff members, none of whom are directly involved in the issue. The appealing student may call witnesses and provide other evidence to support his/her case. The decision of the Judicial Review Board will be by majority vote, will be made within two business days of the Board's meeting, and will be final and binding upon the University and the student.
- If a suspension has already taken place and the course(s) is/are still ongoing and, upon appeal, is reversed by the Campus President or Judicial Review Board, the University will provide reasonable assistance and time for the student to make up missed material, tests, or projects, all of this being on the basis that such extra time or instruction is practical in the sole judgment of the University.
- In the event a student has already been terminated or suspended and the course(s) has/have ended, the student will be allowed to retake any courses that were interrupted by a termination or suspension that was reversed upon appeal.

University Policies

# Arbitration Agreement and Waiver of Jury Trial

Not applicable to students residing outside the state of Virginia who are enrolled in a fully online program.

The student and ECPI University ("ECPI") agree as follows:

- Any dispute the student may bring against ECPI, or any of its parents, subsidiaries, officers, directors, or employees, or which ECPI may bring against the student, no matter how characterized, pleaded or styled, shall be resolved by binding arbitration conducted by the American Arbitration Association (the "AAA"), under its Consumer Arbitration Rules ("Consumer Rules"), with the exception that the arbitrator appointment process shall be governed by AAA Commercial Rule 12(a)-(b). The arbitration shall be conducted and decided by a single Arbitrator. Any remedy available from a Court under the law shall be available in the arbitration. The arbitration hearing will be conducted in the city in which the campus is located.
- Notice Regarding Borrower Defense Claims: The student understands this Agreement is a condition of enrollment in ECPI. This Agreement does not, in any way, limit, relinquish, or waive the student's ability to pursue filing a borrower defense claim at any time. This Agreement does not require that the student participate in arbitration or any internal dispute resolution process offered by ECPI prior to filing a borrower defense to repayment application with the US Department of Education.
- The Federal Arbitration Act ("FAA") shall govern the interpretation, scope, and enforcement of this Agreement. Any and all disputes concerning the interpretation, scope, and enforcement of this Agreement shall be decided exclusively by a Court of competent jurisdiction, and not by the Arbitrator.
- Both ECPI and the student explicitly waive any right to a jury trial. The student understands that the decision of the Arbitrator will be binding, and not merely advisory. The award of the Arbitrator may be entered as a judgment in any Court having jurisdiction.
- The student agrees that any dispute or claim they may bring shall be brought solely in their individual capacity, and not as a plaintiff or class member in any purported class action, representative proceeding, mass action, consolidated or joint action.
- This Agreement does not affect either party's right to seek relief in small claims court for disputes or claims within the scope of the small claims court's jurisdiction.
- The student may, but need not, be represented by an attorney at arbitration.

- Except as specifically required by any applicable state laws, usually the State of Virginia, the fact of and all aspects of this arbitration and the underlying dispute shall remain strictly confidential by the parties, their representatives, and the AAA. The student agrees that any actual or threatened violation of this provision would result in irreparable harm and will be subject to being immediately enjoined.
- The student understands the information about the AAA arbitration process and the AAA Consumer Rules can be obtained at www.adr.org. The student shall disclose this Agreement to the AAA if they file an arbitration.
- If any part of this Agreement is declared unenforceable or invalid, it shall be severable, and the remainder of this Agreement shall continue to be valid and enforceable.
- The student will acknowledge and give their consent to use an electronic signature to bind them to the Agreement. The student will further acknowledge that the electronic signature attached to the document during enrollment was created by them as a voluntary and knowing act that represents their intent to be legally bound.
- The following provision only applies when the U.S. Department of Education's Final Regulations, 87 Federal Register 65,904 (November 1, 2022), are effective, and the Final Regulations are set to become effective on July 1, 2023. The following provision regarding arbitration agreements and class action waivers shall not apply if this provision is no longer required under 34 C.F.R. § 685.300. Additionally, this provision only applies to Federal Direct Loan borrowers or students for whom a Federal Direct PLUS Loan was obtained.

ECPI agrees that neither we nor anyone else will use this agreement to stop the student from bringing a lawsuit concerning our acts or omissions regarding the making of the Federal Direct Loan or the provision by ECPI of educational services for which the Federal Direct Loan was obtained. The student may file a lawsuit for such a claim, or the student may be a member of a class action lawsuit for such a claim even if they do not file it. This provision does not apply to lawsuits concerning other claims. ECPI agrees that only the court is to decide whether a claim asserted in the lawsuit is a claim regarding the making of the Federal Direct Loan or the provision of educational services for which the loan was obtained.

ECPI agrees that this agreement cannot be used to stop the student from being part of a class action lawsuit in court. The student may file a class action lawsuit in court, or they may be a member of a class action lawsuit even if they do not file it. This provision applies only to class action claims concerning ECPI acts or omissions regarding the making of the Direct Loan or our provision of educational services for which the Direct Loan was obtained. We agree that the court has exclusive jurisdiction to decide whether a claim asserted in the lawsuit is a claim regarding the making of the Federal Direct Loan or the provision of educational services for which the loan was obtained.



## Campus Contacts

Students who need assistance with any of these issues should contact the appropriate department. For concerns not listed, please see the Student Records Coordinator or Student Success Coordinator.

| | |
|---|---|
| Absence/Lateness Reporting | Faculty |
| Academic Matters | Faculty, Academic Program Director, Campus Director of Academic Affairs |
| Adding/Dropping Classes | Student Records Coordinators |
| Admissions | Admissions |
| Apartment Rent Payments (Virginia Beach) | Student Window |
| Apartment- Repairs/Other (Virginia Beach) | Housing Complex, Housing Coordinator |
| Complaints | See Student Grievance Procedures |
| Crime Reporting | Campus President |
| Drug Assistance Referral | Campus President |
| Employment | Career Services Center |
| Fees, Tuition, Refunds | Account Coordinator, Financial Aid |
| Financial Aid | Financial Aid Office |
| Graduation Requests | Student Records Coordinator |
| In-School Payments | Student Window, Front desk |
| Leave of Absence | Student Success Coordinator |
| Lost and Found | Student Window or Library |
| Military Tuition Assistance | Tuition Assistance Coordinator, Admissions |
| Scholarships | Admissions |
| Student Records | Student Records Coordinator |
| Transcripts | Official: University Registrar (see transcripts section for additional information) |
| Tutoring | Academic Program Director |
| Veteran Services Point of contact for Academic, Financial, and Disability Counseling | Campus Director of Academic Affairs or Campus President |
| Veterans' Affairs | Campus Veterans Certifying Official |
| Withdrawal from School | Student Success Coordinator |

University Policies

## Campus Security

ECPI is committed to providing a safe, secure environment. Crime awareness and campus security are matters for which everyone must take personal responsibility. Student conduct policies strictly prohibit the possession of weapons and the use of alcohol, controlled substances, and drugs on school property or at school-sponsored activities. Violation of these rules or criminal acts of any kind may result in prompt disciplinary action, including dismissal.

Directions to Report a Crime or Emergency appear here: Crime Awareness

See also Student Conduct Policies

University Policies

## Cancellation and/or Postponement of a Start Date

ECPI reserves the right to postpone or cancel the start date of any term due to insufficient enrollment. If this occurs, the student may request either a guaranteed enrollment in the next scheduled class for that program or cancellation of enrollment with a full refund of all monies paid.

The student may also choose to postpone his/her start date. In the event of a postponement of a start date, whether at the request of the University or the student, a written agreement is required to be signed by the student and the University. The Agreement must set forth (a) whether the postponement is for the convenience of the University or the student, and (b) a deadline for the new start date, beyond which the start date will not be postponed.

If the course is not commenced, or if the student fails to attend by the start date set forth in the Student Enrollment Agreement, the student will be entitled to a full refund of prepaid tuition and fees within 30 days of the deadline of the new start date, in accordance with the University's refund policy and all applicable laws and rules that govern the University.

University Policies

# Certifications

At ECPI University, all students are strongly encouraged to pursue industry-recognized certifications to strengthen employment opportunities and career advancement. To support this effort, eligible students and alumni are provided with low-cost vouchers to offset certification exam costs, making it possible to earn valuable credentials at a fraction of the retail price. If a certification is required as part of a course, the cost is covered as part of the student's tuition.

To provide structured access and ongoing support, ECPI University offers the **Certification Hub** within the Student Portal. Within this hub, students and alumni can view ECPI-approved certifications for their program and follow the steps required to pursue them. They can also access the **ECPI Certification Voucher Program**, which provides the opportunity to attempt multiple certifications at minimal cost.

Some courses are designed to provide knowledge and skills that support preparation for specific certification exams; however, successful completion of a course does not guarantee certification.

## ECPI Certification Voucher Program

### Eligibility

- All active students and alumni are eligible to receive vouchers for certifications approved for their current or completed program(s). Alumni 18 months post graduation are eligible for vouchers if University Discount applies. (See Student and Alumni Voucher Costs below)
- Faculty and staff may request certification vouchers for role-related certification exams with prior approval.

### How It Works

- Students and alumni start the process to obtain a certification in the Certification Hub of the Student Portal by clicking **Begin** on the certification card.
- Vouchers become available to purchase once the student has met the readiness requirements outlined.
- Students and alumni receive credit for **three vouchers**. Note that CompTIA Security+, or other certifications that are required by the program are already covered in tuition and do not count toward the voucher limit.
- Each exam requires one voucher and only one voucher may be used at any given time.
- **Exam results must be uploaded to the Certification Hub** in the Student Portal before another voucher is issued.
- Each time a student or alumni passes a certification exam, a voucher credit **is automatically replenished** after results are uploaded and verified, with no cap on how many approved certifications they can earn.
- Voucher credits are not replenished after an unsuccessful exam attempt. Students will exhaust their voucher limit after three attempt failures.

### Attempts and Retakes

- **Retakes:** If students or alumni do not pass, the voucher is redeemed, but remaining credits may be used for retakes or other certifications if the exam results are uploaded in the Certification Hub of the Student Portal.
- **Attempts:** Active students and alumni up to 6 months after graduation have a **maximum of three** attempts, and alumni within 6-18 months of graduation will be limited to **two attempts**; after that, their vouchers will **be exhausted**, regardless of which certification they use them for.

### Student and Alumni Voucher Costs

- **Technology, Business & Criminal Justice Certifications:**
  - Active students: $20 per certification voucher
  - Alumni (within 6 months of graduation): $20 per certification voucher
  - Alumni (6–18 months):
    - Over $200 exam cost → alumni receive $100 subsidy
    - $100–$200 exam cost → alumni pay $100 flat
    - Under $100 exam cost → alumni pay University cost
  - Alumni (18+ months): pay University Cost
    - *Some certification exams do not offer a University discount. When the University and retail prices are the same, students may register and pay for the exam directly rather than using a voucher.*
- **Nursing, Health Science & Culinary Certifications:**
  - Active students & Alumni: pay 25% of certification voucher cost

### Where to Test (But Not Limited To)

- Pearson Testing Centers

- Pearson OnVUE (online)
- ECPI Campus Testing Centers (where available)

### Special Notes

- Only one voucher may be active at a time; exam results must be submitted before the next voucher is issued.
- Additional voucher credits may be awarded at the University's discretion.
- As long as students keep passing, they'll never run out of opportunities. Fail three times on a certification, and voucher eligibility ends.
- If you graduated before January 2026, please reach out to:
    - certvoucher@ecpi.edu for voucher related questions
    - studentportal@ecpi.edu for other certification support

### University Resources

Academic Program Directors and Career Services can provide guidance and resources to help students:

- Identify recommended certifications
- Navigate the certification voucher process
- Investigate state licensure requirements

The ECPI approved certification list is published on the ECPI Library website.

### Career Advancement Bookstore Award

ECPI University has designated select certifications and licenses as eligible for the Career Advancement Bookstore Award. Award information can be found in the ECPI Scholarships section of the catalog. Students should consult with their campus Financial Aid office for more information.

University Policies

## Clinical Requirements and Immunization Policy

ECPI University has established the following Clinical Requirements and Immunization Policy for programs within the College of Health Science. Students must also refer to their program handbook for additional policies.

- AHA CPR Card
- Drug Screen, per state requirements
- Physical exam, proof of immunizations, current TB
- Permission to conduct a criminal background check

University Policies

## Commencement

Commencement ceremonies are held annually, usually in June or July. Students who have met the requirements for graduation or reach graduate candidate status are encouraged to participate and to invite their families and friends to attend. Graduate candidate status is achieved by students who are actively enrolled and are scheduled for program completion by a date authorized by the Campus President.

University Policies

## Communicable Disease

Students are required to practice Standard Precautions and Infection Control measures at all times in order to minimize the potential for transmission of infection among patients and personnel. Individual clinical education centers may have their own communicable/infectious disease policies, which cover regulations and/or procedures not contained in the program policies. The Infection Control Manual for the Health Sciences Division is available for reference. Published policy and procedures are available at campus.

University Policies

## Communications and Computing Policies

Click on the following sections related to Communication and Computing Policies.

Communications and Computing Policies - includes information on **Student Electronic Communications** plus the following:

- Access and Acceptable Use
- Computing Equipment and Software
- Electronic Forgery
- Encryption
- Intellectual Property

- Limits of Privacy
- Personal Portable Electronic Devices
- Retention and Security of Messages
- Transmitting Confidential Information

University Policies

## Crime Awareness

ECPI University faculty and staff are concerned that all students and employees experience a safe and secure environment. It is the responsibility of every student and employee to be aware of safety and security matters and to promptly report any crime to school officials and to the local police.

In compliance with the Crime Awareness and Campus Security Act of 1990, the Campus Security Policy and Report is available to prospective students upon request to the Campus President. The report discusses safety and security issues such as the importance of prompt reporting of crimes, campus security procedures, and statistics for the prior three calendar years, as well as other pertinent information.

No later than October 1 of each year, current students and employees receive the annual Crime Awareness and Campus Security Report. A Safety Report is available on the University web site at http://www.ecpi.edu/campus-security-information/.

***Conduct***. All members of the ECPI community and visitors are required to obey ECPI regulations. They reflect the policies set by the President and Board of Trustees as well as local, state, and federal laws. Observed, they help to provide a safe environment for all of our staff and students engaged in a wide range of activities.

ECPI University respects and protects the individual dignity, integrity, and reputation of its students. Students must comply with the conventions and regulations that are necessary to maintain order, protect individuals and property, and fulfill the purposes and responsibilities of our schools. ECPI University is responsible under state law for maintaining order and is empowered to exclude those who are disruptive.

***Reporting a Crime or Emergency***. Criminal activities and emergencies occurring on ECPI University facilities should be reported immediately to the Campus President or Campus Director of Academic Affairs either in person or via telephone.

An ECPI University representative and local authorities will investigate the incident, document the information, and take appropriate action.

Crimes that occur at student housing should be reported to the police department having legal jurisdiction for that area, and to Campus President's office.

The Campus President will ensure that all reports of criminal activities or other emergencies occurring on campus will be reported and recorded at each ECPI University location. Monthly/ quarterly reports will be forwarded to the University Administration at the Virginia Beach main campus. University Administration will maintain a record of the following criminal offenses reported to campus security authorities or local police agencies: Criminal Homicide, Sex Offenses, Domestic Violence, Dating Violence, Stalking, Robbery, Aggravated Assault, Burglary, Motor Vehicle Theft, Arson, Liquor Law Violations, Drug Law Violations, and/or Illegal Weapons Possession.

Any questions regarding the Campus Security or Crime Awareness Policies should be directed to the Campus President.

University Policies

## Drug-Free Workplace and Campus

In accordance with Public Law 101-226 (Drug-Free Schools and Communities Act Amendments of 1989), ECPI pursues and promotes a comprehensive program to prevent and correct the illegal use of drugs and the abuse of alcohol by students.

The use of illicit drugs and alcohol can lead to physical and psychological dependence and damage, behavioral changes, and possible death. Even low doses may significantly impair judgment and coordination.

ECPI does not tolerate illegal drugs or alcohol on campus, and the use or possession of such substances on ECPI grounds is sufficient cause for termination of a student's enrollment as well as referral of the case to appropriate legal authorities.

Students are informed at orientation that the standards of conduct clearly prohibit the unlawful possession, use, or distribution of drugs and alcohol; a clear statement of the specific sanctions to be imposed on student (consistent with local, state and Federal law); and a description of these sanctions, up to and including dismissal and referral for prosecution for violations of the standards is provided during orientation.

Directions to Report a Crime or Emergency appear here: Crime Awareness

University Policies

## Equal Employment/Educational Opportunity

ECPI University is committed to maintaining an educational environment which welcomes and supports a diverse student body and staff. ECPI is an equal employment opportunity employer and educational provider and does not discriminate against any person because of race or color, religion or creed, sex or sexual orientation, gender identity or expression, national origin or ethnicity, age, disability, military service or veteran status, political affiliation or belief, marital status, or pregnancy status.

This non-discrimination policy extends to all terms, conditions, and privileges of admission to the University, enrollment in classes, student services, financial aid, and employment as well as the use of all University facilities and participation in all University programs and activities. The University conducts its educational activities in accordance with provisions of Title VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973. Harassment/discrimination will not be tolerated at ECPI and is considered a violation of institutional policy.

Inquiries regarding, or reports of alleged violations of this policy should be directed to:

Shanna Campise

Title IX Coordinator/Section 504 Coordinator

ECPI University

5555 Greenwich Rd.

Virginia Beach, VA 23462

757.994.1054

TitleIX_Coordinator@ecpi.edu

University Policies

# Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education.

FERPA gives parents certain rights with respect to their children's education records. These rights transfer to the student when he or she reaches the age of 18 or attends a school beyond the high school level. Students to whom the rights have transferred are eligible students.

As noted above, the rights under FERPA transfer from the parents to the student once the student turns 18 years old or enters a postsecondary institution at any age. However, although the rights under FERPA have now transferred to the student, a school may disclose information from an "eligible student's" education records to the parents of the student, without the student's consent, if the student is a dependent for tax purposes. Neither the age of the student nor the parent's status as a custodial parent is relevant. If a student is claimed as a dependent by either parent for tax purposes, then either parent may have access under this provision.

Parents and Eligible Students Rights include the right to inspect and review the student's education records within 45 days of the day ECPI receives a request for access.

A parent or eligible student should submit to the Campus President a written request that identifies the record(s) the parent or eligible student wishes to inspect. The ECPI official will make arrangements for access and notify the parent or eligible student of the time and place where the records may be inspected.

The right to request the amendment of the student's education records that the parent or eligible student believes is inaccurate, misleading, or otherwise in violation of the parent or eligible student's privacy rights under FERPA.

A parent or eligible student who wishes to ask ECPI to amend a record should write the ECPI official responsible for the record, clearly identify the part of the record the parent or eligible student wants changed, and specify why it should be changed.

If ECPI decides not to amend the record as requested, ECPI will notify the parent or eligible student in writing of the decision and the parent or eligible student's right to a hearing, conducted within the procedures established for Academic Review Boards in ECPI's catalog, regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the parent or eligible student when notified of the right to a hearing.

After the hearing, if the school still decides not to amend the record, the parent or eligible student has the right to place a statement with the record setting forth his or her view about the contested information.

Generally, schools must have written permission from the parent or eligible student in order to release any information from a student's education record. However, FERPA allows schools to disclose those records, without consent, to the following parties or under the following conditions (34 CFR § 99.31):

- School officials with legitimate educational interest
- Other schools to which a student is transferring
- Specified officials for audit or evaluation purposes
- Appropriate parties in connection with financial aid to a student
- Organizations conducting certain studies for or on behalf of the school
- Accrediting organizations
- To comply with a judicial order or lawfully issued subpoena
- Appropriate officials in cases of health and safety emergencies and
- State and local authorities, within a juvenile justice system, pursuant to specific State law

A school official is a person employed by ECPI in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom ECPI has contracted as its agent to provide a service instead of using ECPI employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks; and in order to comply with a lawfully issued subpoena or court order.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for ECPI.

Upon request of another school, ECPI also discloses education records without consent to officials of another school in which a student seeks or intends to enroll.

ECPI has designated the following types of information as directory information: the student's name, address, telephone number; date and place of birth; honors, awards, and certifications; and dates of attendance. Parents and eligible students may request that the school not disclose directory information about them by contacting the Campus President of the ECPI location that the student is currently attending or has previously attended.

Written consent must state the purpose of disclosure, specify records to be disclosed, identify those to whom the disclosure may be made, and must be signed and dated. ECPI Presidents will provide direction for these requests.

The student has the right to file a complaint with the U.S. Department of Education concerning alleged failures by ECPI to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

Family Policy Compliance Office

U.S. Department of Education

400 Maryland Avenue, SW

Washington, DC 20202-8520

Phone: 1.800.USA.LEARN (8.800.872.5327)

Individuals who use TDD may use the Federal Relay Service

http://www.ed.gov/about/contacts/gen/index.html#frs

University Policies

## Fire Emergency

The fire alarm will sound if there is a fire or other emergency necessitating building evacuation. Upon hearing the alarm, everyone is to leave the building by the nearest exit. In multi-story locations, use stairwells (not elevators). Students should not re-enter the building until authorized by an ECPI official. Exit routes are posted in all student areas. Fire extinguishers are strategically placed for emergency use.

University Policies

## Holidays

ECPI observes the following holidays: New Year’s Day, Martin Luther King, Jr.'s Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. On these days, ECPI will be closed for academic purposes. If the holiday falls on Saturday, the holiday will be observed on Friday. If the holiday falls on Sunday, the holiday will be observed on Monday.

University Policies

## Identification Cards

New students, faculty, and staff are issued a complimentary ECPI University ID card.

ID card, Terms and Conditions of Use:

- All ID cards are the property of ECPI and are provided for appropriate use for identification and access to services
- ID cards are to be carried at all times while on campus
- The ID card is valid as long as the holder continues his/her specific affiliation with ECPI
- The ID card is not transferable
- Any misuse, alteration, or fabrication of the ID card will subject the holder to disciplinary action by the University
- Students shall show their ID card when requested to do so by University officials performing their duties that identify themselves and state the reason for their request

A replacement fee of $10.00 will be incurred if the ID card becomes lost or its condition renders the card unreadable. ID cards replaced due to malfunction or due to a change of name or identification number are reissued at no charge.

University Policies

## Instructional Resources

Each program requires that students use certain textbooks and supplies as part of the enrollment in the program and are issued to students as they begin each course. Students are responsible for their books and must purchase an additional book in the event of damage, loss, or theft. If students change a course for any reason, the student is responsible for any additional charge necessary if a different textbook is required.

Required textbooks, including e-texts, may be included in the student’s financial aid.

Each student is responsible for providing his/her own supply of notebooks, copy paper, calculator, pens, pencils, etc. as needed. Certain programs require program-specific supplies.

See the Tuition and Fees section of this Catalog for additional information.

University Policies

# Intellectual Property

Subject to the following conditions, a student will retain ownership rights to works created by the student as a class assignment or as part of a pro-bono commission approved as a student project by an instructor. A pro-bono commission is work that an instructor may approve for students to undertake as a skill-building opportunity. Students may receive nominal consideration provided by the person or group that commissions such a work.

For purposes of clarification, the University agrees that all rights of intellectual property and other ownership rights in a work created by a student will belong, as between the University and the student, to the student only if all of the following conditions respecting such work are met:

- The work is not derivative of or otherwise infringe upon any other University-owned intellectual property right
- The work is created by the student entirely on his/her personal time

Each student shall remain at all times responsible and liable for his/her own actions in the creation, use and distribution of intellectual property created by the student.

University Policies

# Licensure Exams

Certain programs, particularly in health science and nursing, require professional, national, or state certification or licensure as a prerequisite to employment. Requirements vary by state. Each student is responsible for researching licensure and certification laws in the state(s) and/or municipalities where they plan to work.

Licensure requirements often include:

- Verification of good moral character
- Disclosure of prior criminal convictions

Students and graduates with prior convictions may experience limitations or denial of licensure, externship placement, or employment opportunities.

## College of Health Science and College of Nursing

The appropriate Program Director or Director of Nursing manages exam approvals. The University may subsidize one retake per failed exam for College of Health Science students on the condition that the tester follows a designated remediation plan to improve. Nursing students (ADN and PN) are subsidized once for the licensure exam. Nursing students must pay full price for a retake exam.

## University Resources

Academic Program Directors and Career Services can provide guidance and resources to help students investigate state licensure requirements.

University Policies

# Non-Discrimination Policy

In accordance with the provisions of Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973, ECPI University is committed to providing an environment for its students, faculty, and staff that is free from discrimination and to ensuring that all enrollment, education, and employment decisions are based solely on an individual's abilities and qualifications and not on unrelated personal factors, including (without limitation) race or color, religion or creed, sex or sexual orientation, gender identity or expression, national origin or ethnicity, age, disability, military service or veteran status, political affiliation or belief, marital status, or pregnancy status.

It is important that students, faculty, staff, and all others associated with the University understand the importance of reporting possible violations of this policy. The University's commitment demands a full investigation of any possible violation of this Non-Discrimination policy. Retaliation for good faith reporting of an alleged violation of this policy will not be tolerated.

To report alleged violations of this policy, or retaliation, contact:

| |
|---|
| Shanna Campise<br><br>Title IX Coordinator/Section 504 Coordinator<br><br>ECPI University<br><br>5555 Greenwich Rd.<br><br>Virginia Beach, VA 23462<br><br>757.994.1054<br><br>TitleIX_Coordinator@ecpi.edu |

University Policies

# Parking

Students are to park only in designated parking areas. Under extenuating circumstances, the Campus President may grant special permission for students to park in other areas, and such permission will be noted on students' ID cards. Some campuses issue window stickers for parking; the sticker should be placed on the left side of the rear window. Violators of parking policies are subject to probation, suspension, or dismissal. Handicapped parking spaces are reserved for students, visitors, or employees who display an appropriate state-issued handicap placard or license plate.

The University assumes no responsibility for the care or protection of any vehicle or its contents at any time it is operated or parked on the campus.

University Policies

# Program Closure and Teach-Out Policy

## Policy Statement

ECPI University is committed to managing program closures in accordance with the requirements of the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) and with institutional integrity. The University ensures that program closures are:

- Approved internally before any student communication
- Reported to SACSCOC with an appropriate teach-out plan
- Executed with minimal disruption and cost to currently enrolled students

## Scope

This policy applies to:

- Complete termination of academic programs across all locations and delivery methods
- Program closures at specific locations or via specific delivery methods
- All credit-bearing degree and certificate programs offered by ECPI University

This policy does not apply to internal changes such as the removal of a concentration, minor, or other embedded specializations within a program.

## Definitions

Program Closure: The termination of admissions to a program at any or all locations or delivery methods. Closure is effective when new students are no longer enrolled into the program, not when instruction ends.

Teach-Out Plan: A detailed plan that outlines how affected students will complete their program of study in a timely and equitable manner.

## Roles and Responsibilities

- Vice President of Academic Affairs: Oversees academic impact assessment and internal approvals.
- SACSCOC Accreditation Liaison (VP of Accreditation & Institutional Effectiveness): Coordinates the development and timely submission of required documents to SACSCOC.
- University Management Team: Provides institutional review and final internal approval for program closure actions.
- President and Board of Trustees: Approve closures when board-level endorsement is necessary.

## Procedures

**1. Initiation of Closure**

- Conduct market analysis and rationale for closure
- Secure preliminary approval from the VP of Academic Affairs and President

**2. Internal Review and Approval**

- Submit proposal through the Academic Affairs Council
- Submit proposal to the University Management Team for final approval

**3. Teach-Out Plan Development**

- Initiate development of a teach-out plan immediately upon closure decision. The plan must address:
    - Affected student count
    - Completion timelines
    - Transfer or teach-out institution agreements
    - Communication strategy for students and staff
    - Resource and budget analysis

**4. SACSCOC Notification**

The University will submit a teach-out plan and program closure notification to SACSCOC. However, program closure is not official until approved by the SACSCOC Board of Trustees. The University may begin implementing the teach-out after submission but before approval, at its own risk.

**5. Student Communication and Support**

- Notify affected students in writing
- Provide academic advising and transfer support
- Ensure minimal financial and academic disruption

**6. Monitoring and Follow-Up**

- Regularly assess student progression in teach-out phase
- Submit any additional required reports to SACSCOC or other regulatory bodies

## Documentation and Records

All program closure documents including internal approvals, SACSCOC correspondence, and student communication logs must be maintained for a minimum of five years by the Office of Accreditation and Institutional Effectiveness.

## Compliance and Noncompliance

Any failure to comply with this policy may jeopardize the University's accreditation standing. If a program closes without an approved teach-out plan, the institution must submit a request for a period of noncompliance in accordance with SACSCOC policy.

University Policies

# Safety in Private Spaces Act - Lake Mary (Orlando) campus only

ECPI University Orlando Campus faculty, staff, students, and visitors are expected to adhere to Florida Statue 553.865, "Safety in Private Spaces Act." This includes not entering a restroom or changing facility for the opposite sex except for authorized purposes, for example:

- To assist or chaperone a child under the age of 12, an elderly person, or a person with a disability
- For law enforcement or government regulatory purposes
- To render emergency medical assistance or intervening in an emergency
- To conduct custodial, maintenance, or inspection functions when the restroom or changing facility is not in use
- To enter when the appropriate designated restroom or changing facility is out of order or under repair and the restroom or changing facility is not occupied by a person of the opposite sex

For the purposes of this policy, gender is based upon biological sex at birth. Visitors and guests who violate this policy may be charged with trespassing. University faculty, staff, and students may face disciplinary action up to and including termination or suspension. Faculty and staff are encouraged to report alleged violations to the Campus President. All faculty and staff, however, have a right to file a complaint with the Attorney General alleging the University has failed to meet the minimum requirements for safety in private spaces as defined in 553.865.

University Policies

# School Closing or Class Cancellation

ECPI may close the school or cancel classes for the following reasons:

- Extreme weather situation in which it is determined unsafe for students to travel
- Emergency situation in a particular classroom (e.g. lack of electricity or air conditioning/heat)
- Faculty unavailable due to illness or personal emergency when a qualified substitute is unavailable
- Other unforeseen events

***Class cancellations***. In the event that a class meeting must be cancelled, ECPI will make every effort to inform students of the cancellation as soon as possible.

***School closing***. ECPI's policy is to remain open whenever possible. If snow or other weather conditions or an emergency situation results in a school closing, announcements will be posted on the student portal of the University web site, local television, and/or radio stations. The front office at each campus can provide a list of stations notified of ECPI weather closings.

***Rescheduling of Cancelled Classes***. In the event of a cancelled class or school closing, it may be necessary to schedule make-up classes on another day or at the end of the term.

Unless further announcements are made, classes will resume on schedule the following day. Students are to assume responsibility for their own safety when making decisions to attend class during inclement weather.

University Policies

# Sexual Harassment and Sexual Misconduct Policy

ECPI University is committed to providing a teaching, learning, and working environment that is free from sexual harassment and sexual misconduct.

This policy prohibits sexual harassment and sexual misconduct (“Prohibited Conduct”) on University property and in all University programs and activities. Individuals who engage in Prohibited Conduct are in violation of this policy and are subject to disciplinary action. This policy also prohibits retaliation against individuals who report Prohibited Conduct, who assist others in reporting, or who participate in University proceedings related to such a report.

The University will provide appropriate training about Prohibited Conduct and this policy. All participants in University programs and activities are responsible for helping to ensure our University community is kept free of Prohibited Contact by refraining from engaging in such conduct, completing required training, and complying with reporting requirements when they become aware of Prohibited Conduct.

Individuals who are subjected to Prohibited Conduct in violation of this policy are encouraged to report these incidents. All reports will be treated seriously. Individuals who experience Prohibited Conduct will have access to appropriate resources regardless of their decision to report.

This policy applies to all members of the University community including, but not limited to, students, employees, interns, contractors and vendors (including their employees), guests, and visitors while they are on University property or participating in University programs and activities.

## Prohibited Conduct

### Sex Discrimination

Conduct that adversely affects any aspect of an individual’s employment, education, or participation in an institution’s activities or programs or has the effect of denying equal access or treatment to an individual on the basis of that individual’s sex or gender. Sexual harassment and sexual misconduct are forms of sex discrimination.

### Sexual Harassment

Unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature constitutes sexual harassment when (1) submission to such conduct is made either explicitly or implicitly a term or condition of an individual’s employment or educational experience or their participation in a University program or activity, (2) submission to or rejection of such conduct by an individual is used as the basis for employment, academic, or program-related decisions affecting such an individual, or (3) creates a hostile environment.

### Sexual Assault

Sexual contact or sexual intercourse with another person without the consent of that person.

### Dating Violence

Violence committed in a “dating relationship,” which is defined as a romantic or intimate social relationship between two adult individuals; “dating relationship” does not include a casual relationship or ordinary fraternization between two individuals in a business or social context. The University shall determine if a dating relationship existed by considering the length of the relationship, the type of the relationship, and the frequency of the interaction between the adult individuals involved in the relationship.

### Domestic Violence

Any of the following engaged in by an adult family member or adult household member against another adult family member or adult household member, by an adult caregiver against an adult who is under the caregiver’s care, by an adult against his or her adult former spouse, by an adult against an adult with whom the individual has or had a dating relationship, or by an adult against an adult with whom the person has a child in common:

1. Intentional infliction of physical pain, physical injury, or illness.
2. Intentional impairment of physical condition.
3. A violation of state statutes regarding sexual assault
4. A violation of state statutes regarding stalking.
5. A violation of state statutes regarding damage to property, involving property that belongs to the individual.
6. A threat to engage in any of the conduct under 1 through 5 listed above.

### Stalking

Intentionally engaging in a course of conduct that would cause a reasonable person under the same circumstances to suffer serious emotional distress or to fear bodily injury to or the death of himself or herself or a member of his or her family or household.

### Retaliation

An adverse action taken against an individual in response to, motivated by, or in connection with the individual’s complaint of Prohibited Conduct, participation in an investigation of such complaint, and/or opposition of Prohibited Conduct in the University’s workplace or educational programs and activities. An adverse action is an action that a reasonable person would find materially adverse such that it would dissuade the person from making or supporting a charge of discrimination.

### Providing false information

Any person who makes intentionally false statements or provides intentionally false information when reporting a violation of this policy or during the course of any disciplinary proceeding pursuant to this policy is subject to disciplinary action. The fact that a complaint of Prohibited Conduct did not result in a finding of wrongdoing in a law enforcement or University disciplinary proceeding will not, by itself, be a basis for determining that this provision has been violated.

## Reporting

***Violations of this Policy should be reported to the Title IX Coordinator.***

Title IX Coordinator's responsibilities include:

- Promoting the creation of policies, procedures, and notifications designed to ensure university compliance with Title IX;
- Being trained annually regarding sexual harassment, including sexual violence, and is familiar with the university's grievance procedures;
- Overseeing implementation of grievance procedures, including investigation and disposition of complaints, and identifying and addressing any problems throughout an investigation;
- Answering questions and providing guidance about Title IX compliance and the university's related policies and procedures;
- Serving as a liaison to the U.S. Department of Education's Office of Civil Rights and other state and federal agencies that enforce Title IX;
- Ensuring the campus community and university employees are adequately trained and educated on their Title IX compliance responsibilities; and
- Monitoring all other aspects of the university's Title IX compliance.

Shanna Campise, Title IX/Section 504 Coordinator

5555 Greenwich Rd.

Virginia Beach, VA 23462

(757) 994-1054

TitleIX_coordinator@ecpi.edu

***Violations of Title IX may also be reported directly to the US Department of Education, Office for Civil Rights.***

### (OCR) US Department of Education, Office for Civil Rights

In addition to constituting a violation of this policy, Prohibited Conduct might also constitute criminal conduct that violates state and local statutes. Regardless of whether these acts are reported to the University, anyone who has been subjected to sexual harassment or sexual violence has the option of reporting to law enforcement.

### Confidential Resources

Well Connect 1-866-640-4777

### Investigatory and Disciplinary Procedures

For purposes of this policy, a Complainant is any individual who is reported to have been subjected to Prohibited Conduct and a Respondent is a person who is accused of violating this policy. Complainants and respondents will be treated equitably.

Upon receipt of a formal complaint, the Title IX Coordinator will assess for a possible Title IX violation. If a possible violation is found, written notification will be provided to both the complainant and respondent which contains the allegations and facts, details on the formal grievance process (investigation and live hearing), details on the informal resolution process (if an option), a statement that the parties can request to inspect and review certain evidence, and information regarding the code of conduct, presumption of innocence and false statements.

Efforts will be made to ensure confidentiality to the extent practical consistent with the goals of preventing further instances of the alleged Prohibited Conduct and conducting a fair and thorough investigation.

If a possible violation of Title IX is not found, if the Complainant notifies the Title IX Coordinator in writing that he/she wishes to withdraw the complaint or if the respondent is no longer employed by the University, both parties will be sent written notice which includes the reason for the dismissal and the right to appeal.

Please note that this policy sets forth our goals of promoting a teaching, learning and work environment that is free of Prohibited Conduct. The policy is not designed or intended to limit the University's authority to discipline or take remedial action for conduct the University deems unacceptable, regardless of whether that conduct meets the definition of Prohibited Conduct.

### Applicable Statutes

Title IX. Title IX of the Education Amendments of 1972 (20 U.S.C. sec. 1681 et seq. (as amended) and its implementing regulation, 34 C.F.R. Part 106. A federal law that states, "[n]o person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance." 20 U.S.C. § 1681(a).

Violence Against Women Act (VAWA). Federal law enacted in 1994, which promotes the investigation and prosecution of violent crimes against women, among other objectives. Recently, it amended the Clery Act [42 U.S.C. §§ 13701-14040], through the Campus Sexual Violence Elimination Act (SaVE) provision, Section 304.



# Social Security Number

ECPI is dedicated to ensuring the privacy and proper handling of confidential information pertaining to students and employees. The Social Security number shall be required of all entering students for their permanent student records. An alternative student identification number will be assigned to each student. This identification number will be used for all purposes that do not require a social security number. In no event shall grades be posted using the social security number. See the section on Identification Cards for more information about the issuance and use of the ECPI ID card.

University Policies

# Student Conduct Policies

Click on the following sections related to Student Conduct Policies.

Student Conduct Policies - which includes the following information on the following:

- Attendance Policies
- Children on Campus
- Communications and Computing Policies
- Dress and Appearance
- Drug-Free Workplace and Campus
- Eating and Drinking in Classrooms
- Honor Code
- Late Assignments
- Non-Discrimination Policy
- Plagiarism Policy
- Sexual Harassment and Sexual Misconduct Policy
- Smoking on Campus

University Policies

# Student Consumer Information

The Student Consumer Information regulations of the United States Department of Education require colleges to provide students with access to information they are entitled to as a consumer. Our goal is to provide each student with complete and easy access to this information and to inform you annually of the availability of this information. This information may also be found on the ECPI University website, https://www.ecpi.edu/student-consumer-services, and other links on the website, requested from our campus staff, and provided in paper form on request.

Any requests for information under this service should be sent to info@ecpi.edu.

***California Residents - CA Consumer Protection Act (CCPA)***

The “CCPA” gives students who are California residents certain rights to know personal information retained by ECPI University. ECPI University retains personally identifiable information for the purposes of facilitating the processing of federal student aid benefits, veteran’s benefits, state and local financial assistance, and required reporting to federal, state, and local governments as required. ECPI University does not sell student information. Certain information is shared with various vendors to allow access to learning and student support platforms and servicing of student records and accounts. ECPI University must retain most information to comply with regulatory and legal requirements, and this information cannot be deleted. Much of the information retained was submitted by the student to government agencies, who then necessarily transmitted this information to ECPI University.

California residents may request that ECPI University disclose to what personal information is collected, used, shared, or sold, and why it is collected, used, shared, or sold. Specifically, students who are California residents may request:

- The categories of personal information collected
- Specific pieces of personal information collected
- The categories of sources for collected personal information
- The purposes for which the personal information is used
- The categories of third parties with whom the information is shared
- The categories of information that is disclosed to third parties

This information must be provided, upon request at no charge, for the 12-month period preceding the request.

California residents may call their campus registrar or send an email to registrar@ecpi.edu. Responses will be made within 45 days or with notice, up to 90 days.

University Policies

# Student Contact Information

Each student is provided with an ECPI email address to facilitate communication between the University and the student.

It is essential that students notify the campus Student Records Coordinator immediately of any changes to their name, address, telephone number, or email address. Upon graduation, it is mandatory that students who have loans through Title IV funding to notify ECPI of any changes to their address and phone number.

Student consents to receiving notifications regarding all required consumer information (safety reports, curriculum updates, receipts for federal assistance, academic progress, financial aid counseling, etc.) via his/her ECPI assigned email account which can be accessed from any PC at ECPI and elsewhere.

University Policies

# Student Grievance Procedures

ECPI University is committed at all times to providing an educational experience which is conducive to the personal and professional growth of each student in a comfortable, student-oriented environment. As part of that commitment, the University has developed procedures designed to ensure that its students have a meaningful and fair opportunity to pursue any grievance they may have, whether the grievance relates to an academic matter, a non-academic matter or any other facet of their University experience. These procedures are as follows:

Students are encouraged to make every possible effort to resolve a grievance on an informal basis through discussion(s) with the faculty or staff member whom the student believes will be most knowledgeable about the matter at hand. If for any reason the student is not comfortable pursuing those discussions with such faculty or staff member, the student may choose to discuss the issue with another faculty or staff member chosen by the student or recommended to the student by his or her Program Director, the Campus Director of Academic Affairs, or the Campus President. All University faculty and staff members are required to treat each student grievance in a professional manner and to endeavor to resolve all grievances fairly and swiftly.

Students at all times have available to them on a 24/7 and unlimited basis access to the MyECPI resource. MyECPI is a third-party anonymous and confidential incident reporting service available to all University students. A student may contact MyECPI by telephone at 800-716-9007 or online at MyECPI. More information on MyECPI may be found in the Student Services section of the Catalog.

If following the pursuit and conclusion of the procedures described in the immediately preceding paragraphs the grievance remains unresolved to the reasonable satisfaction of the student, the student is invited to submit a written request (formal grievance) for further review. Any such written request must be submitted by the student no later than fifteen days following the conclusion of the informal procedure described above and must be directed, at the student's option, either (a) to the student's Campus Director of Academic Affairs or to the Campus President or (b) to the University President. ECPI University will strive to keep all grievances confidential but cannot guarantee confidentiality. Under some circumstances, a release in respect of confidentiality may be needed in order for a grievance to be properly investigated and resolved in a timely manner. Unless submitted through the MyECPI system, anonymous grievances will not be acted upon.

Contact information for the University President is as follows:

| | |
|---|---|
| By mail: | President, ECPI University<br>5555 Greenwich Road; Virginia Beach, VA 23462 |
| By email: | president@ecpi.edu |

The following minimum details should be included in any such written request:

- A description of the issue, including all relevant details such as dates and identities of other individuals involved
- A description of the student's efforts to resolve the subject dispute prior to the written submission, such as details including dates of, locations of, and other individuals attending meetings conducted in the course of the informal procedure described above
- Reason(s) why the result of the informal procedure described above is unsatisfactory to the student
- The student's name and contact information

The individual to whom such submission is directed will be required to ensure that any such submission be reviewed and that a decision with respect to such submission be rendered as promptly as practical and made available to the student in question. The student will be required to cooperate with all reasonable requests of such an individual should additional information or meetings with the student or other appropriate individuals become necessary in the course of this review.

If after the taking of all of the above steps the student remains dissatisfied with the resolution of the student's grievance, the student has available to him/her the resources of the applicable external organizations and agencies to which further pursuit may be addressed. Contact information for all such entities is available in the Accreditation and Approvals section of the Catalog and varies depending on the specific physical or online campus location of the University attended by the student.

Students are referred to their Enrollment Agreement for information regarding Arbitration through the American Arbitration Association. The complete Arbitration Agreement also may be found in the University Policies section of the Catalog.

The Virginia State Approving Agency (SAA) is the approving authority of education and training programs for Virginia. Our office investigates complaints of GI Bill® beneficiaries. While most complaints should initially follow the school grievance policy, if the situation cannot be resolved at the school, the beneficiary should contact our office via email saa@dvs.virginia.gov.

University Policies

# Student Records

Records of student progress are maintained that include grades, previous education and training, awards, courses attempted, and attendance. Grade reports are provided upon request.

University Policies

# Student Responsibilities

ECPI students are considered to be responsible adults and are expected to maintain the standards of conduct appropriate to an academic and business environment. It is the student's responsibility to:

- Conform with ECPI policy, procedures, and regulations;
- Maintain security and academic integrity;
- Maintain academic progress and satisfactory attendance;

- Submit course work on time; and
- Pay tuition as scheduled.

University Policies

# Student Rights

- Students in good academic standing have access to all instructional facilities and services, including classes, laboratories, library, tutoring, advising, etc.
- Students have the right to inquire about, and to propose, improvements in policies, regulations and procedures affecting the welfare of students through student surveys, MyECPI, campus clubs and organizations, and University offices.
- The Family Educational Rights and Privacy Act of 1974 provides safeguards regarding the confidentiality of, and access to, student records, and this Act will be adhered to by the University. See the heading Family Educational Rights and Privacy Act (FERPA) for more detailed information.
- Students may appeal results of tests, examinations, or other grades by the end of the add/drop period of the subsequent term.
- ECPI decisions affecting a student may be appealed by requesting a review board hearing.
- Students may record class lectures only with the approval of the faculty member assigned to the course. Students agree that recordings are made strictly for academic (course-related) purposes and are for personal use only. Recordings are not to be distributed. Students do not have permission to retain recordings beyond the end of the term unless they have obtained written permission.

University Policies

# Students with Disabilities Policy and Procedures

ECPI University does not discriminate against qualified individuals with disabilities in admission or in access to our programs, services, and activities, in accordance with our obligations under Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990, and the ADA Amendments Act of 2008.

## Admission of Students with Disabilities

The University will make admission decisions using criteria which do not consider an individual's disability, but rather, the student's individual qualifications, to meet the essential elements of the program, service, or activity being offered, assuming the incorporation or use of the appropriate academic adjustments/ auxiliary aids and services, if necessary. Students with disabilities desiring to enroll in any program, service, or activity of ECPI University must be able to meet the minimal standards of the University and of the particular program, service, or activity to which admission is sought.

## Definitions

A person with a disability is someone who has a physical or mental impairment that substantially limits one or more major life activities, including, but not limited to, caring for one's self, performing manual tasks, learning, walking, seeing, hearing, breathing, and working; has a record of such an impairment; or is regarded as having such an impairment. Although disclosure of a disability may not be necessary or appropriate for some persons, those who seek academic adjustments/auxiliary aids and services from ECPI University must follow the procedure outlined below.

## Procedure for Requesting Academic Adjustments/Auxiliary Aids and Services

Students requesting academic adjustments/auxiliary aids and services must take the initiative to seek assistance, comply with deadlines and agreements, and participate in the following procedure:

1. ***Contact the Campus President or Approved Academic Designee***. ECPI University students requesting academic adjustments/auxiliary aids and services should contact their Campus President or Approved Academic Designee. The Campus President or Approved Academic Designee will meet with the student to discuss the student’s disability, the impact and functional limitations of the disability in the academic setting, and the proposed academic adjustments/ auxiliary aids and services.
2. ***Provide Medical or Other Diagnostic Documentation***. The student will provide acceptable medical or other diagnostic documentation that supports the request for academic adjustments/auxiliary aids and services. Acceptable documentation includes a report from a qualified professional explaining the disability and diagnosis, the impact, or functional limitations in an academic setting, suggested academic adjustments/auxiliary aids and services, and the expected duration of the disability and requested academic adjustments/auxiliary aids and services. The documentation provided should be current (e.g., within 3 years of the students’ enrollment in the University), on medical practice letterhead, and signed by your medical provider. Individual Education Plans (IEPs) and 504 Plans generally do not contain sufficient information.

In all cases, the University may request additional diagnostic information and assessment when, in its opinion, such additional information is needed to document the existence of a disability or the need for academic adjustments/auxiliary aids and services in the educational or clinical settings of ECPI University.

## Review of the Academic Adjustments/Auxiliary Aids and Services Request

All requests for academic adjustments/auxiliary aids and services (e.g. extra time and/or separate room for exams, etc.) are evaluated on a case-by-case basis, using an interactive process. This evaluation includes the review of medical or other diagnostic documentation and a determination of the reasonableness of the academic adjustments/auxiliary aids and services. Medical or other diagnostic documentation provided by the student is kept confidential and is released to a third party only with the student's written permission or as required by law. General information about a student's disability and academic adjustments/auxiliary aids and services may, however, be shared with other ECPI University administrators or third parties with a legitimate need to know (e.g. clinical sites, externship sites, etc.) The student's disabilities file is maintained by the Campus President and is held separately from the student's official academic record.

Students with disabilities may request academic adjustments/auxiliary aids and services at any time; however, the Campus President or Approved Academic Designee must have time to review and approve the request (generally 2-3 weeks) although some requests for academic adjustments/auxiliary aids and services take more time to review than others. Therefore, students requesting academic adjustments/auxiliary aids and services requests are encouraged to contact their Campus President or Approved Academic Designee as soon as possible after they have enrolled with the University. Academic adjustments/auxiliary aids and services will not be made on a retroactive basis.

Because practical training in many of our programs may take place in a variety of settings – classroom to clinical – academic adjustments/auxiliary aids and services granted on admission may not be appropriate for all settings; the Campus President or Approved Academic Designee, in collaboration with other University administrators with a legitimate need to know, may review with the student, as needed, academic adjustments/auxiliary aids and services for each class or setting as the student progresses through the curriculum to avoid compromising or fundamentally altering the essential components of a particular course or program.

Although a student's academic adjustments/auxiliary aids and services histories are important, other factors are considered as well in determining what, if any, academic adjustments/auxiliary aids and services are appropriate now at ECPI University. The receipt of particular academic adjustments/auxiliary aids and services in a previous setting does not automatically mean that identical academic adjustments/auxiliary aids and services will be provided here.

The Campus President or Approved Academic Designee has the responsibility to review each student's documentation conscientiously and diligently in carefully considering the student's request for academic adjustments/auxiliary aids and services. When the Campus President or Approved Academic Designee has completed the evaluation and has determined that the student's disability has a current functional impact on his or her academic work or ability to participate in ECPI University's programs, the Campus President or Approved Academic Designee will work the student to determine what academic adjustments/auxiliary aids and services are reasonable and appropriate.

Academic adjustments/auxiliary aids and services initially recommended for a student may be modified as directed by a change in the student's needs or the nature of course requirements. It is the student's responsibility to request the modification and to provide support for said change.

### Implementation of Academic Adjustments/Auxiliary Aids and Services Request

The student will be provided with a Faculty Notification Form from the Campus President or Approved Academic Designee at the conclusion of the review/verification process. The student, CDAA, and Campus President will sign the Faculty Notification Form, acknowledging the academic adjustments/auxiliary aids and services that have been approved. The student must provide the Faculty Notification Form to faculty members **at the beginning of each term to receive academic adjustments/auxiliary aids and services**. Students who have an approved Faculty Notification Letter that allows for recording lectures are required to notify the faculty member prior to each recording. Students agree that recordings are made strictly for academic (course-related) purposes and personal use only. Students do not have permission to retain recordings beyond the end of the term unless they have obtained written permission. A copy of the Faculty Notification Form will be retained in the student's disabilities file.

### Appeal

In the event that there is a disagreement between the student and the University regarding the outcome of the Campus President or Approved Academic Designee evaluation (including whether the student is a qualified individual with a disability, the adequacy of the student's documentation regarding the student's disability, and decisions regarding academic adjustments/auxiliary aids and services), the student can file an appeal with the University's Equal Opportunity Officer and Title IX/504Coordinator:

Shanna Campise

Director Student Support Services

(757) 994-1054

scampise@ecpi.edu

University Policies

## Study Abroad

The Study Abroad option is periodically available to students enrolled in degree programs. Three weeks of the term are spent in the classroom and up to two weeks are spent abroad. The Study Abroad option is administered through the Virginia Beach campus and requires additional fees.

University Policies

## Termination Policy

ECPI reserves the right to terminate a student's enrollment on the following grounds:

- Nonconformity with ECPI policy and regulations;
- Unsatisfactory academic progress;
- Failing grade on foundational mathematics or English/writing courses;
- Unsatisfactory attendance;
- Failure to submit course work as scheduled;
- Nonpayment of tuition;
- Security violations;
- Academic integrity violations;

- Possession or use on campus of any firearm or other dangerous weapon or incendiary device or explosive unless such possession or use has been authorized by the University;
- Conduct damaging to the facilities; or
- Disruption of academic processes.

Disruption of academic processes includes wrongly taking credit for work or possessing unauthorized materials during tests or examinations.

University Policies

## Visitors to the Classroom and Campus

All visitors must register with the campus receptionist upon arrival. ECPI does not permit unauthorized visitors to any classrooms and the campus.

University Policies

## Workplace Hazards Policy

ECPI complies with the regulations of the Occupational Safety and Health Administration (OSHA). This policy is to inform students of the potential hazardous chemicals and the location of Material Safety Data Sheets (MSDS) in the medical programs in an effort to comply with the regulations of OSHA.

A written Hazardous Communication Plan is located in the medical lab. The manual includes:

- A list of known hazardous chemicals located within the medical department
- The material safety data sheets (MSDS) for the known chemicals
- Standard operating procedures for handling hazardous chemicals

# Communications and Computing Policies



In today's digital learning environment, effective communication and responsible use of technology are essential to creating a productive, respectful, and inclusive academic community. This policy outlines the institution’s expectations regarding the use of computers, electronic devices, and personal devices, both on campus and during remote learning. Our goal is to ensure that all students, faculty, and staff use technology in ways that support academic integrity, protect privacy, and foster a professional atmosphere conducive to learning and growth. By adhering to these guidelines, we promote a secure, efficient, and collaborative educational environment.

# Student Electronic Communications Policy

ECPI University (the “University”) is a user of many communications and information technologies. These technologies, when properly used, support educational activities and enable closer and timelier communications within the University and with employers. There is a continuing evolution of associated laws and conventions governing acceptable use of electronic communication tools and careless use can have dramatic consequences, harming the University, our students, employers, and employees. The policies outlined below are intended to minimize the likelihood of such harm by educating our students.

These policies address the appropriate use of electronic communications tools at the University. These tools include the following:

- University-supplied software
- Email accounts
- University-supplied fax machines, modems, and servers
- University-supplied computers
- University-supplied network tools (such as browsers and Internet access facilities)

## Consequences of Violating Policies

Misuse of any University communications tool or violation of these policies may result in disciplinary action up to and including suspension and dismissal from the University.

# Questions/Changes to Policies

Questions regarding these policies may be directed to the Vice President for Academic Affairs or the University President. The University intends generally to observe these policies but also reserves the right to change them at any time without prior notice. The University will make reasonable efforts to provide notice of such changes.

**Navigate the additional Communication and Computing Policies using the menu to the left.**

Back to University Policies

Communications and Computing Policies

# Access and Acceptable Use

Access to University communications tools is provided in conjunction with the University's academics and the student's responsibilities. Use of these tools is subject to this policy and to other University policies and procedures. University communication tools may be made available to individuals who are not University students (e.g., visitors). Use of these tools by such persons is subject to this policy and to applicable agreement(s). Communication tools and all messages produced, stored, or carried by such tools are University properties and are subject to reasonable University inspection.

## Acceptable Use

In the course of the student's academic study, each student may use communications tools to communicate internally with University faculty, staff, or students or externally with students, employers, and other business acquaintances. The University provides these electronic communications tools to facilitate educational communications and to enhance the learning experience. While these resources are primarily used in academics, there may be occasion to use these facilities for personal purposes. Personal use is permitted so long as it does not interfere with the academic process, consume significant resources, interfere with the activities of other students or faculty, or violate these policies. Under no circumstances shall such facilities be used for personal financial gain, or to solicit others for activities unrelated to the University's academics, or in connection with political campaigns or lobbying. The Campus President may make available or otherwise authorize special-purpose bulletin boards and web pages in connection with University-approved social events, sporting events, and other sanctioned activities. When making use of these University-provided facilities for personal use, always remember that there is a very limited expectation of privacy (see discussion in 3 below).

In addition to other restrictions and conditions discussed here, ECPI communications tools may not be used for any of the following:

- To carry any defamatory, discriminatory, or obscene material;
- In connection with any infringement of another person's intellectual property rights (e.g., copyrights and trademarks);
- In a manner that violates the terms of any applicable telecommunications license or any laws governing trans-border data flow (e.g., laws dealing with data collection, protection, privacy, confidentiality, and security);
- In connection with any attempt to penetrate computer or network security of any University, company, or other system, or to gain unauthorized access (or attempted access) to any other person's computer, email, or voicemail accounts or equipment; or
- In connection with the violation or attempted violation of any other law.

The University understands that web "surfing" may be academic-related and serve a legitimate academic function, but the potential for abuse exists. The Internet provides access to a huge amount of information and resources that can greatly enhance our ability to deliver services efficiently to our students. Today there is no single, comprehensive directory of resources available for the Internet and users sometimes must "navigate" through much unneeded information to reach useful material.

The University encourages exploration of the Internet for legitimate academic-related or professional activities, but students may not "browse the web" during class (unless authorized), create personal "Home Pages," or otherwise use University facilities to access Internet sites for reasons unrelated to the University's academic requirements.

## Representing the University in Personal Postings

The information you publish electronically (sometimes called a "Posting") reflects on the University in general. Despite all disclaimers that a student may make (e.g., that the views are personal and do not reflect those of the University) readers elsewhere will make the association between these personal postings and the University. The student should know that true anonymity is very difficult to obtain when using these tools. While Internet relay chat ("IRC"), newsgroup visits, and net surfing sometimes appears to be done anonymously (e.g., by employing pseudonyms), accessing such services/servers through the University's network facilities normally leaves an audit trail indicating at least the identity of the University proxy server (and may leave a trail pointing directly to the student). Inappropriate use of University facilities may damage the University's reputation and could give rise to University and individual student liabilities. Accordingly, each student should make every effort to be professional in all usage of University communications tools.

Because readers may interpret personal postings to newsgroups as an official statement of the University, posting any article in a newsgroup related to the University's academics is strictly prohibited unless approved in advance by the Campus President.

## Unacceptable Content

Although the University does not regularly monitor email or electronic messages, please be aware that even personal email messages may be viewed publicly or by University administration without further notice. Under no circumstances may any posting, voicemail, or email originating at the University be in violation of the letter or the spirit of the University's Equal Employment Opportunity or Student Non-Harassment policies.

Examples of unacceptable content include:

- Sexually explicit messages, images, cartoons, or jokes;
- Propositions, requests for dates, or love letters;
- Profanity, obscenity, slander, or libel;

- Ethnic, religious, or racial slurs;
- Political beliefs or commentary; or
- Any other message that could be construed as harassment or disparagement of others based on their sex, race, sexual orientation, age, national origin, disability, or religious or political beliefs.

Everyone should be aware that sexual harassment includes unwelcome sexual advances, unwelcome requests for sexual favors, or other unwelcome conduct (including comments) of a sexual nature. The standard for sexual harassment is whether the recipient could reasonably consider the message to be offensive—the sender's intentions are irrelevant.

In addition to prohibitions on sending or uploading offensive materials, University communications tools (email, browsers, newsreaders, etc.) also shall not be used to access or download obscene materials or other content that may be illegal under local law.

Back to University Policies

Communications and Computing Policies

# Computing Equipment and Software

The use of personal laptop computers, tablets, and other note-taking devices are acceptable during class. The instructor may, however, require laptop computers or tablets to be turned off at certain times.

Computer users are expected to maintain standards of academic ethics. Users are not to access the private files of others. Using another student's user ID, password, program, or application constitutes invasion of privacy and may be considered grounds for enrollment termination.

University computers and equipment are to be used only for ECPI applications related to education. Access to computers and equipment must be approved by appropriate academic personnel. Only ECPI personnel are authorized to install programs on the computers. Students are prohibited from installing or using an unauthorized program on ECPI computers. No personal software is permitted on any ECPI computer. In addition, personal laptop computers and other personal communication devices may not be connected to the ECPI wired network unless authorized by the Information Technology Department.

## University Access to Computers, Voicemail, and Email Systems

University administration may routinely examine students' communications or files. Such examination generally may be expected to occur in the following circumstances, which are not intended to be all-inclusive:

- Ensuring that University systems are not being used to transmit discriminatory or offensive messages, or in connection with the infringement or violation of any other person's rights;
- Determining the presence of illegal material or unlicensed software;
- Counteracting theft or espionage;
- Ensuring that communications tools are not being used for inappropriate purposes;
- Responding to legal proceedings that call for producing electronically stored evidence;
- Locating, accessing, and retrieving information in a student's absence; and
- Investigating indications of impropriety.

## Software Programs

It is the policy of the University that only properly acquired and licensed software be used on the University's computer equipment. No employee or student shall install or load software on any computer at the University without the express authorization of the Campus President. When a software package has been installed on a hard drive or other memory device of the University's computer hardware, the original CD or any copy may not be used on any other hardware equipment unless specifically authorized by the Campus President.

Copying of software is not allowed unless such copying is authorized by the software license agreement and permission to make the copies is received from the Campus President.

Employees and students are to use software and documentation only as authorized by the applicable license agreement. Unauthorized use, copying, or removal of computers, software, or documentation is prohibited, and violations of these policies may result in disciplinary action, including dismissal.

### *Software Protection*

ECPI generally obtains the right to use computer programs written or distributed by third parties pursuant to license agreements with the vendors, who retain ownership of the programs. These agreements usually prohibit copying of the licensed material, with very limited exception. Software programs are usually restricted to use on only one machine at a time. If the University wishes to use a program on more than one piece of equipment concurrently, it typically must pay additional fees to obtain additional licenses. The same requirements generally apply to manuals and other printed materials that accompany such software.

Computer programs and related printed materials also are afforded copyright protection under Federal law. The Federal Copyright Act specifically prohibits copying or distributing software without the owners' prior consent (except copying for archival purposes).

### *Unauthorized Use*

Unauthorized duplication, distribution, or disclosure of software or its accompanying printed materials can be both a violation of the applicable license agreement and a violation of Federal law. Individual employees and students, as well as the University, can be held liable for violations and be required to pay substantial damages. It is the responsibility of each employee and student to respect the intellectual property rights of the owners of the software programs used by the University and to ensure that no breaches or violations of the University's software control procedures occur.

Back to University Policies

Communications and Computing Policies

## Electronic Forgery

Electronic forgery is defined as misrepresenting the student's identity in any way while using electronic communications systems (e.g., by using another's email account without permission, by so-called IP spoofing, or by modifying another's messages without permission). For example, messages written by others should be forwarded as-is and with no changes, except to the extent that the student clearly indicate where you have edited the original message (for example, by using brackets [ ] or by using other characters * to flag edited text).

Electronic forgery is not allowed for any purpose. For email messages, the student may not take any action to misrepresent the identity of the person responsible for the message. A student may send email messages using another person's account, but only with prior express approval from the account owner, and only when the text of the message indicates that the author is different than the email account holder.

For newsgroup postings, you may not misrepresent the identity of the sender, but you may (as may sometimes be appropriate) make postings on an anonymous basis. Keep in mind that true anonymity may be quite hard to obtain, and that most such attempts at least leave an audit trail that identifies the University as the source of the posting.

Back to University Policies

Communications and Computing Policies

## Encryption

Only authorized encryption tools (software and hardware) may be used in connection with any University communications tools. Except with the prior written consent of the appropriate IT manager, all such tools must implement key-recovery or key-escrow techniques to permit the University to access and recover all encrypted information.

Remember that possession and use of encryption tools may be subject to complex laws or outright prohibitions in certain localities. Also, the export and import of computers carrying such tools may be subject to local regulation.

Back to University Policies

Communications and Computing Policies

## Intellectual Property

The Internet offers a universe of information, useful in conducting and furthering business operations. The student must always respect copyrights and trademarks of third parties and their ownership claims in images, text, video, and audio material, software, information, and inventions. Do not copy, use, or transfer others' materials without appropriate authorization. Be aware that downloaded software and other copyrighted material may be subject to licensing obligations or restrictions. In cases where it is possible that the software might be used by University administration or faculty in curriculum or service development or might be incorporated into final curriculum or services, it is critical that these licensing obligations be understood and strictly observed. Even when software is labeled freeware or shareware, there may be licensing restrictions that prohibit or limit the usage or commercialization of such items. Any questions may be directed to the Campus President.

Back to University Policies

Communications and Computing Policies

## Limits of Privacy

The University respects the personal privacy of its students. However, because communications tools are provided for the University's academic purposes, student rights of privacy in this context are quite limited. Students and others should have no expectation that any information transmitted over University facilities or stored on University-owned computers is or will remain private. These systems are owned and/or controlled by the University and are accessible at all times by the University for maintenance, upgrades, or any other business or legal purposes. Students who use University communications tools should be aware that our firewall (and other security tools) creates an audit log detailing every request for access in either direction by each user. Also, in the course of their duties, system operators and managers may monitor student use of the Internet or review the contents of stored or transmitted data.

The University permits personal use of all these communication tools on the express understanding that it reserves the right (for its business purposes or as may be required by law) to review student use of, and to inspect all material created by or stored on, these communications tools. Use of these tools constitutes each student's permission for the University to monitor communications and to access files that are made on or with these communications tools.

Back to University Policies

Communications and Computing Policies

## Personal Portable Electronic Devices

*To maintain a respectful and inclusive campus environment, students are expected to use personal devices (cell phones, laptops, tablets, etc.) responsibly. While personal devices are allowed on campus, the following guidelines must be observed.*

**Classrooms, Libraries, and Study Areas**

Personal devices should be kept on silent or vibrate mode and only used for academic purposes or with prior instructor approval. However, during test-taking situations, cell phones and other electronic devices must be turned off to minimize disruptions and protect the integrity of the exam.

Exceptions to this policy will be made for faculty-initiated technology and for emergency personnel who are on call, such as police, fire, EMS. These emergency personnel must notify their faculty member of their need for such devices at the beginning of the term and provide documentation verifying their occupation. In the event that a student is emergency personnel and is on-call during the test, leaves the classroom and returns to the classroom, the student may not complete the examination. In these cases, the faculty member will make arrangements for re-testing.

**Restrooms and Private Spaces**

Out of respect for others' privacy, taking photos, videos, or making calls on a personal device is strictly prohibited in restrooms, changing rooms, and other private spaces.

**Public Areas**

In public areas such as hallways, cafeterias, and lounges, please be mindful of those around you. Use headphones when listening to audio and avoid loud or disruptive conversations.

*According to ECPI University's Student Conduct Policy, failure to comply with these policies may result in disciplinary action up to and including withdrawal/termination.*

Back to University Policies

Communications and Computing Policies

## Retention and Security of Messages

Email and voicemail messages and computer-stored items are all University property and business records and may have legal and operational effects identical to that of traditional, hard-copy documents. Accordingly, all email messages should be treated as though they may later be viewed by others. While confidential information may be contained in such messages, they should be created with the same care that would be used in creating hardcopy documents.

Remember that no electronic communications facility is completely secure. This means that information stored on or carried over University communications tools may be the subject of accidental or intentional interception, misdelivery, attack, or authorized University review.

When stored on computers, email messages and other files typically are subject to routine backup procedures. This means that copies of these files may be retained for long periods, in accordance with backup recycling and document retention procedures. Also, many site-wide backup systems do not guarantee privacy of backup copies (e.g., system administrators may have access).

Back to University Policies

Communications and Computing Policies

## Transmitting Confidential Information

Confidential information (whether owned by the University, its students, its vendors, or other persons) is not to be disclosed to unauthorized persons without prior authorization. The question of authorization will be a function of the type and ownership of the confidential information (e.g., different authority may be required for disclosure of University-owned information than for student-owned information). Also, authorization for disclosure may be limited to certain specific individuals within the University (e.g., on a need-to-know basis).

In some cases, posting or emailing confidential information that relates to new curriculum, teaching methods, research, or University services can constitute a "publication" and prevent the University from applying for approvals or later treating the information as "proprietary." These consequences can follow even from postings or distributions that are not to the general public.

Generally, absent encryption or other security measures, confidential information should not be contained in email sent to outsiders or posted to newsgroups, and should not be placed on University communications tools that are available to third parties.

Back to University Policies

# Student Conduct Policies

**Navigate the Student Conduct Policies using the menu to the left, or or choose from the following additional policy categories below:**


- Academics Policies
- Admissions Policies
- Financial Aid Policies
- University Policies

ECPI University encourages professionalism and responsible conduct among students to foster a positive learning environment. To address any issues, the university follows a progressive discipline approach, which typically includes a verbal warning, a written warning, and, if necessary, dismissal. However, based on the specific circumstances—such as the student's overall history, the severity of the behavior, safety concerns, and the details of the incident—ECPI University reserves the right to modify or bypass the progressive discipline process. Disciplinary action may be taken against a student for the following behaviors, as well as for other actions not specifically listed here:

- Acts of dishonesty, including but not limited to cheating on quizzes, tests, papers, hands-on homework documentation, or other assignments; or plagiarism. See the Honor Code and Plagiarism Policy.
- Fraudulent activities including but not limited to willful misrepresentation by a student concerning qualification for admission, continuing eligibility as a student, eligibility for financial aid, current enrollment information, status, or position at ECPI.
- Forgery, alteration, or misuse of school documents, records, or identification. See the Communications and Computing Policies.
- The unlawful possession, use, or distribution of illicit or prescription drugs on campus. See Drug-Free Workplace and Campus.
- Possession, use, intoxication, or being under the influence of alcohol while on campus. See Drug-Free Workplace and Campus.
- Possession of firearms or other weapons on campus. See Campus Security.
- Gambling on campus.
- Any act or threat of physical assault or intimidation directed toward any member of the school community or any other individual on campus. See Non-Discrimination Policy and Sexual Harassment and Sexual Misconduct Policy.
- Sexual harassment or hazing as described in the Non-Discrimination Policy and Anti-Hazing Policy.
- Theft or attempted theft of ECPI property, or any theft on campus.
- The defacing or destruction of ECPI property.
- Use of indecent, illegal, disruptive language and/or actions.
- Insubordination in carrying out instructions of faculty or staff.
- Any refusal to abide with or violation of federal, state, or local regulations.
- Smoking in unauthorized areas. See Smoking on Campus.
- Continued violation of the ECPI dress code. See Dress and Appearance.
- Furnishing false information to/for or against any student, faculty member, or ECPI employee.

· Students are expected to use personal devices (cell phones, laptops, tablets, etc.) responsibly. See Personal Portable Electronic Devices.

· The practice of hazing at ECPI to any degree or any form, is strictly prohibited. See Anti-Hazing Policy.

Back to University Policies or Academics Policies

Student Conduct Policies

## Anti-Hazing Policy

See Anti-Hazing Policy which is found within University Policies.

Student Conduct Policies

## Attendance

See ECPI's Attendance policies, which are found within Academic Policies.

Student Conduct Policies

## Children on Campus

ECPI does not provide childcare for the children of students or visitors. Children under the age of 18 are not permitted in any ECPI classrooms. In addition, children are not permitted to be in the student lounge, laboratories, or the library, and children may not use any University computer equipment. Children should not be left unattended on campus, in campus parking areas, or in automobiles at any time.

Student Conduct Policies

## Communications and Computing Policies

See Communications and Computing Policies which can be found within University Policies.

Student Conduct Policies

## Dress and Appearance

ECPI encourages students to acquire a wardrobe suitable for their employment objectives. A student’s dress and appearance shall be appropriate at all times and respectful of other students, faculty, and staff.

The University wants students to feel comfortably dressed while attending classes, yet their attire must be appropriate for a professional environment.

Students pursuing an education in the College of Health Science and the College of Culinary Arts will adhere to a specific dress code as prescribed by the individual program.

University expectations will not conflict with applicable federal or local statutes, including those prohibiting discrimination based on national origins or religious belief.

### *Professional Dress Day*



Although expected professional dress varies by field, students should dress professionally when engaging in job search activities such as interviewing, networking, externships, or professional events including career fairs.

Each campus of ECPI University has a designated Professional Dress Day. By focusing on personal appearance, the required professional dress days will help students learn what constitutes professional dress attire and become more comfortable in professional dress attire.

Student Conduct Policies

## Drug-Free Workplace and Campus

See Drug-Free Workplace and Campus which can be found within University Policies.

Student Conduct Policies

## Eating and Drinking in Classrooms

Food and drinks, other than water, are not permitted in computer rooms, labs, library, classrooms, or any other area not specifically designated for this purpose or approved by the Campus President. Water, in appropriate containers, may be consumed in classrooms and labs as posted.

Student Conduct Policies

## Honor Code

See Honor Code which can be found within Academic Policies.

Student Conduct Policies

## Late Assignments

See Late Assignments which can be found within Academic Policies.

Student Conduct Policies

## Non-Discrimination Policy

See Non-Discrimination Policy which can be found within University Policies.

Student Conduct Policies

## Plagiarism Policy

See Plagiarism Policy which can be found within Academic Policies.

Student Conduct Policies

## Sexual Harassment and Sexual Misconduct

See Sexual Harassment and Sexual Misconduct Policy which can be found within University Policies.

Student Conduct Policies

# Smoking on Campus

ECPI University is committed to providing a healthy, comfortable, and productive work environment for faculty, staff and students. All ECPI facilities are smoke-free. Students will refrain from smoking (this includes e-cigs and vapor) while on the University property, which includes the buildings, grounds, walkways, and parking lots, unless a designated smoking area for students has been identified. It is the student's responsibility to know where s/he can smoke, if at all, on the local campus. Please see the front office or the Student Window for more information.

# All Programs

# Baking & Pastry Arts (AAS)

## Overview

### College
College of Culinary Arts

### Program CIP Code
12.0501

Baking and pastry skills are considered an area of specialty within the field of culinary arts. A variety of food service employers, including bakeshops, grocery stores, restaurants, hotels/resorts, and contract dining facilities, employ individuals with the sole purpose of preparing baked goods on-site. Additionally, baking positions are available in manufacturing facilities which produce breads and pastries in large quantities for distribution. The graduate of the program may work in a variety of positions from entry level to lead baker or pastry chef. The industry grants exceptional opportunities for advancement with favor given to those individuals with exemplary work ethic and experience. At present, there is an industry need for skilled and work-place ready bakers.  Students in the Associate of Applied Science in Baking and Pastry Arts program will be taught skills in:

- Foundational methods and techniques used throughout the baking and pastry industry
- Ensuring a safe and sanitary bake shop
- Baking and pastry recipe development and execution for various production levels
- Alternative baking techniques to accommodate specialty diets and allergies

## About Baking and Pastry Arts

A career in the Baking and Pastry Arts allows you to use your creative, intellectual, and leadership skills in creating, preparing, and serving food that your customers will enjoy. Demand is high for qualified baking personnel and can be global- there are no geographic boundaries. In addition to designing and preparing fine baked goods, bakers may be responsible for managing staff, budgeting, setting menu prices, forecasting production quantities, ordering product, and maintaining a safe, clean kitchen area. Depending on the student's work ethic, experience, and dependability, the graduate may work as an entry level or lead baker or pastry chef with exceptional opportunity for advancement.

Working in a baking position is physically very demanding. Long periods of standing, lifting heavy objects and long periods between breaks are not uncommon in the industry. Hepatitis A vaccination may be required.

Background checks, drug screening and/or security clearances may be requirements for employment depending on the food service outlet.

## Recommended Certifications

Students may obtain the National Restaurant Association Educational Foundation (NRAEF) ServSafe Food Protection Manager and ServSafe Alcohol certifications as a result of their studies.

## Outcomes

The objective of the Baking and Pastry Arts Degree program is to educate and train prospective bakers with the knowledge, skills and abilities necessary to compete for employment in the baking and pastry field. Upon successful completion of this degree program graduates will be able to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
AASBPA.05.0

### Active?
Yes

### Effective Start Date
Jan 1, 1999

### Outcome Statement
Practice continuous improvement in the Baking and Pastry Arts.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASBPA.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Communicate effectively to various audiences.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASBPA.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply sound judgment and ethical practices in the professional baking and pastry environment.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASBPA.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ServSafe standards to ensure a safe and secure bakeshop.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASBPA.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply learned baking and pastry technical and analytical skills.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASBPA.06.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Collaborate effectively with team members to achieve success.

For additional information about the program link to: http://www.ecpi.edu/culinary/program/baking-and-pastry-arts-diploma/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Associate of Applied Science in Baking and Pastry Arts, students must earn 60 semester credit hours. The program requires a minimum of four semesters, 15 months or 60 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

42 semester credit hours

**Fulfill ALL of the following requirements:**

**Complete ALL of the following Courses:**

- BPA110 - Principles of Baking and Pastry Arts
- BPA120 - Basic Cakes and Tarts
- BPA130 - Artisan Breads and Viennoiserie
- BPA228 - Retail Baking
- BPA235 - Advanced Pastry Design
- BPA245 - Alternative Baking
- BPA265 - Petit Fours
- BPA275 - Baking and Pastry Capstone
- CAA101 - Culinary Skills
- CAA111 - Culinary Techniques
- CAA115 - Kitchen Essentials
- CAA201 - Banquet and Buffet Service
- CAA255 - Procurement and Food Service Cost Control
- CAA260 - Culinary Nutrition
- CAA270 - Supervision for Food Service
- CAA280 - Externship-CUL I-a
- CAA285 - Externship-CUL I-b

**AND**

**Complete ANY of the following Courses:**

- CAA130 - Pantry Kitchen
- CAA145 - Retail Production

**Arts and Sciences Requirements**

### Type
Completion Requirement

Arts and Sciences Courses*

15 semester credit hours

**Complete ALL of the following Courses:**

- COM115 - Principles of Communication
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH120 - College Mathematics
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

3 semester credit hours

**Complete ALL of the following Courses:**

- CAA100 - Essentials for Success

The Associate of Applied Science Baking and Pastry Arts program has the following program requirements.

## Locations

Norfolk, VA (Culinary Institute of Virginia), Richmond, VA (Glen Allen)

# Culinary Arts (AAS)

## Overview

### College
College of Culinary Arts

### Program CIP Code
12.0503

The School of Culinary Arts, Culinary Institute of Virginia, educational program prepares students for success in the competitive field of food service. The program prepares students for entry level positions in the food service industry. Emphasis is placed on the development of professional culinary skills, through standards-based, hands-on training. In the Associate of Applied Science in Culinary Arts degree, students will be taught skills in:

- Foundational methods and techniques used throughout the foodservice industry.
- Culinary and baking recipe development and execution.
- Ensuring a safe and sanitary kitchen.
- Applying purchasing, nutrition and supervision concepts in the foodservice environment.

The AAS Culinary Arts degree program at the Norfolk Campus of the Culinary Institute of Virginia of ECPI University is accredited by the American Culinary Federation Education Foundation (ACFEF). ACFEF requires assessment outcomes data to be available for all accredited programs, which can be found by clicking here.

## About Culinary Arts

A career in the Culinary Arts allows you to use your creative skills in creating, preparing, and serving food that your customers will enjoy. Demand for qualified foodservice personnel can be global, there are no geographic boundaries. Culinarians plan and cook menus combining flavor profiles in ways that make memorable meals while maintaining a safe, clean kitchen area. Depending on the student's work ethic, experience, and dependability, the graduate may work as a cook, pantry cook, banquet cook, line cook, or sous chef, with exceptional opportunity for advancement.

Working in a food service position is physically very demanding. Long periods of standing, lifting heavy objects and long periods between breaks are not uncommon in the industry. Hepatitis A vaccination may be required.

Background checks, drug screening and/or security clearances may be requirements for employment depending on the food service outlet.

## Recommended Certifications

Students may obtain the National Restaurant Association Educational Foundation (NRAEF) ServSafe Food Protection Manager and ServeSafe Alcohol certifications as a result of their studies. The Culinary Institute of Virginia is accredited by the American Culinary Federation. Upon successful completion of the program, students are eligible to apply for initial certification of Certified Culinarian.

## Outcomes

The objective of the Associate of Applied Science in Culinary Arts program is to educate and train prospective culinarians with the knowledge, skills, and abilities necessary to compete for employment in the Culinary Arts field. Students will be able to demonstrate the attributes of a good cook including stamina, dexterity, hand-eye coordination, timing, and the ability to work well with others. Students learn restaurant management skills and proper ways to serve food to restaurant patrons. In order to manage the food preparation environment and collaborate with other food service professionals, each student will develop their oral and written communication skills. Upon successful completion of this degree program, graduates will be able to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
AASCA.06.0

### Active?
Yes

### Effective Start Date
Jan 1, 1999

### Outcome Statement
Collaborate effectively with team members to achieve success.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASCA.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Communicate effectively to various audiences.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASCA.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Practice continuous improvement in the Culinary Arts.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASCA.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply technical and analytical skills as they relate to foodservice.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASCA.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply sound judgment and ethical practices in the culinary environment.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASCA.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ServSafe standards to ensure a safe and secure foodservice outlet.

For additional information about the program link to: http://www.ecpi.edu/culinary/program/culinary-arts-associate-degree/. To see the Student Consumer Information link to:https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Associate of Applied Science in Culinary Arts, the student must earn 60 semester credit hours. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

42 semester credit hours

**Fulfill ALL of the following requirements:**

**Complete ALL of the following Courses:**

- CAA101 - Culinary Skills
- CAA111 - Culinary Techniques
- CAA115 - Kitchen Essentials
- CAA117 - Basics of Dining Service
- CAA121 - Culinary Fundamentals
- CAA140 - Introduction to a La Carte
- CAA150 - Baking and Pastry Fundamentals
- CAA200 - Meat Selection and Utilization
- CAA207 - Advanced Dining Room
- CAA210 - Garde Manger
- CAA216 - A La Carte
- CAA230 - Advanced Baking and Pastry Arts
- CAA240 - International Cuisine
- CAA255 - Procurement and Food Service Cost Control
- CAA260 - Culinary Nutrition
- CAA270 - Supervision for Food Service
- CAA280 - Externship-CUL I-a
- CAA285 - Externship-CUL I-b

**AND**

**Complete ANY of the following Courses:**

- CAA130 - Pantry Kitchen

- CAA145 - Retail Production

**Arts and Sciences Requirements**

### Type
Completion Requirement

Arts and Sciences Courses*

15 semester credit hours

**Complete ALL of the following Courses:**

- COM115 - Principles of Communication
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH120 - College Mathematics
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

3 semester credit hours

**Complete ALL of the following Courses:**

- CAA100 - Essentials for Success

The Associate of Applied Science in Culinary Arts has the following program requirements:

## Locations

Norfolk, VA (Culinary Institute of Virginia), Richmond, VA (Glen Allen)

# Culinary Arts and Applied Nutrition (AAS)

## Overview

### College
College of Culinary Arts

### Program CIP Code
12.0508

The Associate of Applied Science in Culinary Arts and Applied Nutrition degree prepares students for success in the competitive field of food service. The program prepares students develop specialized skills needed by employers in the hospitality and healthcare industries. Emphasis is placed on the science behind culinary nutrition and dietary management while also developing fundamental culinary skills through hands-on training. The Associate of Applied Science Degree in Culinary Arts and Applied Nutrition students will be taught skills in:

- Culinary skills and techniques
- Nutrition and dietary management
- Culinary operations management

## About Culinary Arts and Applied Nutrition

A wide range of career opportunities exist in the field of culinary nutrition. The ability to design and prepare appealing menus that may have to meet the strictest of dietary guidelines requires a combination of nutritional knowledge, culinary skills, and creativity. This specialized skill set can be applied in highly regulated clinical operations, such as hospitals to preparing meals for an individual's specialty diet as a personal chef.

Working in a food service position is physically very demanding. Long periods of standing, lifting heavy objects and long periods between breaks are not uncommon in the industry. Additionally, the student should possess the following:

- Near vision: The ability to see details at close range (within a few feet of the observer)
- Visual color discrimination: The ability to match or detect differences between colors, including shades of color and brightness
- Arm-Hand Steadiness: The ability to keep your hand and arm steady while moving your arm or while holding your arm and hand in one position
- Physical stamina: The ability to stand for extended periods of time
- Physical strength: The ability to lift and transport up to 50 pounds
- Hepatitis A vaccination may be required

Background checks, drug screening and security clearances may be requirements for employment depending on the food service outlet.

## Recommended Certifications

No specific certifications are required for entry level career positions. Students will have the opportunity to earn a ServSafe Food Manager Certificate during their coursework. Upon completion of the Dietary Management Capstone, students will have the opportunity to sit for the Certified Dietary Manager (CDM) exam. This nationally recognized credential validates competency in performing the responsibilities of a dietary manager.

## Outcomes

The Culinary Arts and Applied Nutrition program is designed to educate and train culinarians to compete for employment in food service operations that specialize in nutrition based menus and specialized diets. Upon successful completion of the program, graduates will be able to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
AASCAAN.06.0

### Active?
Yes

### Effective Start Date
Jan 1, 1999

### Outcome Statement
Collaborate effectively with team members to achieve success.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASCAAN.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Communicate effectively to various audiences.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASCAAN.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Practice continuous improvement in culinary arts and dietetics.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASCAAN.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply sound judgment and ethical practices in the professional food service environment.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASCAAN.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ServSafe standards to ensure a safe and secure workplace.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASCAAN.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply learned culinary technical and analytical skills.

For additional information about the program link to: http://www.ecpi.edu/programs/culinary-nutrition-associate-degree. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Associate of Applied Science in Culinary Arts and Applied Nutrition, students must earn 60 semester credit hours. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

42 semester credit hours

**Fulfill ALL of the following requirements:**

**Complete ALL of the following Courses:**

- BPA245 - Alternative Baking
- CAA101 - Culinary Skills
- CAA111 - Culinary Techniques
- CAA115 - Kitchen Essentials
- CAA121 - Culinary Fundamentals
- CAA140 - Introduction to a La Carte
- CAA150 - Baking and Pastry Fundamentals
- CAA200 - Meat Selection and Utilization
- CAA240 - International Cuisine
- CAA255 - Procurement and Food Service Cost Control
- CAA260 - Culinary Nutrition
- CAA280 - Externship-CUL I-a
- CAA285 - Externship-CUL I-b
- NUT110 - Introduction to Dietary Management
- NUT210 - Menu Development for Culinary Nutrition
- NUT220 - Applied Concepts in Culinary Nutrition
- NUT230 - Customer Service Management in Culinary Nutrition
- NUT240 - Dietary Management Capstone

**AND**

**Complete ANY of the following Courses:**

- CAA130 - Pantry Kitchen

- CAA145 - Retail Production

**Arts and Sciences Requirements**

### Type
Completion Requirement

Arts and Sciences Courses*

15 semester credit hours

**Complete ALL of the following Courses:**

- COM115 - Principles of Communication
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH120 - College Mathematics
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

3 semester credit hours

**Complete ALL of the following Courses:**

- CAA100 - Essentials for Success

The Associate of Applied Science in Culinary Arts and Applied Nutrition has the following program requirements.

## Locations

Norfolk, VA (Culinary Institute of Virginia), Richmond, VA (Glen Allen)

# Dental Assisting (AAS)

## Overview

### College
College of Health Science

### Program CIP Code
51.0601

The Associate of Applied Science in Dental Assisting degree is designed to facilitate the development of each student into a competent dental assistant. The program regards each student as an active participant bringing a variety of individual needs and attributes to the educational process. The program is committed to preparing the dental assistant students to become lifelong learners and critical thinkers who will be prepared to contribute to the body of knowledge in dental assisting. Graduates of the program will be prepared to work under the direction and supervision of a dentist.

See also the following additional program information:

- **Admissions Requirements** > Dental Assisting | AAS
- **Attendance Policy** > Dental Assisting | AAS (includes information on Clinical Phase Absenteeism and Tardiness)
- Transferability of Credit > Dental Assisting section

## About Dental Assisting

The dental assistant's responsibility can involve clinical and/or administrative duties. Graduates of the dental assistant program may be directly involved in patient care as "chairside" assistants. Other duties of a dental assistant may include performing lab work; sterilizing and disinfecting rooms and instruments; answering phones; filing charts; scheduling patients; charting, taking and processing X-rays; ordering supplies; and maintaining dental equipment.

Background checks, drug screening, and security clearances are not typically required for employment. Proof of negative chest x-ray, proof of tetanus and Hepatitis B titer, and proof of current CPR training are recommended but not required for employment.

The Dental Assistant can choose to work in private practice dental offices, public health facilities, and VA hospitals in a variety of dental specialty areas.

## Recommended Certifications

The student externship agreement requires students to have the Radiation Health & Safety Certification before completing a required ten-week externship. ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Entry-level dental assistants should retain CPR certification and pass the Dental Assisting National Board Exams, Infection Control and Radiation Health and Safety. A National DANB Radiation Health and Safety (RHS) is required to take dental x-rays. Certified Dental Assistant and Registered Dental Assistant (CDA/RDA) are recommended certifications.

## Student Evaluation

The faculty shall use the objectives of the dental assisting program as criteria for student evaluation. The student's grades are determined by a combination of professionalism, written examinations, laboratory practical exams, and clinical competency checklists.

The student progresses to the next term when all prerequisite courses have been satisfactorily completed. Students must achieve a passing grade of "C" (73 numerical grade) in all DEN courses.

## Outcomes

Upon completion of the program, graduates of the Associate of Applied Science Dental Assisting program are able to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
AASDA.06.0

### Effective Start Date
Dec 1, 2020

### Outcome Statement
Participate in dental community events and learning opportunities.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASDA.03.0

**Effective Start Date**
Dec 1, 2020

**Outcome Statement**
Attain skills in chairside, clinical, practice management, radiographic and laboratory procedures.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASDA.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Illustrate competency in the arts and sciences pertinent to dental assisting.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASDA.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate the knowledge and skills necessary to successfully complete the Dental Assisting National Examination.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASDA.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate knowledge of the American Dental Assisting Association's Principles of Ethics and Code of Professional conduct and its importance to the profession of dental assisting.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASDA.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Acquire knowledge and skills necessary to provide a safe environment for patients and dental staff.

For additional information about the program link to: https://www.ecpi.edu/programs/dental-assistant-associate-degree. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 1.5 years, through our year-round schedule, students can earn an Associate of Applied Science in Dental Assisting.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Associate of Applied Science in Dental Assisting, students must earn 63 semester credit hours. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction. *The total contact hours are 1,260.*

The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

36 semester credit hours

**Complete ALL of the following Courses:**

- DEN100 - Dental Anatomy
- DEN105 - Introduction to Dental Assisting
- DEN110 - Dental Fundamentals
- DEN120 - Clinical Science
- DEN125 - Community Health
- DEN200 - Dental Chairside Assisting
- DEN200L - Chairside Dental Assisting Lab
- DEN206 - Dental Materials
- DEN206L - Dental Materials Lab
- DEN211 - Dental Radiology
- DEN211L - Dental Radiology Lab
- DEN215 - Clinical Dental Procedures
- DEN215L - Clinical Dental Procedures Lab
- DEN220 - Dental Practice Management
- DEN225 - Clinical Rotation I
- DEN225S - Seminar I
- DEN230 - Clinical Rotation II
- DEN230S - Seminar II
- MED104 - Medical Terminology

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

21 semester credit hours

**Complete ALL of the following Courses:**

- BIO101 - Human Anatomy and Physiology I
- BIO104 - Human Anatomy and Physiology II
- COM115 - Principles of Communication
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH120 - College Mathematics
- PSY105 - Introduction to Psychology

**Arts & Sciences courses listed may not be substituted.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

The Associate of Applied Science in Dental Assisting has the following program requirements.

## Program Philosophy

The program for dental assisting is built on a foundation of academic coursework, clinical performance, administrative techniques, and general professionalism. Program faculty and staff are strongly committed to providing all students with an exciting, stimulating, and comprehensive learning experience. The program prepares a graduate to provide safe, effective, ethical, and legal care to persons of all ages and diverse backgrounds. The program develops the ability of the student to think independently, to understand fundamental theory, and to develop the skills necessary to become clinical practitioners who are enlightened decision makers.

## Program Purpose

Dental assistants are essential participants in the dental care delivery system. This program prepares students to meet the requirements for employment as a dental assistant. The dental assistant performs patient care procedures and dental office duties under the direction of a dentist. Duties for patient care include preparing dental operatories for receiving patients for examinations, sick calls or routine dental treatment, reviewing and updating patient health histories, charting existing patient treatment as well as patient needs, taking and displaying radiographs, taking and recording vital signs, assisting the general dentist or dental specialist while conducting several laboratory procedures. Dental office duties include communications and public relations, appointment scheduling and recall systems, supply and inventory control, accounts payable and accounts receivable (collections). This program includes instruction in both clinical and administrative functions. Instruction includes on-campus classroom and laboratory courses, distance learning, and off-campus clinical rotations.

The dental assistant program is comprehensive by providing the correct mix of hands on skills and general education to ensure graduates are able to function effectively as highly skilled professionals. A variety of instructional methods are utilized in program courses to support the learning style of each student, yet challenge the student to recognize and develop alternative learning styles.

## Program Hours

Students are required to attend classes during the day hours Monday through Thursday 8:00 a.m. to 1:00 p.m. and Career Orientation on Friday. Students are required to complete two off-campus clinical rotations. During these two clinical rotations, students will be assigned to an off-site facility for eight hours a day Monday through Friday as determined by the site point of contact (POC).

## Locations

Virginia Beach, VA (Health Science), Manassas, VA (Northern Virginia), Newport News, VA (Health Science), Richmond, VA (Emerywood)

# Diagnostic Medical Sonography (AAS)

## Overview

### College
College of Health Science

### Program CIP Code
51.0910

The Associate of Applied Science in Diagnostic Medical Sonography program offers a a degree that is designed to prepare competent entry-level general sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. The program is designed to facilitate the development of each student to meet the needs of the growing healthcare industry. *This program consists of 1,920 contact hours.*

See also the following additional program information:

- **Admissions Requirements** > Diagnostic Medical Sonography | AAS
- **Attendance Policy** > Diagnostic Medical Sonography | AAS (includes information on Clinical Phase Absenteeism and Tardiness)
- **Clinical Protocol** > Diagnostic Medical Sonography section
- Transferability of Credit > Diagnostic Medical Sonography section

## About Diagnostic Medical Sonography

Sonography is a dynamic profession that has grown significantly over the past 20 years. With rapidly developing new technologies and increased use of diagnostic ultrasound procedures, growth is projected to continue in the future with employment opportunities for qualified sonographers in both urban and rural areas nationwide. Professional responsibilities include: obtaining and recording an accurate patient history, performing diagnostic procedures and obtaining sonographic images, analyzing technical information, providing an oral or written summary of the technical findings to the physician, and collaborating with physicians and other members of the health care team. Salaries for sonographers are competitive with or higher than other professionals with similar levels of education.

A criminal background check, 5-panel urine drug screen, employment physical, proof of PPD test or negative chest x-ray, proof of tetanus inoculation, a Hepatitis B titer, and current CPR certification are usually required for employment as a sonographer.

Diagnostic Medical Sonographers actively work in many healthcare venues and are required to perform some physically demanding duties when working with patients. Therefore, physical requirements have been outlined for this profession and include:

| | |
|---|---|
| • Must be able to stand and walk for 80% of clinical time. | |
| • Must be able to assist, lift, and position patients for at least 50% of the clinical time. | |
| • Has sufficient hearing to respond to patient needs and to interact with the patient, to hear instructions in a variety of situations, such as in a trauma room in the emergency room and in surgery, where the person may be facing away from you or be wearing a surgical mask. Has the ability to distinguish audible sounds of the equipment, such as Doppler. | |
| • Has sufficient motor skill to be able to respond to medical emergencies and to manipulate the equipment. These motor skills may include, but are not limited to the following: | |
| | • Has full use of hands, wrists, and shoulders. Extend the hands and arms in any direction often reaching 3-4 feet above the head. Seize, hold, grasp, turn and otherwise work with both hands. Pick, pinch, twist or otherwise work with wrists and fingers of both hands. |
| | • Move the hand and foot coordinately with each other in accordance with visual stimuli. |
| | • Bend and stoop routinely. |
| | • Perform frequent lifting, carrying, pulling, and pushing of objects weighing 50 lbs or more, such as wheel chairs, patient stretchers, and ultrasound equipment. |
| | • Lift and transfer patients to and from the examination table safely, without injury to patient, self or other health care workers. |
| | • Ability to maintain prolonged arm positions necessary for scanning. |

The Diagnostic Medical Sonographer is also known as Sonographer, Ultrasonographer, or Ultrasound Technologist. Sonographers can choose to work in hospital radiology departments, clinics, medical imaging centers, women's health and childbirth centers, private practice physician offices, public health facilities, or breast imaging centers.

The program includes instruction in both clinical and administrative functions, on campus classroom and laboratory courses and off campus clinical education where students will work with sonographers, physicians, and other health care professionals to learn, develop, and apply the necessary skills to perform general ultrasound examinations in the work place.

### Recommended Certifications

ECPI University provides vouchers allowing students to take certification exams at a greatly reduced cost. Examinations are available through the American Registry of Diagnostic Medical Sonographers (ARDMS). Examinations include: registry examination in Ultrasound Physics and Instrumentation (SPI), and the Abdomen (AB) and Obstetrics/Gynecology (OB/GYN). The American Registry of Radiologic Technologists (ARRT) Certification test in Sonography is another certification available. Certification by either ARDMS or the ARRT is required for employment.

### Student Evaluation

The faculty shall use the objectives of the Diagnostic Medical Sonography program as criteria for student evaluation. The student's grades are determined by a combination of written examinations, laboratory scanning practical exams, and clinical competency checklists.

Diagnostic Medical Sonography technical skills and ability, attitude, and relationship with others are areas of clinical and laboratory evaluation. The achievement of the student in both theory and clinical performance is evaluated by the faculty at regular intervals and shared with the student.

## Outcomes

Upon completion of the program, graduates of the Associate of Applied Science Diagnostic Medical Sonography program are able to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASDMS.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Provide an education experience that promotes effective communication skills, critical thinking abilities and professionalism.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASDMS.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Provide a clinical educational experience that enables students to be capable of performing routine sonographic procedures and related functions specific to general Diagnostic Medical Sonography.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASDMS.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Promote the development of core values and ethical standards necessary for the delivery of quality, patient-centered care.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASDMS.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Prepare students for the challenging responsibilities of the profession and provide opportunity to acquire a working knowledge of the field.

For additional information about the program link to: http://www.ecpi.edu/medical/program/sonography-associate-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Associate of Applied Science in Diagnostic Medical Sonography, students must earn 80 semester credit hours. This program requires 6 semesters, which is equivalent to 21 months or 85 weeks of instruction. The program requirements are as follows:

**Prerequisite Course Requirement**

**Type**
Prerequisite

Math Course

**College Algebra (3 semester credit hours)**
Must be greater than or equal to 100 level college courses only.

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

55 semester credit hours

**Complete ALL of the following Courses:**

- DMS100 - Essentials of Sonography and Patient Care
- DMS107 - Ultrasound Physics and Instrumentation
- DMS107L - Ultrasound Physics and Instrumentation Lab
- DMS108 - Ultrasound Physics and Instrumentation II

- DMS108L - Ultrasound Instrumentation Lab II
- DMS109 - Sectional Anatomy
- DMS200 - Abdominal Sonography
- DMS201 - Advanced Abdominal Sonography
- DMS202 - Obstetrics and Gynecologic Sonography
- DMS203 - Advanced Obstetric Sonography
- DMS204 - Vascular I
- DMS205 - Vascular II
- DMS206 - Introduction to Clinical Education
- DMS207 - Clinical Education I
- DMS208 - Clinical Education II
- DMS209 - Clinical Education III
- DMS210 - Clinical Education IV
- DMS211 - Clinical Education V
- DMS213 - Clinical Education VI
- DMS241 - General/SPI Registry Review

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

21 semester credit hours

**Complete ALL of the following Courses:**

- BIO111 - Anatomy and Physiology with Terminology I
- BIO111L - Anatomy and Physiology with Terminology I Lab
- BIO116 - Anatomy and Physiology with Terminology II
- BIO116L - Anatomy and Physiology with Terminology II Lab
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- PHY120 - Physics
- PHY120L - Physics Lab
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts and Sciences Department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

4 semester credit hours

**Complete ALL of the following Courses:**

- COR191 - Career Orientation
- FOR110 - Essentials for Success

The Associate of Applied Science Diagnostic Medical Sonography program has the following program requirements.

## Program Philosophy

The Diagnostic Medical Sonography program is designed to prepare competent entry-level general sonographers in the cognitive (knowledge), psychomotor (skills) and affective (behavior) learning domains. Program faculty are strongly committed to providing all students with an exciting, stimulating, and comprehensive learning experience. The program prepares graduates to provide safe, effective, ethical, and legal care to persons of all ages and diverse backgrounds. The program develops the ability of the student to think independently, to understand fundamental theory, and to develop the skills necessary to become Diagnostic Medical Sonography practitioners who are enlightened decision makers.

## Program Purpose

This program prepares students to meet the requirements for employment as a Diagnostic Medical Sonographer. The program includes instruction in both clinical and administrative functions. Instruction includes on campus classroom and laboratory courses, and off campus clinical education where students will work with sonographers, physicians, and other health care professionals to learn, develop and apply the necessary skills to perform general ultrasound examinations in the work place.

## Program Hours

Students are required to attend classes during day hours only, Monday through Friday for six semesters. Each semester is divided into 3 five week terms. Each term varies in the number of required courses, depending on the number of credits and contact hours per course, with two or three courses per term.

During the first three semesters all classes are on campus Monday through Thursday. During the fourth semester students will be assigned to an Ultrasound department of a clinical affiliate hospital or imaging center Monday through Friday, eight hours per day. During the final term of the program, clinical rotations will be two to three days per week with on campus classes on the alternate days.

## Locations

Newport News, VA (Health Science), Orlando, FL (Lake Mary), Richmond, VA (Emerywood)

# Electronics Engineering Technology (AAS - South Carolina Only) | Electronics Engineering Technology Concentration

## Overview

### College
College of Technology

### Program CIP Code
15.1202

Electronics Engineering Technicians install, maintain and repair electrical and electronic equipment. They also assist in the development, testing, production, and quality assurance of equipment and components such as: circuit boards, wireless phones, PDAs, medical equipment, and control systems. Skills in the Mechatronics field can be applied in various areas including maintenance and repair, installation, quality assurance, and research and development.

Students in the Electronics Engineering Technology concentration learn about subjects such as fiber optics, analog and digital electronics, control systems, and network technologies. They are able to use test equipment to troubleshoot, maintain, and repair electronic systems, as well as computer and network technologies.

The Electronics Engineering curriculum provides the education and foundation needed for employment in a variety of related industries in both the private and public sector including: automation and manufacturing, aerospace, automotive, and computer industries.

## About Electronics Engineering Technology

Electronic Engineering Technicians install, maintain, and repair electrical and electronic equipment. They assist engineers in the development, testing, production, and quality assurance of equipment and components such as circuit boards, wireless phones, medical equipment, and control systems. Electronics Engineering Technicians are needed in many industries and can find employment in work environments where electronics are used extensively.

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

Some entry-level job titles for an Applied Science in Electronics Engineering Technology graduate include: Medical Equipment Repairer and Installer, Biomedical Equipment Technician, Biomedical Support Technician, Electronics Technician, Computer Engineering Technician, Computer Support Specialist, Electrical/Electronic Engineering Technician, Field Service Technician, and Technical Salesperson.

Graduates of the Applied Science in Electronics Engineering Technology degree program may choose to continue their education by pursuing a Bachelor of Science in Electronics Engineering Technology degree.

## Program Objectives

Students in the Associate of Applied Science in Electronics Engineering Technology program learn to apply technical and analytical skills in electrical, electronics, and related industry to solve engineering problems and maintain equipment and facilities. They apply mathematical science and engineering principles to solve technical problems, implement complex hardware and software systems, and perform team work in engineering projects,

Graduates of the Applied Science in Electronics Engineering Technology program are expected to attain the following objectives within a few years of graduation:

- Apply acquired technical and analytical skills as it relates to their professional positions in electrical, electronic, and related industries
- Apply relative mathematical, science, and engineering methods to solve technical problems
- Analyze and implement complex systems including both hardware and software
- Pursue lifelong learning and successful professional careers
- Perform as effective team members through adequate oral and written communication skills
- Relate and exercise an educated judgment in regards to their professional and ethical responsibilities

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Available certifications for this program include Fiber Optics Installer (FOI), Fiber Optics Technician (FOT), A+ Certification, Network+ Certification, Security+ Certification, GMDSS - Global Maritime Distress and Safety System Maintainer License, GROL - General Radiotelephone Operator's License, and Associate CET.

## Outcomes

Upon completion of the Associate of Applied Science in Electronics Engineering Technology program, graduates will be able to:

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
ASEET-EET.01.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Use testing and measuring instruments to acquire and analyze data.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.05.1

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Perform as an effective team member.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
ASEET-EET.02.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Implement a system or a process containing hardware and software components.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.04.1

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Communicate ideas effectively and clearly in oral and written formats.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.01.1

**Active?**
Yes

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Analyze the operation of electrical and electronic devices and instruments.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Use appropriate tools to acquire, analyze data, and interpret testing results to solve technical problems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Implement various systems containing hardware and/or software components.

For additional information about the program link to: http://www.ecpi.edu/technology/program/electronics-engineering-associate-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services, which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 1.5 years, through a year-round schedule, students can earn an Associate of Science in Electronics Engineering Technology or an Associate of Applied Science in Electronics Engineering Technology (South Carolina only).

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Associate of Applied Science in Electronics Engineering Technology (SC only), students must earn 76 semester credit hours. The program requires a minimum of 5 semesters, which is equivalent to 18 months or 75 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

25 semester credit hours

**Fulfill ALL of the following requirements:**

Course Categories

**Fulfill ALL of the following requirements:**

ELECTRICITY

**Complete ALL of the following Courses:**

- EET110 - Electric Circuits I

AND

**AND**

Complete one lecture and corresponding lab from the following:

**Earn at least 4 credits from the following:**

- ESET111 - Electric Circuits II
- ESET111L - Electric Circuits II Lab

**AND**

ANALOG ELECTRONICS

**Complete ALL of the following Courses:**

- EET120 - Semiconductor Devices
- EET121 - Electronic Systems Applications

**AND**

DIGITAL ELECTRONICS

**Complete ALL of the following Courses:**

- EET130 - Digital Systems I
- EET230 - Digital Systems II

**AND**

NETWORKING

**Complete ALL of the following Courses:**

- CST160 - Introduction to Networking

**AND**

PROGRAMMING

**Complete ALL of the following Courses:**

- SDC100 - Introduction to Programming

**Arts and Sciences Requirements**

### Type

Completion Requirement

Arts and Sciences Courses*

19 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- COM115 - Principles of Communication
- ENG110 - College Composition

- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- PHY120 - Physics
- PHY120L - Physics Lab

**AND**

AND

**Complete at least 1 of the following courses:**

- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- CST120 - Computer Configuration I
- COR191 - Career Orientation
- ET102 - Engineering Math and Software Applications
- FOR110 - Essentials for Success

**Electronics Engineering Technology Concentration Requirements**

### Type
Completion Requirement

Concentration Courses

13 semester credit hours

**Complete ALL of the following Courses:**

- EET220 - Industrial Applications
- EET221L - Instrumentation and Measurement Lab
- EET230L - Digital Systems Lab
- EET231 - Introduction to Programmable Logic Controllers
- EET231L - Introduction to Programmable Logic Controllers Lab
- EET233 - Robotics and Smart Manufacturing (SM)
- EET233L - Robotics and Smart Manufacturing (SM) Lab

**Elective Requirements**

### Type
Completion Requirement

Elective Courses

Earn at least 9 semester credit hours

*Students must meet all pre-requisite requirements for their chosen electives.*

**Fulfill ANY of the following requirements:**

BUSINESS

**Complete ANY of the following Courses:**

- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business

- BUS242 - Emerging Technologies and World of AI

**Additional business and management coursework that supports engineering technology practice may be approved for elective credit, subject to departmental review for relevance to program outcomes.*

**OR**

CADD

**Complete ANY of the following Courses:**

- CAD104 - Rapid Prototyping and 3D Printing
- CAD106 - Civil CAD Design
- CAD108 - Architectural CAD Design
- CAD110 - Building Information Management (BIM)
- CAD112 - AutoCAD Electrical

**OR**

INFORMATION SYSTEMS

**Complete ANY of the following Courses:**

- CST140 - Introduction to Operating Systems
- CYB120 - Introduction to Python Programming
- CYB200 - Network Protocols and Services

**OR**

MATH

**Complete ANY of the following Courses:**

- MTH200 - Pre-calculus
- MTH220 - Applied Calculus I

**OR**

MECHANICAL

**Complete ANY of the following Courses:**

- MET114 - Introduction to Geometric Dimensioning and Tolerancing (GD and T)
- MET213 - Advanced 3D Modeling
- MET221 - Manufacturing Processes
- MET222 - Mechanical Drives and Power Transmission
- MET230L - Hydraulics and Pneumatics Systems Lab
- MET232 - Pumps

**OR**

PROJECT

**Complete ANY of the following Courses:**

- ET210 - Capstone Project
- ET210L - Capstone Project Lab

**OR**

EXTERNSHIP

**Complete ANY of the following Courses:**

- EET200 - Externship-EET III
- EET203 - Externship-EET I-a
- EET204 - Externship-EET I-b
- EET205 - Externship-EET I-c

**OR**

ELECTRONICS

**Complete ANY of the following Courses:**

- EET220 - Industrial Applications
- EET231 - Introduction to Programmable Logic Controllers
- EET272 - Fiber Optics Communication
- EET272L - Fiber Optics Communication LAB
- EET280 - Introduction to Communication Systems
- ESET280 - Introduction to Communication Systems

The Associate of Applied Science in Electronics Engineering Technology (SC Only) | Electronics Engineering Technology concentration has the following program requirements.

## Locations

Charleston, SC, Greenville, SC

# Electronics Engineering Technology (AAS - South Carolina Only) | Mechatronics Concentration

## Overview

### College
College of Technology

### Program CIP Code
15.1202

Electronics Engineering Technicians install, maintain and repair electrical and electronic equipment. They also assist in the development, testing, production, and quality assurance of equipment and components such as: circuit boards, wireless phones, PDAs, medical equipment, and control systems. Skills in the Mechatronics field can be applied in various areas including maintenance and repair, installation, quality assurance, and research and development.

Students in the Mechatronics concentration will focus on core areas such as programmable controllers, hydraulics and pneumatics, testing and measuring instruments, materials science, automation and control systems, and computer programming and networks.

The Mechatronics concentration will offer you the chance to work with and troubleshoot programmable logic controllers, and integrated systems; learn by doing while grasping a firm theoretical foundation in electronics; and put into practice your acquired knowledge through several hands-on projects.

## About Electronics Engineering Technology

Mechatronics Technicians play a critical role in advanced manufacturing. Through their combined skills in mechanical, electrical, and electronics circuits, they are able to troubleshoot, repair, and maintain computer-controlled mechanical systems.

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

Some entry-level job titles for an Applied Science in Electronics Engineering Technology graduate with a Mechatronics concentration include: Automation Technician, Control Systems Technician, Electro-Mechanic, Electro-Mechanical Technician (E/M Technician), Electro-Mechanical Equipment Tester, Electronic Instrument Technician, Electronic Technician, and a combination of these titles.

Graduates of the Applied Science in Electronics Engineering Technology degree program may choose to continue their education by pursuing a Bachelor of Science in Electronics Engineering Technology degree.

## Program Objectives

Students in the Associate of Applied Science in Electronics Engineering Technology program learn to apply technical and analytical skills in electrical, electronics, and related industry to solve engineering problems and maintain equipment and facilities. They apply mathematical science and engineering principles to solve technical problems, implement complex hardware and software systems, and perform team work in engineering projects,

Graduates of the Applied Science in Electronics Engineering Technology program are expected to attain the following objectives within a few years of graduation:

- Apply acquired technical and analytical skills as it relates to their professional positions in electrical, electronic, and related industries
- Apply relative mathematical, science, and engineering methods to solve technical problems
- Analyze and implement complex systems including both hardware and software
- Pursue lifelong learning and successful professional careers
- Perform as effective team members through adequate oral and written communication skills
- Relate and exercise an educated judgment in regards to their professional and ethical responsibilities

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Available certifications for this program include Fiber Optics Installer (FOI), Fiber Optics Technician (FOT), A+ Certification, Network+ Certification, Security+ Certification, GMDSS - Global Maritime Distress and Safety System Maintainer License, GROL - General Radiotelephone Operator's License, and Associate CET.

## Outcomes

Upon completion of the Associate of Applied Science in Electronics Engineering Technology Mechatronics Concentration program, graduates will be able to:

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.05.1

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Perform as an effective team member.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.04.1

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Communicate ideas effectively and clearly in oral and written formats.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
ASEET-M.02.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Implement hydraulic and pneumatic systems.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
ASEET-M.01.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Create 2D and 3D designs for engineering parts using CAD software.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.01.1

**Active?**
Yes

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Analyze the operation of electrical and electronic devices and instruments.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Use appropriate tools to acquire, analyze data, and interpret testing results to solve technical problems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Implement various systems containing hardware and/or software components.

For additional information about the program link to: http://www.ecpi.edu/technology/program/electronics-engineering-associate-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services, which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 1.5 years, through a year-round schedule, students can earn an Associate of Science in Electronics Engineering Technology or an Associate of Applied Science in Electronics Engineering Technology (South Carolina only).

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Associate of Applied Science in Electronics Engineering Technology (SC only), students must earn 76 semester credit hours. The program requires a minimum of 5 semesters, which is equivalent to 18 months or 75 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

25 semester credit hours

**Fulfill ALL of the following requirements:**

Course Categories

**Fulfill ALL of the following requirements:**

ELECTRICITY

**Complete ALL of the following Courses:**

- EET110 - Electric Circuits I

AND

**AND**

Complete one lecture and corresponding lab from the following:

**Earn at least 4 credits from the following:**

- ESET111 - Electric Circuits II
- ESET111L - Electric Circuits II Lab

**AND**

ANALOG ELECTRONICS

**Complete ALL of the following Courses:**

- EET120 - Semiconductor Devices
- EET121 - Electronic Systems Applications

**AND**

DIGITAL ELECTRONICS

**Complete ALL of the following Courses:**

- EET130 - Digital Systems I
- EET230 - Digital Systems II

**AND**

NETWORKING

**Complete ALL of the following Courses:**

- CST160 - Introduction to Networking

**AND**

PROGRAMMING

**Complete ALL of the following Courses:**

- SDC100 - Introduction to Programming

**Arts and Sciences Requirements**

### Type

Completion Requirement

Arts and Sciences Courses*

19 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- COM115 - Principles of Communication
- ENG110 - College Composition

- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- PHY120 - Physics
- PHY120L - Physics Lab

**AND**

AND

**Complete at least 1 of the following courses:**

- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- CST120 - Computer Configuration I
- COR191 - Career Orientation
- ET102 - Engineering Math and Software Applications
- FOR110 - Essentials for Success

**Mechatronics Concentration Requirements**

### Type
Completion Requirement

Concentration Courses

13 semester credit hours

**Complete ALL of the following Courses:**

- MET191 - Materials Science
- MET192 - Graphics Communication
- MET192L - Introduction to 3-D Modeling LAB
- MET211 - Statics
- MET230 - Hydraulics and Pneumatics Systems

**Elective Requirements**

### Type
Completion Requirement

Elective Courses

Earn at least 9 credits from the following:

*Students must meet all pre-requisite requirements for their chosen electives.*

**Fulfill ANY of the following requirements:**

BUSINESS

**Complete ANY of the following Courses:**

- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business
- BUS242 - Emerging Technologies and World of AI

**Additional business and management coursework that supports engineering technology practice may be approved for elective credit, subject to departmental review for relevance to program outcomes.*

**OR**

CADD

**Complete ANY of the following Courses:**

- CAD104 - Rapid Prototyping and 3D Printing
- CAD106 - Civil CAD Design
- CAD108 - Architectural CAD Design
- CAD110 - Building Information Management (BIM)
- CAD112 - AutoCAD Electrical

**OR**

INFORMATION SYSTEMS

**Complete ANY of the following Courses:**

- CST140 - Introduction to Operating Systems
- CYB120 - Introduction to Python Programming
- CYB200 - Network Protocols and Services

**OR**

MATH

**Complete ANY of the following Courses:**

- MTH200 - Pre-calculus
- MTH220 - Applied Calculus I

**OR**

MECHANICAL

**Complete ANY of the following Courses:**

- MET114 - Introduction to Geometric Dimensioning and Tolerancing (GD and T)
- MET213 - Advanced 3D Modeling
- MET221 - Manufacturing Processes
- MET222 - Mechanical Drives and Power Transmission
- MET230L - Hydraulics and Pneumatics Systems Lab
- MET232 - Pumps

**OR**

PROJECT

**Complete ANY of the following Courses:**

- ET210 - Capstone Project
- ET210L - Capstone Project Lab

**OR**

EXTERNSHIP

**Complete ANY of the following Courses:**

- EET200 - Externship-EET III
- EET203 - Externship-EET I-a
- EET204 - Externship-EET I-b
- EET205 - Externship-EET I-c

**OR**

ELECTRONICS

**Complete ANY of the following Courses:**

- EET220 - Industrial Applications
- EET231 - Introduction to Programmable Logic Controllers
- EET272 - Fiber Optics Communication
- EET272L - Fiber Optics Communication LAB
- EET280 - Introduction to Communication Systems
- ESET280 - Introduction to Communication Systems

The Associate of Applied Science in Electronics Engineering Technology (SC Only) | Mechatronics concentration has the following program requirements.

## Locations

Columbia, SC

# Emergency Medical Services (AAS)

## Overview

### College
College of Health Science

### Program CIP Code
51.0904

The Associate of Applied Science in Emergency Medical Services (EMS) degree follows the 2009 EMS Education Standards published by the US Department of Transportation and involves 555 hours of classroom and lab instruction; an extensive structured 270 hour in-hospital clinical component with experienced preceptors at various medical centers and a field internship with a high performance urban EMS agency.

Students successfully completing this program will be eligible for certification testing by the National Registry of Emergency Medical Technicians.

The Paramedic program provides general instruction in all human body systems and advanced life support management for a wide range of conditions. Components of this program include:

- Introduction to Paramedic
- Pharmacology
- Airway Management and Ventilation
- Advanced Patient Assessment
- Medicine
- Trauma
- Special Populations
- EMS Operations

See also the following additional program information:

- **Admissions Requirements** > Emergency Medical Services | AAS
- **Attendance Policies** > Emergency Medical Services (EMS) | AAS
- Transferability of Credit > Emergency Medical Services section

## About Emergency Medical Services

The Paramedic is an allied health professional whose primary focus is to provide advanced emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the complex knowledge and skills necessary to provide patient care and transportation. Paramedics function as part of a comprehensive EMS response, under medical oversight. Paramedics perform interventions with the basic and advanced equipment typically found on an ambulance. The Paramedic is a link from the scene into the health care system.

In most communities, Paramedics provide a large portion of the out-of-hospital care and represent the highest level of out-of-hospital care. Paramedics work alongside other EMS and health care professionals as an integral part of the emergency care team.

The Paramedic's scope of practice includes basic and advanced skills focused on the acute management and transportation of the broad range of patients who require emergency medical care. This may occur at an emergency scene until transportation resources arrive, from an emergency scene to a health care facility, between health care facilities, or in other health care settings.

Applicants for employment in Emergency Medical Services must be capable of completing an employment process which may include the following:

- Criminal History Check
- Drug Screening
- Psychological Screening/ Mental Health History
- Driving Record
- Polygraph Examination
- Security Clearance
- Physical Agility
- Physical Health Evaluation
- Military Disciplinary History
- Domestic Violence Investigations
- Credit History

- Social Networking Background Investigation
- Background Investigation
- Panel Interviews
- Behavioral Assessment
- Possession of a Valid Driver's License
- Compliance with policies regarding body art/ tattoos and piercings
- Tobacco Free Agreement
- Educational History

A criminal background check, 5-panel urine drug screen, employment physical, proof of PPD test or negative chest x-ray, proof of tetanus inoculation, a Hepatitis B titer, Varicella titer, proof of MMR vaccination and current AHA Healthcare Provider CPR certification are required.

### Recommended Certifications

Successful completion of the National Registry of Emergency Medical Technicians Certification Examination is required to obtain Paramedic Certification.  Affiliation or employment with a licensed EMS Agency and approval of the Agency Operational Medical Director is required to practice as a Paramedic.

### Student Evaluation

The faculty uses the objectives of the EMS Program as criteria for student evaluation. Student grades are determined by a combination of assignment completion, written examinations, laboratory and clinical competencies and professional behavior as detailed on the course syllabus.

The achievement of the student in theory, psychomotor performance, clinical performance and professional behavior is evaluated by the faculty at regular intervals and shared with the student. The student progresses to the next term when all course requirements have been met. Students must maintain a 73 percent average in all EMS or science courses and meet all psychomotor competency requirements.

At the completion of certain courses, students will be required to complete a computerized, national examination that tests the student’s comprehensive knowledge of the course content. The student must score a minimum of 73% on the unit summative exams.

All clinical courses have minimum hour requirements and minimum clinical competency requirements. Both the minimum hours and the minimum clinical competencies must be met.

A final course grade of less than 73 percent or failure to meet clinical or laboratory requirements will result in failure of a course.

Following completion of all course requirements, the Paramedic student must score a minimum of 73% on the comprehensive capstone exam to be eligible for the National Registry of Emergency Medical Technicians Certification Examination.

## Outcomes

The Associate of Applied Science Degree in Emergency Medical Services is designed to prepare Paramedics who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.

The Associate of Applied Science Degree in Emergency Medical Services is designed to provide the entry-level Paramedic with knowledge and experience which will enable the graduate to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASEMS.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Provide culturally competent care to a multicultural society.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASEMS.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Utilize various methods of communication to effectively interact within the healthcare system.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASEMS.07.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Utilize basic team leadership skills to ensure safety, coordinate care, delegate appropriately and solve problems to facilitate positive patient outcomes.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASEMS.06.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Provide evidence-based, clinically competent care utilizing critical thinking and decision-making in the prehospital setting.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASEMS.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Exhibit behavior consistent with the standards of professional practice.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASEMS.08.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate the characteristics of self-direction and accountability, which contribute to lifelong learning, both personally and within the profession.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASEMS.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate technical competence in all skills required of practice.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASEMS.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Adhere to the standards of professional practice within the legal, ethical and regulatory framework.

For additional information about the program link to: https://www.ecpi.edu/programs/emergency-medical-services-paramedic-associates. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

# Requirements

## Simple Requirements

**Program Requirements**

To receive the Associate of Applied Science in Emergency Medical Services, students must earn 71 semester credit hours. The program requires a minimum of 5 semesters, which is equivalent to 18 months or 75 weeks of instruction. The program requirements are as follows:

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses

18 semester credit hours

**Complete ALL of the following Courses:**

- BIO101 - Human Anatomy and Physiology I
- BIO104 - Human Anatomy and Physiology II
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH120 - College Mathematics
- PSY105 - Introduction to Psychology

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

3 semester credit hours

**Complete ALL of the following Courses:**

- FOR110 - Essentials for Success

**Emergency Medical Technician Certification**

**Type**
Completion Requirement

Emergency Medical Technician Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- EMS112 - Emergency Medical Technician I
- EMS113 - Emergency Medical Technician II
- EMS114 - Emergency Medical Technician III
- EMS115 - Emergency Medical Technician IV
- EMS120 - Emergency Medical Technician Clinical

**Paramedic Certification**

**Type**
Completion Requirement

Paramedic Courses

41 semester credit hours

**Complete ALL of the following Courses:**

- EMS201 - Introduction to Paramedic
- EMS203 - EMS Pharmacology
- EMS205 - Airway Management and Ventilation
- EMS207 - Advanced Patient Assessment
- EMS209 - Medicine I
- EMS210 - Medicine II
- EMS213 - Trauma
- EMS215 - Special Populations
- EMS217 - EMS Operations
- EMS219 - Paramedic Skill Development
- EMS241 - Paramedic Clinical I
- EMS242 - Paramedic Clinical II
- EMS243 - Paramedic Clinical III
- EMS244 - Paramedic Clinical IV

- EMS245 - Paramedic Clinical V
- EMS246 - Paramedic Clinical VI
- EMS250 - Paramedic Field Clinical I
- EMS252 - Paramedic Field Internship

The Associate of Applied Science in Emergency Medical Services (EMS) has the following program requirements.

## Locations

Newport News, VA (Health Science)

# Medical Assisting (AAS)

## Overview

### College
College of Health Science

### Program CIP Code
51.0801

The Associate of Applied Science in Health Sciences-Medical Assisting degree prepares students to perform clinical and administrative functions in a physician‘s office or other medical setting. The program includes didactic classroom instruction, extensive hands-on laboratory experience, and externship in a local area medical facility. Applied Science in Health Sciences-Medical Assisting graduates are CPR certified.

Students graduating from this program may be eligible to become Certified Medical Assistants, Registered Medical Assistants, Certified Phlebotomy Technicians, and EKG Technicians.

The program has entered into a consortium agreement with the University Online campus located at the main campus in Virginia Beach. The agreement enables Arts and Science and Self Integration courses to be delivered asynchronously online. The agreement has zero impact on employment or licensure and there are no additional costs incurred.

See also the following additional program information:

- **Attendance Policy** > Medical Assisting | AAS (includes information about Late Assignments)
- Transferability of Credit > Medical Assisting section

The Health Science/Medical Assisting programs at ECPI University are accredited by the Accrediting Bureau of Health Education Schools (ABHES) at the following ECPI University campuses: Newport News, Northern Virginia, Richmond, Roanoke and Virginia Beach, Virginia; Charlotte, Greensboro and Raleigh, North Carolina; and Charleston, Columbia, and Greenville. This is a programmatic accreditation by ABHES, a recognized accrediting agency for allied health programs, including medical assisting. For more information, visit www.abhes.org.

## About Medical Assisting

Medical Assistants perform a combination of clinical and administrative duties. Clinical duties might include preparing the patient for a physician’s examination, collecting and preparing specimens, performing basic laboratory tests and EKGs, removing sutures after surgery, changing dressings, sterilizing medical instruments, and administering injections. They also communicate extensively with patients and other healthcare providers. The administrative duties include scheduling appointments, recording information in electronics medical records, completing insurance forms, arranging for referrals to other healthcare institutions, performing billing functions, and purchasing and maintaining supplies and equipment. These duties occur in a wide range of healthcare settings, such as doctors’ offices, hospitals, clinics, urgent care, and other healthcare facilities.

For employment, students will generally need to pass a routine physical examination, background check, credit check, drug screening, and Mantoux test for tuberculosis and have current vaccinations, including Hepatitis B. Students must be able to comply with all federal regulations regarding HIPAA and OSHA.

Graduates could obtain employment as Medical Assistants, Phlebotomists, or EKG technicians, and they could be expected to work in any healthcare environment.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Students graduating from this program may be eligible to become Certified Medical Assistants (CMA), Registered Medical Assistants (RMA), Certified Phlebotomy Technicians, and EKG Technicians. Students should also obtain their CPR certification.

## Student Evaluation

The faculty will use the objectives of the medical assisting program as criteria for student evaluation. The student‘s grades are determined by a combination of professionalism, written examinations, laboratory practical exams, competency checklists, and other assignments.

The student progresses to the next term when all prerequisite courses have been satisfactorily completed. Students must achieve a passing grade of “C” (73 numerical grade) in all MED courses.

## Outcomes

Upon completion of the program, graduates of the Associate of Applied Science Medical Assisting program are able to:

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMA.01.0

**Active?**
Yes

**Effective Start Date**
Dec 1, 2020

**Outcome Statement**
Demonstrate characteristics of self-direction and accountability with strong educational foundations for lifelong personal and professional growth.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMA.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Provide clinically competent, contemporary care that recognizes individual differences and promotes caring behavior in the health care community.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMA.06.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Program provides comprehensive preparation of graduates for work in the career field.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMA.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Function as competent, beginning practitioner in both clinical and administrative procedures for the medical office.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMA.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate critical thinking skills to effectively address patient care and to adapt to the rapidly changing challenges in healthcare and medical assisting.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMA.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Be eligible to sit for the Certified Medical Assistant Exam offered through AAMA and/or the RMA exam by AMT.

For additional information about the program link to: http://www.ecpi.edu/medical/program/medical-assistant-associate-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

# Requirements

## Simple Requirements

**Program Requirements**

To receive the Applied Science in Health Sciences-Medical Assisting degree, students must earn 61 semester credit hours. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction.

This program includes a total of 1,170 contact hours and program courses may be offered via Remote Synchronous Delivery. (see Remote Synchronous and Hybrid Delivery)

The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

34 semester credit hours

**Complete ALL of the following Courses:**

- MED104 - Medical Terminology
- MED112 - Medical Coding and Billing I
- MED143 - Principles of Pharmacology
- MED149 - Medical Ethics

- MED158 - Phlebotomy and Laboratory Procedures
- MED159 - Patient Intake and Infection Control
- MED160 - Medical Office Procedures I
- MED203 - Pathophysiology
- MED229 - Advanced Procedures, Life Support and Specialties
- MED232 - Advanced Diagnostics and Testing
- MED239 - EKG Technician and Cardiology
- MED254 - Medical Office Procedures II
- MED286 - National Certification Exam Prep
- MED295 - Medical Assisting Externship

**Arts and Sciences Requirements**

### Type
Completion Requirement

Arts and Sciences Courses*

21 semester credit hours

**Complete ALL of the following Courses:**

- BIO101 - Human Anatomy and Physiology I
- BIO104 - Human Anatomy and Physiology II
- COM115 - Principles of Communication
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH120 - College Mathematics
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page. The following courses are available online for Medical Assisting students:* PSY105 Introduction to Psychology, COM115 Principles of Communication, ENG110 College Composition, MTH131 College Algebra, MTH120 College Mathematics, and HUM205 Culture, Thought, and the Human Experience.

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses*

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**The following courses are available online for Medical Assisting students:* CIS108 Office Applications, COR191 Career Orientation, and FOR110 Essentials for Success.

The Associate of Applied Science in Medical Assisting has the following program requirements.

## Locations

Virginia Beach, VA (Health Science), Charleston, SC, Charlotte, NC, Columbia, SC, Greensboro, NC, Greenville, SC, Manassas, VA (Northern Virginia), Newport News, VA (Health Science), Raleigh, NC, Richmond, VA (Emerywood), Roanoke, VA

# Medical Radiography (AAS)

## Overview

### College
College of Health Science

### Program CIP Code
51.0911

The Associate of Applied Science in Medical Radiography program serves as a means to address the need for Registered Technologists in Radiography in the surrounding area, nationally and internationally to meet society‘s need for increased numbers of highly skilled and knowledgeable Radiographer professionals. *This program consists of 2,130 contact hours.*

See also the following additional program information:

- **Admissions Requirements** > Medical Radiography | AAS
- **Attendance Policies** > Medical Radiography | AAS (includes information on Clinical Phase Absenteeism and Tardiness)
- Clinical Protocol > Medical Radiography section
- Transferability of Credit > Medical Radiography section

ECPI University - Northern Virginia Location

The Medical Radiography program is accredited by the Joint Review Committee on Education in Radiologic Technology

20 North Wacker Drive, Suite 2850

Chicago, IL 60606-3182

312-704-5300

Email: mail@jrcert.org

The program's current accreditation award is 8 years. General program accreditation information and the current accreditation award letter can be found here: https://www.jrcert.org/programs/ecpi-university-northern-virginia/

ECPI University - Newport News, VA Location

The Medical Radiography program is accredited by the Joint Review Committee on Education in Radiologic Technology

20 North Wacker Drive, Suite 2850

Chicago, IL 60606-3182

312-704-5300

Email: mail@jrcert.org

The program's current accreditation award is 8 years. General program accreditation information and the current accreditation award letter can be found here: https://www.jrcert.org/programs/ecpi-university/

## About the Medical Radiography Profession

Radiography is a “high touch” profession requiring the technologist to position patients for x-ray examinations. About half of all Radiographers work in hospitals, and the other half work in outpatient facilities. In addition to x-ray equipment, they may, with additional on the job training and/or education, use other advanced imaging modalities such as CT, MRI, Mammography, Bone Densitometry, Cardiac & Vascular Radiography, and others. Graduates of the Associate of Science in Medical Radiograph program may also pursue advanced degrees such as the B.S., M.S., and R.R.A. (Registered Radiologist Assistant). Certificate programs are available in Nuclear Medicine, Radiation Therapy, Sonography (ultrasound), and others. Radiographers may work in various employment conditions, such as doing portable exams in emergency situations, operating rooms, patient rooms, and others.

Background checks, drug screening, a physical examination, current immunizations, and security clearances may be required of graduates seeking employment as a Radiographer.

Radiography can be a physically demanding profession. Radiographers must have the physical capacity to position patients to obtain clear medical images. This activity may require standing, bending, squatting, lifting and moving patients, moving portable x-ray equipment, and overhead x-ray tubes. Radiographers must have the visual acuity to discern the quality of a medical image and analyze the technical results. They must be able to hear well enough to engage in conversation with their patients.

Radiographers are needed in many different healthcare businesses including hospitals, outpatient facilities, clinics, and orthopedic facilities.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Available certifications for this program include R. T. (R), ARRT (Registered Technologist) in Radiography of the American Registry of Radiologic Technologist; and a state license as Radiologic Technologist. Cardio-Pulmonary Resuscitation (CPR) certification is required. ARRT Certification is required for employment.

## Student Evaluation

The faculty shall use the objectives of the Medical Radiography Program as criteria for student evaluation.

The student‘s grades are determined by a combination of written examinations, laboratory competence, and/or clinical competence. Radiographer technical skills and ability, attitude, and relationship with others are areas of clinical and laboratory evaluation. The achievement of the student in both theory and clinical performance is evaluated by the faculty at regular intervals and shared with the student.

The student progresses to the next term when all prerequisite courses have been satisfactorily completed. Students must achieve a passing grade of C or better in all Radiography and/or science courses (A&P/Medical Terminology) and satisfactorily meet all clinical objectives. A final course grade of less than C or failure to meet clinical objectives, will result in failure of a course.

## Outcomes

Upon completion of the program:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMR.01.B.0

**Effective Start Date**
Dec 1, 2020

**Custom Catalog Group**
Students will be clinically competent.

**Outcome Statement**
Students will provide proper radiation protection.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMR.03.B.0

**Effective Start Date**
Dec 1, 2020

**Custom Catalog Group**
Students will demonstrate critical thinking.

**Outcome Statement**
Students will modify procedures to meet patient needs.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMR.03.A.0

**Effective Start Date**
Dec 1, 2020

**Custom Catalog Group**
Students will demonstrate critical thinking.

**Outcome Statement**
Students will manipulate technical factors.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMR.04.A.0

**Effective Start Date**
Dec 1, 2020

**Custom Catalog Group**
Students will model professionalism.

**Outcome Statement**
Students will demonstrate ethical behavior.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMR.02.B.0

**Effective Start Date**
Dec 1, 2020

**Custom Catalog Group**
Students will demonstrate effective communication skills.

**Outcome Statement**
Students will demonstrate effective written communication skills.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMR.04.B.0

**Effective Start Date**
Dec 1, 2020

**Custom Catalog Group**
Students will model professionalism.

**Outcome Statement**
Students actively participate in learning experiences during clinical training.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMR.02.A.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Custom Catalog Group**
Students will demonstrate effective communication skills.

**Outcome Tags**
AACN Essential #3, AACN Essential #4, AACN Essential #8

**Outcome Statement**
Students will provide effective oral communication skills.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASMR.01.A.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Custom Catalog Group**
Students will be clinically competent.

**Outcome Tags**
AACN Essential #3, AACN Essential #6

**Outcome Statement**
Students will demonstrate accurate positioning skills.

For additional information about the program link to: http://www.ecpi.edu/medical/program/radiography-associate-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 1.5 years, through our year-round schedule, students can earn an Associate of Applied Science in Medical Radiography.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Associate of Applied Science in Medical Radiography, students must earn 82 semester credit hours. The program requires a minimum of 5 semesters, which is equivalent to 18 months or 75 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

**Complete ALL of the following Courses:**

- MED104 - Medical Terminology
- RAD100 - Fundamentals of Radiologic Sciences and Healthcare
- RAD105 - Patient Care and Ethics in Radiologic Sciences
- RAD110 - Introduction to Radiographic Positioning and Technique
- RAD115 - Radiographic Procedures 1
- RAD120 - Introduction to Radiography Clinical Practice
- RAD125 - Radiographic Procedures 2
- RAD135 - Radiographic Procedures 3
- RAD147 - Radiographic Imaging I
- RAD156 - Radiation Production, Characteristics and Imagin Equipment
- RAD165 - Radiological Pharmacology and Drug Administration
- RAD177 - Radiographic Imaging 2
- RAD205 - Radiographer Research and Review
- RAD217 - Radiographic Imaging 3
- RAD225 - Radiographic Pathology
- RAD235 - Radiation Biology and Protection
- RAD245 - Radiologic Advanced Imaging Modalities

- RAD255 - Radiography A.R.R.T. Exam Preparation
- RAD132 - Radiography Clinical Education 1
- RAD142 - Radiography Clinical Education 2
- RAD152 - Radiography Clinical Education 3
- RAD162 - Radiography Clinical Education 4
- RAD172 - Radiography Clinical Education 5
- RAD182 - Radiography Clinical Education 6
- RAD202 - Radiography Clinical Education 7
- RAD212 - Radiography Clinical Education 8
- RAD222 - Radiography Clinical Education 9
- RAD232 - Radiography Clinical Education 10
- RAD242 - Radiography Clinical Education 11
- RAD252 - Radiography Clinical Education 12

**Arts and Sciences Curriculum**

**Type**
Completion Requirement

Arts and Sciences Courses*

21 semester credit hours

**Complete ALL of the following Courses:**

- BIO101 - Human Anatomy and Physiology I
- BIO104 - Human Anatomy and Physiology II
- COM115 - Principles of Communication
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH120 - College Mathematics
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

The Associate of Applied Science in Medical Radiography has the following program requirements.

## Program Philosophy

The Medical Radiography curriculum has been designed to thoroughly prepare students for an entry-level career as a Radiographer. The program teaches the physical and applied science of Radiography, with a focus on the application of theory to clinical practice. This program is designed to provide students with a fundamental imaging foundation so that they are competent clinical practitioners capable of producing diagnostic radiographs while subjecting the patient and healthcare personnel to minimum radiation exposure. Students learn critical thinking skills and independent professional judgment, thus preparing graduates for success on the national and/or any applicable state exams and in the workplace.

## Program Purpose

The Medical Radiography program prepares graduates to provide professional patient care and assessment, competent performance of radiologic imaging and total quality management and safety, in the application of ionizing radiation to humans.

The program‘s main purpose is to educate students with the most current knowledge and skills to meet the needs of the client and the demands of the healthcare industry. This program includes emphasis on the culture of safety, education, and interdisciplinary collaborative learning from both community-based and hospital settings.

Upon completion of the program, students receive an Associate of Applied Science degree in Medical Radiography, which allows them to become eligible to sit for the national ARRT exam in Radiography and also qualifies graduates, who pass the ARRT exam, for state licensing. As a Radiographer, a vast range of opportunities are available to the graduate allowing continued professional growth and educational development.

## Program Hours

Students are required to attend classes during day hours only on Mondays through Fridays, for five semesters. Each semester is divided into three, five week terms. Each term varies in the number of required courses, depending on the number of credits and contact hours per course, with two to three courses per term.

During the first semester, all classes are on campus, however during the second and third semesters, students will only be on campus Mondays, Wednesdays, and sometimes Fridays. On Tuesdays and Thursdays, students will be assigned to a Radiology department of a clinical affiliate hospital or imaging center. During the fourth and fifth semesters, classes are on campus Tuesdays and Thursdays, with Radiology department assignments on Mondays, Wednesdays, and Fridays. Limited experiences also include alternative evening and weekend schedules.

Clinical and/or externship assignments may include day, evening and weekend hours. The clinical and/or externship facilities used during the program are located throughout the region. Reliable transportation, a flexible schedule and the ability to commute some distance to assignments is required to complete the program.

## Locations

Manassas, VA (Northern Virginia), Newport News, VA (Health Science)

# Physical Therapist Assistant (AAS)

## Overview

### College
College of Health Science

### Program CIP Code
51.0806

The  Associate of Applied Science in Physical Therapist Assistant degree is designed to facilitate the development of each student into a competent, entry-level physical therapist assistant. The program regards each student as an active participant bringing a variety of individual needs and attributes to the educational process. The program is committed to preparing the physical therapist assistant students to become lifelong learners and critical thinkers who will be prepared to contribute to the body of knowledge in physical therapy. Graduates of the program will be prepared to work under the direction and supervision of a physical therapist in the delivery of rehabilitative care. *This program consists of 1,725 contact hours.*

See also the following additional program information:

- **Admissions Requirements** > Physical Therapist Assistant | AAS
- **Attendance Policy** > Physical Therapist Assistant | AAS (includes information on Clinical Phase Absenteeism and Tardiness)
- Transferability of Credit > Physical Therapist Assistant section

## Commission on Accreditation in Physical Therapy Education

The Physical Therapist Assistant program at ECPI University (Newport News and Richmond/Glen Allen, Virginia campuses and Orlando/Lake Mary, Florida campus) is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 3030 Potomac Ave., Suite 100, Alexandria, Virginia 22305-3085; telephone: 703-706-3245; email: accreditation@apta.org; website: http://www.capteonline.org.  If needing to contact the program/institution directly, please call 757.490.9090 or email PTADirector@ecpi.edu.

## About Physical Therapist Assistant

Physical Therapist Assistants (PTA's) provide physical therapy services under the direction and supervision of a licensed physical therapist. PTA’s help manage patients with back and neck injuries, sprains and strains, arthritis, burns, amputations, wounds, neurological conditions, surgical intervention, and injuries related to work or sports. PTA.'s help individuals of all ages who are ill, injured, or have a health condition that limits their ability to perform daily activities needed for life. Care provided by PTA's may include teaching patients exercises and activities to increase mobility, strength, and coordination. PTA's will also use physical modalities such as heat, ice, ultrasound, traction, massage, or electrical stimulation to help decrease pain, increase motion, and improve function.

Physical Therapist Assistants must be licensed in the state that they wish to practice. This requires graduation from an accredited institution and passing of the National Physical Therapy Examination for PTA's. Some positions may require criminal background checks, drug screening, and/or security clearances. A completed physical exam, evidence of immunization and current CPR certification may also be required.

Students making the decision to enter into this program should be aware of the physical nature of both the profession and their course of study. Students must be able to perform essential functions in order to successfully complete the program and work in the profession at large. Essential functions are the activities/skills that are necessary to ensure that the students are able to provide safe, competent, and timely care to patients receiving physical therapy services. The following standards reflect reasonable expectations of PTA students for the performance of common physical therapy activities. Students must be able to obtain information in the classroom laboratory and clinical setting through observation, auscultation, and palpation. Students must have sufficient motor capabilities, balance, strength, coordination, and stamina to execute the movements and skills to provide safe and effective physical therapy interventions. Students must possess the ability to comprehend, recall, and process large amounts of didactic information. Students must be able to think critically, reason, prioritize, organize, and attend to tasks and responsibilities in a timely manner when performing data collection skills and physical therapy interventions during patient care. Students must be able to utilize effective and efficient communications in the English language to interact with peers, healthcare providers, patients, and family members. Students must demonstrate the ability to practice in a professional and ethical manner. Students must exercise good judgment, develop empathetic and therapeutic relationships patients and others and tolerate close and direct physical contact and broad and diverse populations. Personal attributes must include compassion, integrity, concern for others, interpersonal skills, cultural competence, and motivation.

The most common related job title is Physical Therapist Assistant. Physical Therapist Assistants work in a variety of settings including hospitals, outpatient clinics, rehabilitation, skilled nursing, and extended care facilities, homes, schools, occupational environments, fitness centers and sports training facilities.

## Recommended Certifications

Physical Therapist Assistants must be licensed in the state they wish to practice. This requires graduation from an accredited program and passing of the National Physical Therapy Examination for Physical Therapist Assistants. ECPI University provides vouchers allowing students to take certification exams at a greatly reduced cost.

## Student Evaluation

The faculty shall use the objectives of the Physical Therapist Assistant Program as criteria for student evaluation. The student‘s grades are determined by a combination of written examinations, laboratory practicals, and clinical competency checklists.

Physical Therapist Assistant technical skills and ability, attitude, and relationship with others are areas of clinical and laboratory evaluation. The achievement of the student in both theory and clinical performance is evaluated by the faculty at regular intervals and shared with the student. The student progresses to the next term when all prerequisite courses have been satisfactorily completed. Students must achieve a passing grade of B or better in Anatomy and Physiology I and II courses and a grade of C or better in all PTA courses and satisfactorily meet all clinical objectives. A final course grade of less than C or failure to meet clinical objectives, will result in failure of a course.

Written assignments must be submitted on time. Tests and assignments must be made up on the student‘s first classroom day back to school after an absence, unless the student makes alternate arrangements with the instructor.

Student success involves:

1. Faculty interested in teaching and learning
2. Students interested in learning and are accountable for their education
3. Effective feedback to allow the student to correctly monitor his/her progress within the curriculum
4. Professional behaviors are essential to an effective entry-level practitioner. Professional behaviors are learned through sharing and modeling effective practice. Professional behaviors include:
    1. Commitment to learning
    2. Interpersonal skills
    3. Communication
    4. Effective use of time and resources
    5. Stress management
    6. Use of constructive feedback
    7. Problem solving
    8. Responsibility
    9. Critical thinking
    10. Ethical choices and decisions

Students will interact with all levels of healthcare practitioners. Communication is essential for effective and safe practice within the healthcare system. Communication is emphasized throughout the curriculum in various activities and role modeling in the laboratory.

## Outcomes

The Associate of Applied Science Physical Therapist Assistant program has the following program outcomes:

### Student/Graduate Level Goals

- The PTA program will prepare graduates for entry-level practice as physical therapist assistants who will work under the direction and supervision of a physical therapist in an ethical, legal, safe, and effective manner
- The PTA program will prepare graduates to demonstrate entry-level critical thinking skills to effectively address patient care situations and to adapt to the rapidly changing challenges in healthcare and physical therapist assistant responsibilities

### Program Level Goals

- The PTA program will educate the students in cultural diversity, effective communication and professional behaviors
- The PTA education program will facilitate participation in community service and lifelong learning activities
- The PTA Program will provide a contemporary, comprehensive and evidence-based curriculum appropriate for an entry level physical therapist assistant

### Program Faculty Level Goals

- The PTA faculty will engage in on-going professional development related to enhancing knowledge of contemporary physical therapy practice, pedagogy, and service

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASPTA.06.1

**Effective Start Date**
Jan 1, 2021

**Outcome Statement**
The PTA faculty will engage in on-going professional development related to enhancing knowledge of contemporary physical therapy practice, pedagogy, and service.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASPTA.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
The PTA program will prepare graduates for entry-level practice as physical therapist assistants who will work under the direction and supervision of a physical therapist in an ethical, legal, safe, and effective manner.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASPTA.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
The PTA program will prepare graduates to demonstrate entry level critical thinking skills to effectively address patient care situations and to adapt to the rapidly changing challenges in healthcare and physical therapist assistant responsibilities.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASPTA.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
The PTA program will educate the students in cultural diversity, effective communication and professional behaviors.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASPTA.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
The PTA education program will facilitate participation in community service and lifelong learning activities.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASPTA.05.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
The PTA Program will provide a contemporary, comprehensive and evidence-based curriculum appropriate for an entry level physical therapist assistant.

For additional information about the program link to: http://www.ecpi.edu/medical/program/physical-therapy-associate-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 1.5 years, through our year-round schedule, students can earn an Associate of Applied Science in Physical Therapist Assistant.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Associate of Applied Science in Physical Therapist Assistant, students must earn 73 semester credit hours. The program requires a minimum of 5 semesters, which is equivalent to 18 months or 75 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

50 Semester credit hours

**Complete ALL of the following Courses:**

- PTA101 - Professional Issues for the Physical Therapist Ass
- PTA105 - Musculoskeletal
- PTA108 - Pathology for the Physical Therapist Assistant
- PTA111 - Introduction to Physical Therapy
- PTA120 - Kinesiology for the Physical Therapist Assistant
- PTA135 - Rehabilitation I: Assessment
- PTA136 - Rehabilitation II: Therapeutic Modalities
- PTA139 - Rehabilitation III: Therapeutic Exercise
- PTA145 - Medical and Surgical Conditions I
- PTA146 - Medical and Surgical Conditions II
- PTA206 - Neurological Rehabilitation
- PTA208 - Rehabilitation IV: Devices
- PTA210 - Motor Development and Aging

- PTA255 - Clinical Education Experience I
- PTA256 - Clinical Education Experience II
- PTA257 - Clinical Education Experience III
- PTA258 - Clinical Education Experience IV
- PTA275 - Physical Therapist Assistant Preparatory

**Arts and Sciences Curriculum**

**Type**
Completion Requirement

Arts and Sciences Courses*

20 semester credit hours

**Complete ALL of the following Courses:**

- BIO111 - Anatomy and Physiology with Terminology I
- BIO111L - Anatomy and Physiology with Terminology I Lab
- BIO116 - Anatomy and Physiology with Terminology II
- BIO116L - Anatomy and Physiology with Terminology II Lab
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

3 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation

The Associate of Applied Science for the Physical Therapist Assistant has the following program requirements.

## Program Philosophy

The program for physical therapist assistants is built on a foundation of academic coursework and technical education. Program faculty and staff are strongly committed to providing all students with an exciting, stimulating, and comprehensive learning experience. The program prepares a graduate to provide safe, effective, ethical, and legal care to persons of all ages and diverse backgrounds. The program develops the ability of the student to think independently, to understand fundamental theory, and to develop the skills necessary to become clinical practitioners who are enlightened decision makers.

## Program Purpose

The physical therapy profession is involved in rehabilitation, prevention, health maintenance, and programs that promote health, wellness, and fitness. Physical therapist assistants are essential participants in the healthcare delivery system. The physical therapist assistant functions within the model of patient care through examination, evaluation, and treatment by providing physical therapy interventions and data collection. The physical therapist assistant will progress the rehabilitation process of a patient within the plan of care established by the supervising physical therapist. The physical therapist assistant education is a comprehensive program providing the correct mix of technical training and general education to ensure graduates are able to function effectively as highly skilled professionals within the healthcare system. A variety of instructional methods are utilized in program courses to support the learning style of each student, yet challenge the student to recognize and develop alternative learning styles.

## Program Hours

Students are required to attend classes Monday through Friday 8:00 a.m. to 4:00 p.m. During the clinical education experience the student will be assigned to an off-site facility and follow the schedule as determined by the clinical instructor.

## Locations

Newport News, VA (Health Science), Orlando, FL (Lake Mary), Richmond, VA (Emerywood)

# Surgical Technology (AAS)

## Overview

### College
College of Health Science

### Program CIP Code
51.0909

The Associate of Applied Science in Surgical Technology program is designed to prepare students for a career as a surgical technologist. The program of study will introduce students to the basics of surgical technology and will include a practicum providing the student with a hands-on experience in the operating room. The technology courses will give students additional skills to enhance their advancement in the surgical environment.

The curriculum is also designed to give students a general education knowledge base which will complement their skills in the major subject areas. Additionally, the curriculum is also designed to prepare the student for the surgical technology national certifying examination which will be administered as part of the core curriculum.

The program has entered into a consortium agreement with the University Online campus located at the main campus in Virginia Beach. The agreement enables Arts and Science and Self Integration courses to be delivered asynchronously online. The agreement has zero impact on employment or licensure and there are no additional costs incurred. *This program consists of 1,505 contact hours.*

See also the following additional program information:

- Transferability of Credit > Surgical Technology section

The Surgical Technology programs are accredited by the Accrediting Bureau of Health Education Schools (ABHES) at the following ECPI campuses: Northern Virginia and Richmond, Virginia campuses. This is a programmatic accreditation by ABHES, a recognized accrediting agency for allied health programs including surgical technology. For more information, For more information, visit www.abhes.org.

## About Surgical Technology

An entry level surgical technologist is able to act as a “primary scrub” in a variety of surgical procedures, and he or she can participate in all aspects of the operating room experience.

Requirements include negative drug screen, clear criminal background check, Certified Surgical Technologist (CST) certification preferred; proof of immunizations/ immunity to common communicable diseases (HepB; Td; MMR; Varicella; TB; etc); physical examination and CPR certification.

Students must have good manual dexterity, the ability to lift/push/pull up to 50 pounds, the ability to stand for more than 4 hours, and good eyesight with the ability to distinguish colors.

Graduates are eligible for employment as a surgical technologist in hospital based and ambulatory surgical centers.

## Recommended Certifications

Certification requirements for employment vary from state to state and are required in the state of Virginia. ECPI University provides vouchers allowing students to take certification exams at a greatly reduced cost. The Certified Surgical Technologist (CST) certification is recommended.

## Outcomes

Students who graduate from the Associate of Applied Science in Surgical Technology program will be equipped with the knowledge and skill to assist with basic and advanced surgical procedures. This knowledge will prepare students to perform in major operating rooms, minor surgery, surgical centers, and surgeon‘s offices. Specific program objectives are designed to enable graduates to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
AASST.02.0

### Active?
Yes

### Effective Start Date
Jan 1, 1999

### Outcome Statement
Understand basic surgical anatomy and physiology in the operating room.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASST.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Understand and utilize aseptic technique and sterile barriers.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASST.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Possess entry level knowledge of surgical technology and its place in the modern healthcare delivery system.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASST.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Know the names and uses of all basic and advanced surgical instrumentation.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASST.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Discuss and know the flow of a surgical procedure from start to finish.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASST.07.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate -surgical consciousness.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
AASST.06.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Assure that there are accurate counts of all materials and instruments used in any surgical procedure.

For additional information about the program link to: https://www.ecpi.edu/programs/surgical-technology-associate-degree. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 1.5 years, through our year-round schedule, students can earn an Associate of Applied Science in Surgical Technology.

# Requirements

## Simple Requirements

**Program Requirements**

To receive the Associate of Applied Science in Surgical Technology, students must earn 66 semester credit hours. The program requires a minimum of 5 semesters, which is equivalent to 15 months or 65 weeks of instruction. *Program courses may be offered via Remote Synchronous Delivery (See Remote Synchronous and Hybrid Delivery).*

The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

42 semester credit hours

**Complete ALL of the following Courses:**

- MED104 - Medical Terminology
- SUR101 - Surgical Theory I
- SUR102 - Surgical Theory II
- SUR120 - Surgical Procedures I

- SUR121 - Surgical Procedures II
- SUR122 - Surgical Procedures III
- SUR123 - Surgical Procedures IV
- SUR270 - Surgical Technology Practicum I
- SUR270S - Practicum Seminar I
- SUR271 - Surgical Technology Practicum II
- SUR271S - Practicum Seminar II
- SUR272 - Surgical Technology Practicum III
- SUR272S - Practicum Seminar III
- SUR285 - National Certifying Examination Prep

**Arts and Sciences Requirements**

### Type
Completion Requirement

Arts and Sciences Courses*

18 semester credit hours

**Complete ALL of the following Courses:**

- BIO101 - Human Anatomy and Physiology I
- BIO104 - Human Anatomy and Physiology II
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH120 - College Mathematics
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page. The following courses are available online for Surgical Technical students:* ENG110 College Composition, HUM205 Culture, Thought, and the Human Experience, MTH131 College Algebra, MTH120 College Mathematics, and PSY105 Introduction to Psychology.

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses*

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**All of these self-integration courses are available online for Surgical Technology students.*

The Associate of Applied Science in Surgical Technology has the following program requirements:

## Locations

Manassas, VA (Northern Virginia), Richmond, VA (Emerywood)

# Nursing (ADN)

## Overview

### College
College of Nursing

### Program CIP Code
51.3801

The Associate Degree in Nursing (ADN) program is dedicated to providing education opportunities for qualified students from diverse backgrounds in caring for individuals, families, and communities and for preparing graduates for the entry level practice of nursing in a variety of healthcare settings. A foundation for life-long personal and professional learning is built upon a broad base of liberal arts and sciences, humanities, and nursing theory, to assist students to develop ethically reflective professional nursing skills that will uphold the ideals of today's healthcare delivery system. Through evidence-based clinical decision-making in nursing practice and the development of leadership skills, the entry level professional registered nurse will be educated to serve and benefit a multicultural society across the life span.

For additional information about the program link to: http://www.ecpi.edu/medical/program/registered-nursing-associate-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 1.5 years, through our year round instruction, you can earn an Associate Degree in Nursing.

See also the following additional program information:

- **Admissions Requirements** > Nursing | ADN
- Transferability of Credit > Nursing | ADN section
- Prior Learning Credit
- **Attendance Policy** > Nursing | ADN (includes information on Clinical Phase Absenteeism and Tardiness)
- Clinical Protocol

The associate nursing program at ECPI University at the Newport News, Richmond, Roanoke, Manassas and Virginia Beach campuses located in Virginia and the Greenville South Carolina Campus are accredited by the:

Accreditation Commission for Education in Nursing (ACEN) - 3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326 - (404) 975-5000 - https://www.acenursing.org

The most recent accreditation decision made by the ACEN Board of Commissioners for the associate nursing program is initial accreditation.

View the public information disclosed by the ACEN regarding this program on the ACEN website.

## About Nursing

Registered nurses have many different career options. They can hold various positions including charge nurse, floor nurse, and even some management positions. Registered nurses are also prepared to continue their formal education and prepare for more advanced nursing degrees and certifications.

Typical employment opportunities require a background check, drug screen, drug calculation test, American Heart Association Basic Life Support (BLS) Certification. The individual needs to have the ability to perform the following: execute a full range of motion, utilize fine and gross motor skills, demonstrate physical stamina, and lift 25 pounds.

Available job titles are Registered Nurse and Staff Nurse.

## Recommended Licensure

The Associate Degree in Nursing program is approved by the State Board of Nursing for the state in which the ECPI University campus which the student attends is located. ECPI University provides vouchers allowing students to take licensure exams administered by the student's state's Board of Nursing at a greatly reduced cost. All Associate Degree Nursing graduates must successfully pass the National Council Licensing Exam for Registered Nurses (NCLEX-RN) before being able to practice as a Registered Nurse (RN).

While ECPI University's Associate Degree in Nursing program does not have its own distinct accreditation by a national nursing education body, it is not required for licensure. ECPI University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the associate, baccalaureate, and master's degrees and diplomas. See Accreditation and Approvals, State Licensure, State Nursing Approvals for additional information.

## Student Evaluation

The faculty shall use the objectives of the Program of Nursing as criteria for student evaluation. The student's grades are determined by a combination of written examinations, laboratory competence, and clinical performance.

Nursing ability, attitude, and relationship with others are areas of clinical and laboratory evaluation. The achievement of the student in both theory and clinical performance is evaluated by the faculty at regular intervals and shared with the student. The student progresses to the next term when all prerequisite courses have been satisfactorily completed. Students must achieve an 80 percent average in all nursing or science courses and satisfactorily meet all clinical objectives and laboratory objectives. A final course grade of less than 80 percent or failure to meet clinical or laboratory objectives will result in failure of a course.

## Outcomes

The Associate Degree in Nursing is designed to provide the entry-level nurse with knowledge and experience which will enable the graduate to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ADN.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 2019

**Outcome Statement**
Utilize best practices from healthcare and related disciplines to provide clinically competent, safe and effective care within the framework of the nursing process.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ADN.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 2019

**Outcome Statement**
Provide holistic care to promote, protect, and improve quality and safety outcomes in multicultural, diverse settings.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ADN.06.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 2019

**Outcome Statement**
Integrate information management and technology in the delivery of quality client care.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ADN.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 2019

**Outcome Statement**
Execute the standards of professional nursing practice within legal, ethical, and regulatory frameworks.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ADN.07.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 2019

**Outcome Statement**
Demonstrate effective leadership that reflects sound clinical judgment and accountability for ongoing professional development.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ADN.05.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 2019

**Outcome Statement**
Apply information regarding disease processes to determine appropriate prevention and health promotion strategies to provide quality care.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ADN.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 2019

**Outcome Statement**
Contribute to the interdisciplinary health care team by collaborating effectively in health care settings with individuals, families, and communities across the life span and continuum of healthcare environments.

The Associate Degree in Nursing is equivalent to and at the same degree level as an Associate of Applied Science.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Associate Degree in Nursing, students must earn a minimum of 71 credit hours. The program requires a minimum of 5 semesters, 18 months, or 75 weeks of instruction. **Program requirements vary by state, in accordance with State Boards of Nursing.** The program requirements are as follows:

**Virginia and South Carolina**

**Type**
Completion Requirement

Core Curriculum Requirements

49 semester credit hours

**Complete ALL of the following Courses:**

- NUR119 - Dosage Calculations for Professional Nursing
- NUR138 - Pharmacology
- NUR164 - Concepts of Nursing I
- NUR166 - Concepts of Nursing II
- NUR168 - Concepts of Nursing III
- NUR221 - Pathophysiology
- NUR234 - Mental Health Nursing
- NUR242 - Maternal Newborn Nursing
- NUR243 - Parent Child Nursing
- NUR256 - Medical Surgical Nursing I
- NUR257 - Medical Surgical Nursing II
- NUR258 - Acute Care Nursing
- NUR273 - Dimensions of Professional Nursing
- NUR280 - Nursing Capstone

Arts and Sciences Requirements*

20 semester credit hours

**Complete ALL of the following Courses:**

- BIO111 - Anatomy and Physiology with Terminology I
- BIO111L - Anatomy and Physiology with Terminology I Lab
- BIO116 - Anatomy and Physiology with Terminology II
- BIO116L - Anatomy and Physiology with Terminology II Lab
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

Self-Integration Requirements

2 semester credit hours

**Complete ALL of the following Courses:**

- COR101 - Freshman Orientation
- COR195 - Study Skills

**North Carolina**

**Type**
Completion Requirement

Core Curriculum Requirements

49 semester credit hours

**Complete ALL of the following Courses:**

- NUR119 - Dosage Calculations for Professional Nursing
- NUR138 - Pharmacology
- NUR164 - Concepts of Nursing I
- NUR166 - Concepts of Nursing II
- NUR168 - Concepts of Nursing III
- NUR221 - Pathophysiology
- NUR234 - Mental Health Nursing
- NUR242 - Maternal Newborn Nursing
- NUR243 - Parent Child Nursing
- NUR256 - Medical Surgical Nursing I
- NUR257 - Medical Surgical Nursing II
- NUR258 - Acute Care Nursing
- NUR274 - Dimensions of Professional Nursing I
- NUR281 - Dimensions of Professional Nursing II

Arts and Sciences Requirement*

20 semester credit hours

**Complete ALL of the following Courses:**

- BIO111 - Anatomy and Physiology with Terminology I
- BIO111L - Anatomy and Physiology with Terminology I Lab
- BIO116 - Anatomy and Physiology with Terminology II
- BIO116L - Anatomy and Physiology with Terminology II Lab
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- PSY105 - Introduction to Psychology

**For allowable substitutions or arts sciences courses, see the Arts & Sciences Department page.*

Self-Integration Requirements

2 semester credit hours

**Complete ALL of the following Courses:**

- COR101 - Freshman Orientation
- COR195 - Study Skills

**Florida**

### Type

Completion Requirement

Core Curriculum Requirements

50 semester credit hours

**Complete ALL of the following Courses:**

- NUR119 - Dosage Calculations for Professional Nursing
- NUR138 - Pharmacology
- NUR164 - Concepts of Nursing I
- NUR166 - Concepts of Nursing II
- NUR168 - Concepts of Nursing III
- NUR221 - Pathophysiology
- NUR234 - Mental Health Nursing
- NUR242 - Maternal Newborn Nursing
- NUR243 - Parent Child Nursing
- NUR256 - Medical Surgical Nursing I
- NUR257 - Medical Surgical Nursing II
- NUR258 - Acute Care Nursing
- NUR273 - Dimensions of Professional Nursing
- NUR282 - Nursing Capstone

Arts and Sciences Requirements*

20 semester credit hours

**Complete ALL of the following Courses:**

- BIO111 - Anatomy and Physiology with Terminology I
- BIO111L - Anatomy and Physiology with Terminology I Lab
- BIO116 - Anatomy and Physiology with Terminology II
- BIO116L - Anatomy and Physiology with Terminology II Lab
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

Self-Integration Requirements

2 semester credit hours

**Complete ALL of the following Courses:**

- COR101 - Freshman Orientation
- COR195 - Study Skills

**Texas**

### Type

Completion Requirement

Core Curriculum Requirements

49 semester credit hours

**Complete ALL of the following Courses:**

- NUR119 - Dosage Calculations for Professional Nursing
- NUR138 - Pharmacology
- NUR164 - Concepts of Nursing I
- NUR166 - Concepts of Nursing II
- NUR168 - Concepts of Nursing III
- NUR221 - Pathophysiology
- NUR234 - Mental Health Nursing
- NUR242 - Maternal Newborn Nursing
- NUR243 - Parent Child Nursing
- NUR256 - Medical Surgical Nursing I
- NUR257 - Medical Surgical Nursing II
- NUR258 - Acute Care Nursing
- NUR273 - Dimensions of Professional Nursing
- NUR283 - Nursing Capstone

Arts and Sciences Requirements*

20 semester credit hours

**Complete ALL of the following Courses:**

- BIO111 - Anatomy and Physiology with Terminology I
- BIO111L - Anatomy and Physiology with Terminology I Lab
- BIO116 - Anatomy and Physiology with Terminology II
- BIO116L - Anatomy and Physiology with Terminology II Lab
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts and Sciences Department page.*

Self-Integration Requirements

2 semester credits

**Complete ALL of the following Courses:**

- COR101 - Freshman Orientation
- COR195 - Study Skills

The Associate Degree in Nursing has the following program requirements.

## Program Philosophy

The Nursing Department believes that each individual is a unique person having dignity and worth. Individuals, as members of the family and the community, are shaped by cultural, physiological, psychosocial, spiritual, and developmental forces. The family and the community influence early beliefs and values of individuals, and in turn individuals contribute to the effective functioning of the family and community.

We believe that Nursing is both an art and a science grounded in a social context and related to experiences with people in need. It is based on a specific body of nursing theory and principles from behavioral and social sciences. Nursing is an interpersonal process and involves the application of knowledge, technical and collaborative skills, critical thinking, and creative problem-solving. The focus of nursing is on individuals, families, or client groups. By using the nursing process, nurses promote, maintain and restore clients' health as well as provide compassionate care to the dying. As healthcare providers, nurses engage in a collaborative practice that focuses on outcomes and adheres to practice guidelines that ensure quality and access.

We believe that professional values and value-based interventions are fundamental to nursing education. As the basis for professional nursing practice, values and value-based actions may be viewed as ethically reflective practice that the nursing student uses to interact with patients, healthcare professionals, and society.

We believe that teaching/learning is a life-long interactive process through which active inquiry and participation result in a change in behavior. The teaching/learning process is facilitated when the learner and teacher share responsibility for outcomes. Learning is facilitated when content is presented in an orderly sequential manner, i.e. simple to complex, known to unknown, normal to abnormal, general to specific.

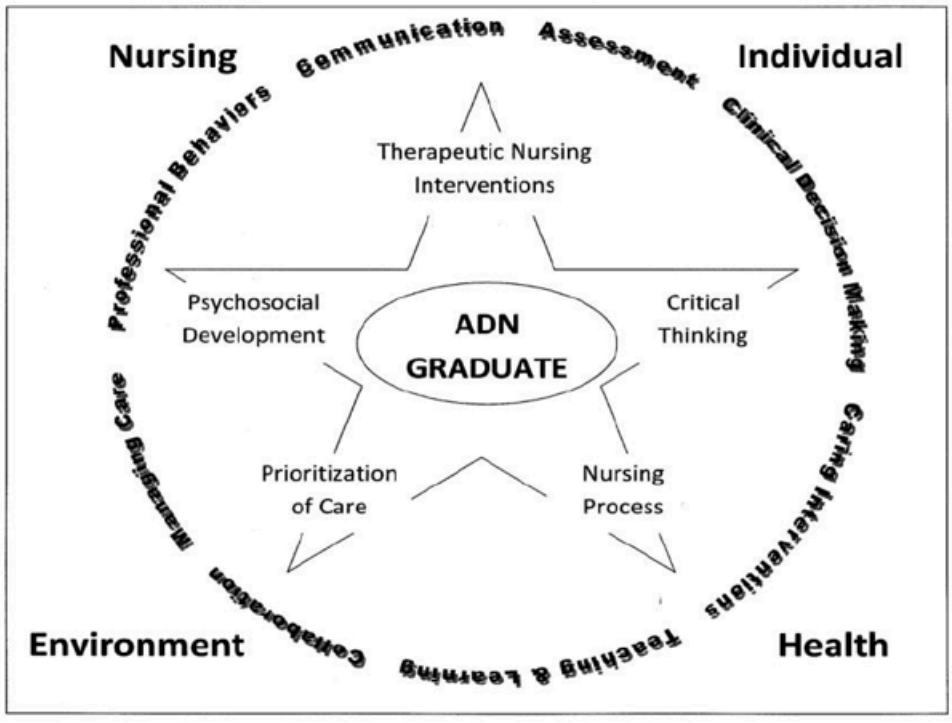
We believe that critical thinking, clinical competence, accountability, and a commitment to the value of caring is necessary to maintain or restore clients their optimum state of health and to provide the support which allows death with dignity. As the provider of care, the nurse's commitment to client/family-centered care will facilitate successful preparation for practice in various healthcare settings where policies and procedures are specified and guidance is available.

We believe it is essential that the nurse have current knowledge in nursing concepts, principles, processes, and skills. Supportive of that knowledge is an understanding of health, acute and chronic health deviations, nutrition, pharmacology, communication, human development, teaching/learning principles, current technology, humanities, and biological, social, and behavioral sciences.

We believe the nurse is the manager of care in various healthcare settings where policies and procedures are specified and guidance is available. To be competent in the role as a manager of care, the nurse must possess the knowledge and skills necessary to make decisions regarding priorities of care, to delegate some aspects of nursing care, direct others to use time and resources efficiently, and to know when to seek assistance. Supporting this knowledge is an understanding of the principles of client-care management, communication, and delegation, legal parameters of nursing practice, and roles and responsibilities of members of the healthcare team.

We believe that the entry level practice of a graduate from the Associate Degree in Nursing program is characterized by collaboration, organization, delegation, accountability, advocacy, and respect for other healthcare workers. As a coordinator of care, the entry level registered nurse demonstrates caring and compassion and provides and coordinates holistic nursing care for groups of clients who have healthcare needs.

### Conceptual Framework



## Program Purpose

The nursing program offers potential candidates the opportunity to complete an Associate Degree in Nursing. The program is designed for the purpose of providing additional opportunities for those interested in obtaining a license and practicing as a registered nurse. The Nursing program prepares graduates to provide direct client care in a safe, effective manner across multiple settings.

The ADN education in Nursing equips nursing students with the knowledge and skills prerequisite to begin professional practice in the care, counseling, and education of multicultural healthcare consumers in a variety of settings. The Nursing Program will graduate a competent entry-level professional nurse workforce for providers of healthcare in local, statewide, and national communities. ECPI sees this opportunity as one that will positively impact the local shortage of registered nurses and support the healthcare community in hiring qualified candidates to work in their facilities.

## Program Hours

| | |
|---|---|
| **Day** | Class hours may vary from 4 – 5 days per week from 8:00 AM to 5:00 PM depending on course requirements. Clinical hours may include day, evening or weekend hours depending on the clinical site and course requirements. |
| **Evenings** | Class hours may vary from 4 – 5 evenings per week from 5:30 PM to 10:30 PM and 8:00 AM to 4:30 PM on weekends. Clinical hours may include evening or weekend hours depending on the clinical site and course requirements. Occasional day clinical rotations may be required. |
| **Preceptorship Hours:** | Clinical hours are scheduled to meet the staffing schedule of the Professional Nurse assigned and may include day, night or weekend hours. Schedules may vary by course and instructor. 12 hour clinical shifts may be required as needed. |

## Locations

Virginia Beach, VA (Health Science), Charleston, SC, Charlotte, NC, Columbia, SC, Greenville, SC, Manassas, VA (Northern Virginia), Newport News, VA (Health Science), Raleigh, NC, Richmond, VA (Emerywood), Roanoke, VA, San Antonio, TX, Orlando, FL (Lake Mary)

# Computer-Aided Drafting and Design (AS)

## Overview

### College
College of Technology

### Program CIP Code
15.1302

The Associate of Science in Computer-Aided Drafting and Design program focuses on real-world application of engineering principles. Students in the Associate of Science in Computer-Aided Drafting and Design program will take a hands-on approach, utilizing a variety of drafting software and tools to create drawings in support of engineering projects. The program focuses on needed skills and competencies to develop the ability for the creation of two- and three-dimensional drawings, models, and designs for various engineering fields such as mechanical, electrical, architectural, and civil. Through a capstone experience, students will develop an effective solution to a problem statement related to engineering systems utilizing acquired skills in computer-aided drafting and design.

## About Computer-Aided Drafting and Design

The Computer-Aided Drafting and Design program prepares students for design and drafting careers supporting the various engineering fields such as mechanical, electrical, architectural, and civil. Graduates will apply acquired skills in computer drafting software to create engineering designs and models in support of engineering projects. Designers work with engineers to develop a comprehensive design documentation for engineering projects to include, graphical presentations, animations, prototypes and analysis of relevant parts. As an integral part of the design team, graduates play a vital role in the various stages of the design process from the conception to the final design production.

Certain positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

The curriculum provides graduates with the education and foundation needed for employment in a variety of industries in the private and public sector, including the automotive industry, aerospace industry, automation and manufacturing, architectural and civil firms. Computer-Aided Drafting and Design graduates are employed in a wide spectrum of areas, in positions such as CAD Designer, CAD Technician, Mechanical Drafter, Mechanical Designer, and Technical Illustrator.

## Program Objectives

Graduates of the Associate of Science in Computer-Aided Drafting and Design program are expected to attain the following objectives within a few years of graduation:

- Apply acquired technical and analytical skills as it relates to their professional positions in electrical, mechanical, architectural, civil, and related industries.
- Develop engineering drawings, models and designs as applied to various engineering fields.
- Pursue lifelong learning and successful professional careers.
- Perform as effective team members through adequate oral and written communication skills.
- Relate and exercise an educated judgment in regard to their professional and ethical responsibilities.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Available certifications for this program include AutoCAD Certified User and Inventor Certified User.

## Outcomes

Students in the Associate of Science in Computer-Aided Drafting and Design program learn to use drafting software to create and visualize design concepts for product manufacturing, architectural designs, and civil infrastructure planning. They are able to apply acquired skills in design and drafting to analyze and prototype designs.

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
ASCAD.04.0

### Effective Start Term
202512 E

### Effective Start Date
Dec 15, 2025

### Outcome Statement
Function effectively as a member or leader on a technical team.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASCAD.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply written, oral, and graphical communication in both technical and non-technical environments.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASCAD.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Select and apply the knowledge, techniques, skills, and modern tools of the drafting discipline to a variety of engineering fields.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASCAD.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Perform relevant analysis on parts and assemblies by applying tools within CAD software.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASCAD.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Create digital and physical prototypes using software tools and rapid prototyping technologies.

For additional information about the program link to: http://www.ecpi.edu/technology/program/electronics-engineering-associate-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 1.5 years, through a year-round schedule, students can earn an Associate of Science in Computer-Aided Drafting and Design.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Associate of Science in Computer-Aided Drafting and Design, students must earn 63 semester credits. The program requires a minimum of four semesters, which is equivalent to 13 months or 55 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

28 semester credit hours

**Complete ALL of the following Courses:**

- CAD104 - Rapid Prototyping and 3D Printing
- CAD106 - Civil CAD Design
- CAD108 - Architectural CAD Design
- CAD110 - Building Information Management (BIM)
- CAD112 - AutoCAD Electrical
- MET191 - Materials Science
- MET192 - Graphics Communication
- MET192L - Introduction to 3-D Modeling LAB
- MET211 - Statics
- MET213 - Advanced 3D Modeling

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses

19 semester credit hours

**Fulfill ALL of the following requirements:**

**Complete ALL of the following Courses:**

- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH200 - Pre-calculus
- PHY120 - Physics
- PHY120L - Physics Lab

**AND**

**Complete at least 1 of the following courses:**

- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Intergration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

7 semester credit hours

**Complete ALL of the following Courses:**

- COR191 - Career Orientation
- CST140 - Introduction to Operating Systems
- FOR110 - Essentials for Success

**Elective Requirements**

**Type**
Completion Requirement

Elective Courses

9 semester credit hours

*Students must meet all pre-requisite requirements for their chosen electives.*

**Complete ANY of the following Courses:**

- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business
- EET113 - DC and AC Circuits
- EET200 - Externship-EET III
- EET223 - Electronic Devices and Operational Amplifiers
- ET210 - Capstone Project
- ET210L - Capstone Project Lab
- MET114 - Introduction to Geometric Dimensioning and Tolerancing (GD and T)
- MET221 - Manufacturing Processes
- MET230 - Hydraulics and Pneumatics Systems
- MET230L - Hydraulics and Pneumatics Systems Lab
- MTH220 - Applied Calculus I

**Additional business and management coursework that supports engineering technology practice may be approved for elective credit, subject to departmental review for relevance to program outcomes.*

The Associate's in Science in Computer-Aided Drafting in Design has the following program requirements:

## Locations

Virginia Beach, VA (Main), Newport News, VA

# Electronics Engineering Technology (AS) | Electronics Engineering Technology Concentration

## Overview

### College
College of Technology

### Program CIP Code
15.1202

Electronics Engineering Technicians install, maintain and repair electrical and electronic equipment. They also assist in the development, testing, production, and quality assurance of equipment and components such as: circuit boards, wireless phones, PDAs, medical equipment, and control systems. Skills in the Mechatronics field can be applied in various areas including maintenance and repair, installation, quality assurance, and research and development.

Students in the Electronics Engineering Technology concentration learn about subjects such as fiber optics, analog and digital electronics, control systems, and network technologies. They are able to use test equipment to troubleshoot, maintain, and repair electronic systems, as well as computer and network technologies.

The Electronics Engineering curriculum provides the education and foundation needed for employment in a variety of related industries in both the private and public sector including: automation and manufacturing, aerospace, automotive, and computer industries.

## About Electronics Engineering Technology

Electronic Engineering Technicians install, maintain, and repair electrical and electronic equipment. They assist engineers in the development, testing, production, and quality assurance of equipment and components such as circuit boards, wireless phones, medical equipment, and control systems. Electronics Engineering Technicians are needed in many industries and can find employment in work environments where electronics are used extensively.

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

Some entry-level job titles for an Applied Science in Electronics Engineering Technology graduate include: Medical Equipment Repairer and Installer, Biomedical Equipment Technician, Biomedical Support Technician, Electronics Technician, Computer Engineering Technician, Computer Support Specialist, Electrical/Electronic Engineering Technician, Field Service Technician, and Technical Salesperson.

Graduates of the Applied Science in Electronics Engineering Technology degree program may choose to continue their education by pursuing a Bachelor of Science in Electronics Engineering Technology degree.

## Program Objectives

Students in the Associate of Applied Science in Electronics Engineering Technology program learn to apply technical and analytical skills in electrical, electronics, and related industry to solve engineering problems and maintain equipment and facilities. They apply mathematical science and engineering principles to solve technical problems, implement complex hardware and software systems, and perform teamwork in engineering projects.

Graduates of the Applied Science in Electronics Engineering Technology program are expected to attain the following objectives within a few years of graduation:

- Apply acquired technical and analytical skills as it relates to their professional positions in electrical, electronic, and related industries
- Apply relative mathematical, science, and engineering methods to solve technical problems
- Analyze and implement complex systems including both hardware and software
- Pursue lifelong learning and successful professional careers
- Perform as effective team members through adequate oral and written communication skills
- Relate and exercise an educated judgment in regards to their professional and ethical responsibilities

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Available certifications for this program include Fiber Optics Installer (FOI), Fiber Optics Technician (FOT), A+ Certification, Network+ Certification, Security+ Certification, GMDSS - Global Maritime Distress and Safety System Maintainer License, GROL - General Radiotelephone Operator's License, and Associate CET.

## Outcomes

Graduates of the A.S. EET Electronics Engineering concentration will use interactive hands-on education in technology to achieve the following outcomes:

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
ASEET-EET.01.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Use testing and measuring instruments to acquire and analyze data.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.05.1

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Perform as an effective team member.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
ASEET-EET.02.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Implement a system or a process containing hardware and software components.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.04.1

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Communicate ideas effectively and clearly in oral and written formats.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.01.1

**Active?**
Yes

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Analyze the operation of electrical and electronic devices and instruments.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Use appropriate tools to acquire, analyze data, and interpret testing results to solve technical problems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Implement various systems containing hardware and/or software components.

For additional information about the program link to: http://www.ecpi.edu/technology/program/electronics-engineering-associate-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services, which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 1.5 years, through a year-round schedule, students can earn an Associate of Science in Electronics Engineering Technology.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Associate of Science in Electronics Engineering Technology, students must earn 76 semester credit hours. The program requires a minimum of 5 semesters, which is equivalent to 18 months or 75 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

25 semester credit hours

**Fulfill ALL of the following requirements:**

Course Categories

**Fulfill ALL of the following requirements:**

ELECTRICITY

**Complete ALL of the following Courses:**

- EET110 - Electric Circuits I

AND

**AND**

Complete one lecture and corresponding lab from the following:

**Earn at least 4 credits from the following:**

- ESET111 - Electric Circuits II
- ESET111L - Electric Circuits II Lab

**AND**

ANALOG ELECTRONICS

**Complete ALL of the following Courses:**

- EET120 - Semiconductor Devices
- EET121 - Electronic Systems Applications

**AND**

DIGITAL ELECTRONICS

**Complete ALL of the following Courses:**

- EET130 - Digital Systems I
- EET230 - Digital Systems II

**AND**

NETWORKING

**Complete ALL of the following Courses:**

- CST160 - Introduction to Networking

**AND**

PROGRAMMING

**Complete ALL of the following Courses:**

- SDC100 - Introduction to Programming

**Arts and Sciences Requirements**

## Type

Completion Requirement

Arts and Sciences Courses*

19 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- COM115 - Principles of Communication
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience

- MTH131 - College Algebra
- PHY120 - Physics
- PHY120L - Physics Lab

**AND**

AND

**Complete at least 1 of the following courses:**

- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type

Completion Requirement

Self-Integration Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- CST120 - Computer Configuration I
- COR191 - Career Orientation
- ET102 - Engineering Math and Software Applications
- FOR110 - Essentials for Success

**Electronics Engineering Technology Concentration Courses**

### Type

Completion Requirement

Concentration Courses

13 semester credit hours

**Complete ALL of the following Courses:**

- EET220 - Industrial Applications
- EET221L - Instrumentation and Measurement Lab
- EET230L - Digital Systems Lab
- EET231 - Introduction to Programmable Logic Controllers
- EET231L - Introduction to Programmable Logic Controllers Lab
- EET233 - Robotics and Smart Manufacturing (SM)
- EET233L - Robotics and Smart Manufacturing (SM) Lab

**Elective Requirements**

### Type

Completion Requirement

Elective Courses

9 semester credit hours

*Students must meet all pre-requisite requirements for their chosen electives.*

**Fulfill ANY of the following requirements:**

BUSINESS

**Complete ANY of the following Courses:**

- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business
- BUS242 - Emerging Technologies and World of AI

**Additional business and management coursework that supports engineering technology practice may be approved for elective credit, subject to departmental review for relevance to program outcomes.*

**OR**

CADD

**Complete ANY of the following Courses:**

- CAD104 - Rapid Prototyping and 3D Printing
- CAD106 - Civil CAD Design
- CAD108 - Architectural CAD Design
- CAD110 - Building Information Management (BIM)
- CAD112 - AutoCAD Electrical

**OR**

INFORMATION SYSTEMS

**Complete ANY of the following Courses:**

- CST140 - Introduction to Operating Systems
- CYB120 - Introduction to Python Programming
- CYB200 - Network Protocols and Services

**OR**

MATH

**Complete ANY of the following Courses:**

- MTH200 - Pre-calculus
- MTH220 - Applied Calculus I

**OR**

MECHANICAL

**Complete ANY of the following Courses:**

- MET114 - Introduction to Geometric Dimensioning and Tolerancing (GD and T)
- MET213 - Advanced 3D Modeling
- MET221 - Manufacturing Processes
- MET222 - Mechanical Drives and Power Transmission
- MET230L - Hydraulics and Pneumatics Systems Lab
- MET232 - Pumps

**OR**

PROJECT

**Complete ANY of the following Courses:**

- ET210 - Capstone Project
- ET210L - Capstone Project Lab

**OR**

EXTERNSHIP

**Complete ANY of the following Courses:**

- EET200 - Externship-EET III
- EET203 - Externship-EET I-a
- EET204 - Externship-EET I-b
- EET205 - Externship-EET I-c

**OR**

ELECTRONICS

**Complete ANY of the following Courses:**

- EET220 - Industrial Applications
- EET231 - Introduction to Programmable Logic Controllers
- EET272 - Fiber Optics Communication
- EET272L - Fiber Optics Communication LAB
- EET280 - Introduction to Communication Systems
- ESET280 - Introduction to Communication Systems

The Associate of Science in Electronics Engineering Technology | Electronics Engineering Technology concentration has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Charlotte, NC, Greensboro, NC, Manassas, VA (Northern Virginia), Newport News, VA, Orlando, FL (Lake Mary), Raleigh, NC, Richmond, VA (Glen Allen), San Antonio, TX, Atlanta, GA

# Electronics Engineering Technology (AS) | Mechatronics Concentration

## Overview

### College
College of Technology

### Program CIP Code
15.0406

Electronics Engineering Technicians install, maintain and repair electrical and electronic equipment. They also assist in the development, testing, production, and quality assurance of equipment and components such as: circuit boards, wireless phones, PDAs, medical equipment, and control systems. Skills in the Mechatronics field can be applied in various areas including maintenance and repair, installation, quality assurance, and research and development.

Students in the Mechatronics concentration will focus on core areas such as programmable controllers, hydraulics and pneumatics, testing and measuring instruments, materials science, automation and control systems, and computer programming and networks.

The Mechatronics concentration will offer you the chance to work with and troubleshoot programmable logic controllers, and integrated systems; learn by doing while grasping a firm theoretical foundation in electronics; and put into practice your acquired knowledge through several hands-on projects.

### About Electronics Engineering Technology

Mechatronics Technicians play a critical role in advanced manufacturing. Through their combined skills in mechanical, electrical, and electronics circuits, they are able to troubleshoot, repair, and maintain computer-controlled mechanical systems.

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

Some entry-level job titles for an Applied Science in Electronics Engineering Technology graduate with a Mechatronics concentration include: Automation Technician, Control Systems Technician, Electro-Mechanic, Electro-Mechanical Technician (E/M Technician), Electro-Mechanical Equipment Tester, Electronic Instrument Technician, Electronic Technician, and a combination of these titles.

Graduates of the Applied Science in Electronics Engineering Technology degree program may choose to continue their education by pursuing a Bachelor of Science in Electronics Engineering Technology degree.

### Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Available certifications for this program include Fiber Optics Installer (FOI), Fiber Optics Technician (FOT), A+ Certification, Network+ Certification, Security+ Certification, GMDSS - Global Maritime Distress and Safety System Maintainer License, GROL - General Radiotelephone Operator's License, and Associate CET.

## Outcomes

Upon completion of the Associate of Science in Electronics Engineering Technology | Mechatronics Concentration program, graduates will be able to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.05.1

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Perform as an effective team member.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.04.1

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Communicate ideas effectively and clearly in oral and written formats.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
ASEET-M.02.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Implement hydraulic and pneumatic systems.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
ASEET-M.01.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Create 2D and 3D designs for engineering parts using CAD software.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.01.1

**Active?**
Yes

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Analyze the operation of electrical and electronic devices and instruments.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Use appropriate tools to acquire, analyze data, and interpret testing results to solve technical problems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASEET.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Implement various systems containing hardware and/or software components.

For additional information about the program link to: http://www.ecpi.edu/technology/program/electronics-engineering-associate-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services, which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 1.5 years, through a year-round schedule, students can earn an Associate of Science in Electronics Engineering Technology.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Associate of Science in Electronics Engineering Technology Mechatronics Concentration, students must earn 76 semester credit hours. The program requires a minimum of 5 semesters, which is equivalent to 18 months or 75 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

25 semester credit hours

**Fulfill ALL of the following requirements:**

Course Categories

**Fulfill ALL of the following requirements:**

ELECRICITY

**Complete ALL of the following Courses:**

- EET110 - Electric Circuits I

**AND**

Complete one lecture and corresponding lab from the following:

**Earn at least 4 credits from the following:**

- ESET111 - Electric Circuits II
- ESET111L - Electric Circuits II Lab

**AND**

ANALOG ELECTRONICS

**Complete ALL of the following Courses:**

- EET120 - Semiconductor Devices
- EET121 - Electronic Systems Applications

AND

DIGITAL ELECTRONICS

**Complete ALL of the following Courses:**

- EET130 - Digital Systems I
- EET230 - Digital Systems II

AND

NETWORKING

**Complete ALL of the following Courses:**

- CST160 - Introduction to Networking

AND

PROGRAMMING

**Complete ALL of the following Courses:**

- SDC100 - Introduction to Programming

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

19 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- COM115 - Principles of Communication
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- PHY120 - Physics
- PHY120L - Physics Lab

AND

AND

**Complete at least 1 of the following courses:**

- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- CST120 - Computer Configuration I
- COR191 - Career Orientation

- ET102 - Engineering Math and Software Applications
- FOR110 - Essentials for Success

**Mechatronics Concentration Requirements**

**Type**
Completion Requirement

Concentration Courses

13 semester credit hours

**Complete ALL of the following Courses:**
- MET191 - Materials Science
- MET192 - Graphics Communication
- MET192L - Introduction to 3-D Modeling LAB
- MET211 - Statics
- MET230 - Hydraulics and Pneumatics Systems

**Elective Requirements**

**Type**
Completion Requirement

Elective Courses

9 semester credit hours

*Students must meet all pre-requisite requirements for their chosen electives.*

**Fulfill ANY of the following requirements:**

BUSINESS

**Complete ANY of the following Courses:**
- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business
- BUS242 - Emerging Technologies and World of AI

**Additional business and management coursework that supports engineering technology practice may be approved for elective credit, subject to departmental review for relevance to program outcomes.*

**OR**

CADD

**Complete ANY of the following Courses:**
- CAD104 - Rapid Prototyping and 3D Printing
- CAD106 - Civil CAD Design
- CAD108 - Architectural CAD Design
- CAD110 - Building Information Management (BIM)
- CAD112 - AutoCAD Electrical

**OR**

INFORMATION SYSTEMS

**Complete ANY of the following Courses:**
- CST140 - Introduction to Operating Systems
- CYB120 - Introduction to Python Programming
- CYB200 - Network Protocols and Services

**OR**

MATH

**Complete ANY of the following Courses:**

- MTH200 - Pre-calculus
- MTH220 - Applied Calculus I

**OR**

MECHANICAL

**Complete ANY of the following Courses:**

- MET114 - Introduction to Geometric Dimensioning and Tolerancing (GD and T)
- MET213 - Advanced 3D Modeling
- MET221 - Manufacturing Processes
- MET222 - Mechanical Drives and Power Transmission
- MET230L - Hydraulics and Pneumatics Systems Lab
- MET232 - Pumps

**OR**

PROJECT

**Complete ANY of the following Courses:**

- ET210 - Capstone Project
- ET210L - Capstone Project Lab

**OR**

EXTERNSHIP

**Complete ANY of the following Courses:**

- EET200 - Externship-EET III
- EET203 - Externship-EET I-a
- EET204 - Externship-EET I-b
- EET205 - Externship-EET I-c

**OR**

ELECTRONICS

**Complete ANY of the following Courses:**

- EET220 - Industrial Applications
- EET231 - Introduction to Programmable Logic Controllers
- EET272 - Fiber Optics Communication
- EET272L - Fiber Optics Communication LAB
- EET280 - Introduction to Communication Systems
- ESET280 - Introduction to Communication Systems

The Associate of Science in Electronics Engineering Technology | Mechatronics concentration has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Manassas, VA (Northern Virginia), Newport News, VA, Orlando, FL (Lake Mary), San Antonio, TX, Atlanta, GA

# Mechanical Engineering Technology (AS)

## Overview

### College
College of Technology

### Program CIP Code
15.0805

The Associate of Science in Mechanical Engineering Technology program is a hands-on career in testing, manufacturing, operations, maintenance and technical support. Students will be taught skills that support industries such as Product Design and Fabrication, and Manufacturing and Systems Control.

## About Mechanical Engineering Technology

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

Some entry-level job titles for an Associate of Science in Mechanical Engineering Technology graduate include manufacturing technician, mechanical engineering technician, drafting and computer graphics technician, industrial technician, or plant maintenance technician.

Graduates of the Associate of Science in Mechanical Engineering Technology degree program may choose to continue their education by pursuing a Bachelor of Science in Mechanical Engineering Technology degree.

## Program Objectives

Students in the Associate of Science in Mechanical Engineering Technology program learn to apply technical and analytical skills in mechanical engineering technology to solve engineering problems, maintain equipment and facilities. They apply mathematical, science and engineering principles to solve technical problems, troubleshoot and maintain mechanical systems, and perform team work in engineering projects.

## Recommended Certifications

Certifications are not required for completion of this program but are encouraged. ECPI University provides vouchers allowing students to take certification exams at a greatly reduced cost.

## Outcomes

Students in the Associate of Science in Mechanical Engineering Technology degree focus on problem solving and real-world application of applied engineering sciences and technology. Mechanical engineering technicians are real problem solvers with responsibilities ranging from those of a support technician to plant manager.

Upon successful completion of the program, graduates will be able to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
ASMET.04.0

### Active?
Yes

### Effective Start Date
Jan 1, 1999

### Outcome Statement
Incorporating quality, aptness, and continuous improvement in expertise and professional behavior.

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
ASMET.03.0

### Active?
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Functioning effectively on a team in the preparation of reports and presentations.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASMET.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Conducting, analyzing and interpreting experiments and applying experimental results to improve mechanical processes.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
ASMET.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Acquiring knowledge, techniques, skills with modern tools of Mechanical Engineering Technology.

For additional information about the program link to: http://www.ecpi.edu/programs/mechanical-engineering-technology-associate-degree. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 1.5 years, through our year-round schedule, you can earn an Associate of Science in Mechanical Engineering Technology.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Associate of Science in Mechanical Engineering Technology, students must earn 76 semester credit hours. The program requires a minimum of 5 semesters, which is equivalent to 19 months or 75 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

35 semester credit hours

**Complete ALL of the following Courses:**

- EET113 - DC and AC Circuits
- EET223 - Electronic Devices and Operational Amplifiers
- MET114 - Introduction to Geometric Dimensioning and Tolerancing (GD and T)
- MET191 - Materials Science
- MET192 - Graphics Communication
- MET192L - Introduction to 3-D Modeling LAB
- MET211 - Statics
- MET213 - Advanced 3D Modeling
- MET221 - Manufacturing Processes
- MET223 - Applied Machine Tools
- MET224 - CNC Machines Operation
- MET230 - Hydraulics and Pneumatics Systems
- MET230L - Hydraulics and Pneumatics Systems Lab

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

22 semester credit hours

**Fulfill ALL of the following requirements:**

**Complete ALL of the following Courses:**
- COM115 - Principles of Communication
- ENG110 - College Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH200 - Pre-calculus
- PHY120 - Physics
- PHY120L - Physics Lab

**AND**

AND

**Complete at least 1 of the following courses:**
- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts and Sciences department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

10 semester credit hours

**Complete ALL of the following Courses:**
- COR191 - Career Orientation
- CST120 - Computer Configuration I
- ET102 - Engineering Math and Software Applications
- FOR110 - Essentials for Success

**Elective Requirements**

**Type**
Completion Requirement

Elective Courses

9 semester credit hours

*Students must meet all pre-requisite requirements for their chosen electives.*

**Fulfill ANY of the following requirements:**

BUSINESS

**Complete ANY of the following Courses:**

- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business

**Additional business and management coursework that supports engineering technology practice may be approved for elective credit, subject to departmental review for relevance to program outcomes.*

**OR**

ELECTRONICS

**Complete ANY of the following Courses:**

- EET130 - Digital Systems I
- EET207 - Applied Engineering Programming
- EET220 - Industrial Applications
- EET231 - Introduction to Programmable Logic Controllers
- EET233 - Robotics and Smart Manufacturing (SM)
- EET233L - Robotics and Smart Manufacturing (SM) Lab

**OR**

EXTERNSHIP

**Complete ANY of the following Courses:**

- EET200 - Externship-EET III

*Externships are opportunities for students to gain mentored, practical experience in a "real-world" job setting. Students are encouraged to complete an externship course. Career opportunities may be greatly enhanced for graduates who complete an externship. Each student will be assisted by Career Services in finding a suitable externship opportunity.*

**OR**

MECHANICAL

**Complete ANY of the following Courses:**

- MET222 - Mechanical Drives and Power Transmission
- MET232 - Pumps

**OR**

PROJECT

**Complete ANY of the following Courses:**

- ET210 - Capstone Project
- ET210L - Capstone Project Lab

**OR**

COMPUTER INFORMATION

**Complete ANY of the following Courses:**

- SDC100 - Introduction to Programming

The Associate of Science in Mechanical Engineering Technology has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Newport News, VA

# Business Administration (BS) | Accounting Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0301

In ECPI's Bachelor of Science in Business Administration (B.S.B.A.) program, students develop decision-making, problem-solving, and leadership skills based on a foundation of practical knowledge and application of business fundamentals. Students investigate business theory as it relates to accounting, management, analytics, and operations.

The program creates a unique opportunity for the student to explore the diverse aspects of business as they relate to today's global environment. The focus on real-world application, case studies, hands-on activities, and relevant scenarios are woven into the framework of the program to develop and enhance analytical, professional, and organizational skills. The curriculum integrates the functional areas of the business environment, such as finance, accounting, marketing, and management.

In today's marketplace, business, industry, government, and not-for-profit organizations need high-quality and near to real time financial information to compete in local, national, and global markets. The accountant is a key person who can provide management with this critical information. No organization can function effectively without accounting.

Our Bachelor of Science in Business Administration with a concentration in Accounting provides students with an in-depth understanding of accounting principles. Accounting graduates are prepared to pursue careers in public accounting, business, or government. This concentration offers two tracks:

| TRACK | DESCRIPTION |
|---|---|
| ***Accounting Data Analytics Track*** | The accounting data analytics track provides students with an opportunity to engage with auditing and analytics knowledge that adds to their accounting concentration. Organizations want data-driven perspectives and decisions. The additional analytics focus allows students to look at data output while combining financial and accounting insights.<br>**students interested in sitting for the CPA exam, depending on state of residence, will need thirty upper division accounting credits.* |
| ***General Accounting Track*** | The general accounting track covers the additional topics of auditing and personal taxation, providing students with a broad overview of accounting. By taking the additional core areas, students will become well rounded accounting graduates. The focus on auditing prepares students to track and verify accounting transactions and their source when reviewing financial reports to meet organizational goals. |

## 4 + 1 Undergraduate to Graduate Option

The 4+1 programs offer students with the opportunity to seamlessly transition from their bachelor's degree to a master's degree in an accelerated timeframe. This program allows students to complete both degrees by integrating selected graduate-level coursework into their undergraduate curriculum. By taking advantage of this program, students can maximize their time and resources, efficiently advancing their education and enhancing their career prospects. Through rigorous coursework and advanced research projects, students develop specialized knowledge and skills in their chosen field, positioning themselves for leadership roles and further academic pursuits upon graduation.

## 4 + 1 BSBA to MBA/MSM Program

The 4+1 programs allow for BSBA/BSOL students to take up to 6 credit hours (2 classes) that count towards fulfilling their undergraduate degree requirements and count towards the completion of their master's program. The bachelor's degree is awarded after successful completion of all BSBA or BSOL requirements.  Once the bachelor's degree is completed, a student is required to apply for the graduate program.

Below is the program curriculum for the 4+1 course pairings offered. Some undergraduate courses listed are required for the program, while others may be taken as electives. While the student is enrolled in the undergraduate course, additional course work is required at that time for the 4+1 program. The admission criteria for participation in the 4+1 Undergraduate to MBA or MSM programs are as follows:

- Students must have completed 60 undergraduate credit hours towards their baccalaureate degree
- Students must maintain a cumulative undergraduate GPA of 3.0 on a 4.0

| MBA/MSM Courses | BSBA/BSOL Courses |
|---|---|
| MGT520 Organizational Behavior and Leadership Organizational Behavior and Leadership | BUS303 Organizational Leadership and Management Organizational Leadership and Management |
| MGT528 Business Research and Analysis Business Research and Analysis | BUS480 Strategic Planning and Implementation Strategic Planning and Implementation |
| MGT532 Organizational Change and DevelopmentOrganizational Change and Development | BUS409 Organizational Dynamics: Motivation and LeadershipOrganizational Dynamics: Motivation and Leadership |

## About Business Administration

Graduates of the Bachelor of Science in Business Administration may find employment in a variety of industries, including manufacturing, retail, banking, service, restaurant, accounting, and in government. Possible job titles include accountant, project manager, entrepreneur, sales manager, and actuary, among many others. Graduates of this program, in any concentration area, may be qualified to work in government positions as well as in industry.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Students pursing concentrations and tracks could earn certificates while earning their bachelor's degree. Certificates in Leadership, Accounting Analytics, Business Analytics, Operations Analytics, Project Management, and Human Resources are available and complement the Bachelor of Science in Business Administration degree program.

Other recommended certifications for this program include Management Skills, Six Sigma, Project Management, and Systems Analyst. For students taking the IT Management concentration, all of these certifications are recommended along with the Security+ certification. For students taking the Operations, Logistics, and Supply Chain Management concentration, all of these certifications are available along with Certified Associate in Project Management (CAPM) and Six Sigma Green Belt Expert Rating. All ECPI certifications are available to Bachelor of Science in Business Administration students if they meet the criteria and requirements.

Certifications recommended for an entry-level career position in the Operations, Logistics and Supply Chain Management concentration are Certified Associate in Project Management (CAPM), Project Management Professional (PMP) for students with applicable experience, SCPro Level One: Cornerstones of Supply Chain Management, Entry Certificate in Business Analysis (ECBA), Six Sigma Green Belt, Strategic Planning Associate (SPA), and Certified in Production and Inventory Management (CPIM).

## Student Evaluation

Students pursuing the BS Business Administration, Business Analytics concentration are required to earn a grade of C or better in MTH140 Statistics (Statistics) prior to beginning the Business Analytics concentration courses. Students will have no more than three attempts to achieve a C or better in this course.

*Electives - any course from BSBA and/or BS Organizational Leadership depending on prerequisite. General electives from other programs and schools.*

## Outcomes

Upon completion of the program, graduates of the Bachelors of Science in Business Administration Accounting Concentration are able to:

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSBA-ACC.01.2

**Effective Start Term**
202601 E

**Effective Start Date**
Jan 26, 2026

**Outcome Statement**
Apply accounting principles to record and analyze financial information for a firm's financial position.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate qualitative and quantitative accounting and financial problems, using appropriate tools and technology.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate effective professional business communication.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Create effective plans that maximize business results.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ethical behavior, professional standards, and social responsibility in the practice of business.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Describe business principles and competencies as applied to local and global environments.

For additional information about the program link to https://www.ecpi.edu/college-of-business. To see the Student Consumer Information link to https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 2.5 years, through our year-round schedule, students can earn the Bachelor of Science in Business Administration degree.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Business Administration, students must earn 121 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. Students will select one of the tracks available under this program. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

40 semester credit hours

**Complete ALL of the following Courses:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- BUS121 - Introduction to Business
- BUS222 - Ethics in Business
- BUS298 - Externship-BUS III
- BUS331 - Management Information Systems
- BUS480 - Strategic Planning and Implementation
- BUS480L - Strategic Planning and Implementation LAB
- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- FIN350 - Financial Management
- HRM211 - Introduction to Human Resources Management
- LAW225 - Legal Environment of Business
- MKT214 - Marketing Management

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PHY120 - Physics
- PHY120L - Physics Lab
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Accounting Concentration Requirements**

### Type
Completion Requirement

Concentration Courses

21 semester credit hours

**Complete ALL of the following Courses:**

- ACC309 - Managerial Accounting for Managers
- ACC319 - Intermediate Accounting I
- ACC321 - Intermediate Accounting II
- ACC322 - Intermediate Accounting III
- ACC330 - Cost Accounting
- ACC480 - Advanced Accounting I
- ACC481 - Advanced Accounting II

**Accounting Data Analytics Track Requirements**

### Type
Completion Requirement

Accounting Data Analytics Track Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- ACC470 - Auditing I
- ACC471 - Auditing II
- BAN317 - Data Analytics, Machine Learning, and Business Forecasting

Accounting Data Analytics Track Elective Courses

14 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from**

**other programs and schools.**

### Additional Comments:
Total: 23 semester credit hours

**General Accounting Track Requirements**

### Type
Completion Requirement

General Accounting Track Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- ACC206 - Personal Income Tax I
- ACC470 - Auditing I
- ACC471 - Auditing II

General Accounting Track Elective Courses

14 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

### Additional Comments:
Total: 23 semester credit hours

The Bachelor of Science in Business Administration | Accounting concentration has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Newport News, VA, Richmond, VA (Glen Allen)

# Business Administration (BS) | Business Analytics Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0201

In ECPI's Bachelor of Science in Business Administration (B.S.B.A.) program, students develop decision-making, problem-solving, and leadership skills based on a foundation of practical knowledge and application of business fundamentals. Students investigate business theory as it relates to accounting, management, analytics, and operations.

The program creates a unique opportunity for the student to explore the diverse aspects of business as they relate to today's global environment. The focus on real-world application, case studies, hands-on activities, and relevant scenarios are woven into the framework of the program to develop and enhance analytical, professional, and organizational skills. The curriculum integrates the functional areas of the business environment, such as finance, accounting, marketing, and management.

The Business Analytics concentration focuses on how organizations, more now than ever, are depending on data and analytics to inform decision making. Business analytics is the process of transforming data into action to improve decision making. However, the modeling cannot be done in isolation from organizational context. As demand continues to evolve, organizations must model and analyze data to improve processes for producing and delivering goods. This concentration offers two tracks:

| TRACK | DESCRIPTION |
|---|---|
| ***Operations Analytics Track*** | The operations analytics track focuses on using data to solve organizational problems by leveraging techniques such as optimization, data mining, and statistical analysis. Operations Analyst positions are found in the government, military, freight, and shipping to health care. Students learn how organizations leverage big data into pragmatic operationalization to operate more efficiently and cost-effectively. |
| ***Leadership Track*** | The leadership track allows students to develop ethical leadership skills and abilities and the emotional intelligence necessary to lead contemporary organizations. The program emphasizes the creation of a learning environment that encourages change and innovation. Students are afforded an opportunity to develop strategic decision-making and problem-solving skills. |

## 4 + 1 Undergraduate to Graduate Option

The 4+1 programs offer students with the opportunity to seamlessly transition from their bachelor's degree to a master's degree in an accelerated timeframe. This program allows students to complete both degrees by integrating selected graduate-level coursework into their undergraduate curriculum. By taking advantage of this program, students can maximize their time and resources, efficiently advancing their education and enhancing their career prospects. Through rigorous coursework and advanced research projects, students develop specialized knowledge and skills in their chosen field, positioning themselves for leadership roles and further academic pursuits upon graduation.

## 4 + 1 BSBA to MBA/MSM Programs

The 4+1 programs allow for BSBA and BSOL students to take up to 6 credit hours (2 classes) that count towards fulfilling their undergraduate degree requirements and count towards the completion of their master's program. The bachelor's degree is awarded after successful completion of all BSBA and/or BSOL requirements. Once the bachelor's degree is completed, a student is required to apply for the graduate program.

Below is the program curriculum for the 4+1 course pairings offered. Some undergraduate courses listed are required for the program, while others may be taken as electives. While the student is enrolled in the undergraduate course, additional course work is required at that time for the 4+1 program. The admission criteria for participation in the 4+1 Undergraduate to MBA or MSM programs are as follows:

- Students must have completed 60 undergraduate credit hours towards their baccalaureate degree
- Students must maintain a cumulative undergraduate GPA of 3.0 on a 4.0

| MBA Courses | BSBA Courses |
|---|---|
| MGT520 Organizational Behavior and Leadership Organizational Behavior and Leadership | BUS303 Organizational Leadership and Management Organizational Leadership and Management |
| MGT528 Business Research and Analysis Business Research and Analysis | BUS480 Strategic Planning and Implementation Strategic Planning and Implementation |
| MGT532 Organizational Change and DevelopmentOrganizational Change and Development | BUS409 Organizational Dynamics: Motivation and LeadershipOrganizational Dynamics: Motivation and Leadership |
| | |

## About Business Administration

Graduates of the Bachelor of Science in Business Administration may find employment in a variety of industries, including manufacturing, retail, banking, service, restaurant, accounting, and in government. Possible job titles include accountant, project manager, entrepreneur, sales manager, and actuary, among many others. Graduates of this program, in any concentration area, may be qualified to work in government positions as well as in industry.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Students pursing concentrations and tracks could earn certificates while earning their bachelor's degree. Certificates in Leadership, Accounting Analytics, Business Analytics, Operations Analytics, Project Management, and Human Resources are available and complement the Bachelor of Science in Business Administration degree program.

Other recommended certifications for this program include Management Skills, Six Sigma, Project Management, and Systems Analyst. For students taking the IT Management concentration, all of these certifications are recommended along with the Security+ certification. For students taking the Operations, Logistics, and Supply Chain Management concentration, all of these certifications are available along with Certified Associate in Project Management (CAPM) and Six Sigma Green Belt Expert Rating. All ECPI certifications are available to Bachelor of Science in Business Administration students if they meet the criteria and requirements.

Certifications recommended for an entry-level career position in the Operations, Logistics and Supply Chain Management concentration are Certified Associate in Project Management (CAPM), Project Management Professional (PMP) for students with applicable experience, SCPro Level One: Cornerstones of Supply Chain Management, Entry Certificate in Business Analysis (ECBA), Six Sigma Green Belt, Strategic Planning Associate (SPA), and Certified in Production and Inventory Management (CPIM).

## Student Evaluation

Students pursuing the BS Business Administration, Business Analytics concentration are required to earn a grade of C or better in MTH140 Statistics (Statistics) prior to beginning the Business Analytics concentration courses. Students will have no more than three attempts to achieve a C or better in this course.

*Electives - any course from BSBA and/or BS Organizational Leadership depending on prerequisite. General electives from other programs and schools.*

## Outcomes

Upon completion of the program, graduates of the Bachelors of Science in Business Administration Business Analytics Concentration are able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSBA-BAN.01.0

**Active?**
Yes

**Effective Start Term**
202509 E

**Effective Start Date**
Sep 2, 2025

**Outcome Statement**
Evaluate organizational data to solve problems.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate qualitative and quantitative accounting and financial problems, using appropriate tools and technology.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate effective professional business communication.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Create effective plans that maximize business results.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ethical behavior, professional standards, and social responsibility in the practice of business.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Describe business principles and competencies as applied to local and global environments.

For additional information about the program link to https://www.ecpi.edu/college-of-business. To see the Student Consumer Information link to https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 2.5 years, through our year-round schedule, students can earn the Bachelor of Science in Business Administration degree.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Business Administration, students must earn 121 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. Students will select one of the tracks available under this program. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

40 semester credit hours

**Complete ALL of the following Courses:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- BUS121 - Introduction to Business
- BUS222 - Ethics in Business
- BUS298 - Externship-BUS III
- BUS331 - Management Information Systems
- BUS480 - Strategic Planning and Implementation
- BUS480L - Strategic Planning and Implementation LAB
- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- FIN350 - Financial Management
- HRM211 - Introduction to Human Resources Management
- LAW225 - Legal Environment of Business
- MKT214 - Marketing Management

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics

- PHY120 - Physics
- PHY120L - Physics Lab
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**
- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Business Analytics Concentration Requirements**

### Type
Completion Requirement

Concentration Courses

24 semester credit hours

**Complete ALL of the following Courses:**
- BAN317 - Data Analytics, Machine Learning, and Business Forecasting
- BAN325 - Advanced Business Analytics and AI
- BAN327 - Data Visualization and BI Tools with Applied AI
- BAN385 - AI and Data Mining with Python
- BAN485 - Data Mining II: R, Python, and Applied AI
- BAN495 - Business Analytics Modeling: Optimization and Simulation
- CST140 - Introduction to Operating Systems
- CYB120 - Introduction to Python Programming

**Operations Analytics Track Requirements**

### Type
Completion Requirement

Operations Analytics Track Courses

9 semester credit hours

**Complete ALL of the following Courses:**
- BAN390 - Business Optimization: Linear, Integer, and Network Models
- BAN400 - Operations Analytics, AI, and Emerging Technologies
- OPM227 - Operations Management

Operations Analytics Track Elective Courses

11 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

### Additional Comments:
Total: 20 semester credit hours

**Leadership Track Requirements**

**Type**
Completion Requirement

Leadership Track Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- BUS224 - Change Management
- BUS409 - Organizational Dynamics: Motivation and Leadership
- BUS460 - Leadership Capstone

Leadership Track Elective Courses

11 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

**Additional Comments:**
Total: 20 semester credit hours

The Bachelor of Science in Business Administration Business Analytics concentration has the following program requirements.

## Locations

Online

# Business Administration (BS) | Business Management Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0201

In ECPI's Bachelor of Science in Business Administration (B.S.B.A.) program, students develop decision-making, problem-solving, and leadership skills based on a foundation of practical knowledge and application of business fundamentals. Students investigate business theory as it relates to accounting, management, analytics, and operations.

The program creates a unique opportunity for the student to explore the diverse aspects of business as they relate to today's global environment. The focus on real-world application, case studies, hands-on activities, and relevant scenarios are woven into the framework of the program to develop and enhance analytical, professional, and organizational skills. The curriculum integrates the functional areas of the business environment, such as finance, accounting, marketing, and management.

The Business Management concentration emphasizes application of business theory and principle in managing in a technically and economically dynamic world. As technology advances, businesses must continue adaptive change in order to sustain competitive advantage. Our program is designed to create managers and business-oriented personnel who are able to strategically manage and utilize technology while implementing changes essential to today's global business environment. This concentration offers four tracks:

| TRACK | DESCRIPTION |
|---|---|
| ***Project Management Track*** | The project management track focuses on leading projects from start to completion. Students will develop the skill set to lead project teams and will use project management tools to successfully manage the different stages of projects, including how to maximize performance and minimize risk. Core competencies, quality control, and enhancing the customer experience through a collaborative organizational framework are emphasized. |
| ***Human Resources Track*** | The human resource management track provides students with the opportunity to engage in contemporary practices that support and motivate a diverse and multicultural workforce in individual and group settings. Employee recruitment and retention is emphasized, including compensation and benefits, rewards, and recognition. |
| ***Leadership Track*** | The leadership track allows students to develop ethical leadership skills and abilities and the emotional intelligence necessary to lead contemporary organizations. The program emphasizes the creation of a learning environment that encourages change and innovation. Students are afforded an opportunity to develop strategic decision-making and problem-solving skills. |
| ***General Management Track*** | The general management track allows students the flexibility to tailor coursework to their individual career goals. Students are able to take a variety of courses in order to customize an educational plan suited to their needs. |

## 4 + 1 Undergraduate to Graduate Option

The 4+1 programs offer students with the opportunity to seamlessly transition from their bachelor's degree to a master's degree in an accelerated timeframe. This program allows students to complete both degrees by integrating selected graduate-level coursework into their undergraduate curriculum. By taking advantage of this program, students can maximize their time and resources, efficiently advancing their education and enhancing their career prospects. Through rigorous coursework and advanced research projects, students develop specialized knowledge and skills in their chosen field, positioning themselves for leadership roles and further academic pursuits upon graduation.

## 4 + 1 BSBA to MBA/MSM Programs

The 4+1 programs allow for BSBA and BSOL students to take up to 6 credit hours (2 classes) that count towards fulfilling their undergraduate degree requirements and count towards the completion of their master's program. The bachelor's degree is awarded after successful completion of all BSBA and/or BSOL requirements. Once the bachelor's degree is completed, a student is required to apply for the graduate program.

Below is the program curriculum for the 4+1 course pairings offered. Some undergraduate courses listed are required for the program, while others may be taken as electives. While the student is enrolled in the undergraduate course, additional course work is required at that time for the 4+1 program. The admission criteria for participation in the 4+1 Undergraduate to MBA or MSM programs are as follows:

- Students must have completed 60 undergraduate credit hours towards their baccalaureate degree
- Students must maintain a cumulative undergraduate GPA of 3.0 on a 4.0

| MBA Courses | BSBA Courses |
| --- | --- |
| MGT520 Organizational Behavior and Leadership Organizational Behavior and Leadership | BUS303 Organizational Leadership and Management Organizational Leadership and Management |
| MGT528 Business Research and Analysis Business Research and Analysis | BUS480 Strategic Planning and Implementation Strategic Planning and Implementation |
| MGT532 Organizational Change and DevelopmentOrganizational Change and Development | BUS409 Organizational Dynamics: Motivation and LeadershipOrganizational Dynamics: Motivation and Leadership |
| | |

## About Business Administration

Graduates of the Bachelor of Science in Business Administration may find employment in a variety of industries, including manufacturing, retail, banking, service, restaurant, accounting, and in government. Possible job titles include accountant, project manager, entrepreneur, sales manager, and actuary, among many others. Graduates of this program, in any concentration area, may be qualified to work in government positions as well as in industry.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Students pursing concentrations and tracks could earn certificates while earning their bachelor's degree. Certificates in Leadership, Accounting Analytics, Business Analytics, Operations Analytics, Project Management, and Human Resources are available and complement the Bachelor of Science in Business Administration degree program.

Other recommended certifications for this program include Management Skills, Six Sigma, Project Management, and Systems Analyst. For students taking the IT Management concentration, all of these certifications are recommended along with the Security+ certification. For students taking the Operations, Logistics, and Supply Chain Management concentration, all of these certifications are available along with Certified Associate in Project Management (CAPM) and Six Sigma Green Belt Expert Rating. All ECPI certifications are available to Bachelor of Science in Business Administration students if they meet the criteria and requirements.

Certifications recommended for an entry-level career position in the Operations, Logistics and Supply Chain Management concentration are Certified Associate in Project Management (CAPM), Project Management Professional (PMP) for students with applicable experience, SCPro Level One: Cornerstones of Supply Chain Management, Entry Certificate in Business Analysis (ECBA), Six Sigma Green Belt, Strategic Planning Associate (SPA), and Certified in Production and Inventory Management (CPIM).

## Student Evaluation

Students pursuing the BS Business Administration, Business Analytics concentration are required to earn a grade of C or better in MTH140 Statistics (Statistics) prior to beginning the Business Analytics concentration courses. Students will have no more than three attempts to achieve a C or better in this course.

*Electives - any course from BSBA and/or BS Organizational Leadership depending on prerequisite. General electives from other programs and schools.*

## Outcomes

Upon completion of the program, graduates of the Bachelors of Science in Business Administration Business Management Concentration are able to:

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSBA-BM.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply management principles in business leadership roles.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate qualitative and quantitative accounting and financial problems, using appropriate tools and technology.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate effective professional business communication.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Create effective plans that maximize business results.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ethical behavior, professional standards, and social responsibility in the practice of business.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Describe business principles and competencies as applied to local and global environments.

For additional information about the program link to https://www.ecpi.edu/college-of-business. To see the Student Consumer Information link to https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 2.5 years, through our year-round schedule, students can earn the Bachelor of Science in Business Administration degree.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Business Administration, students must earn 121 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. Students will select one of the tracks available under this program. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

40 semester credit hours

**Complete ALL of the following Courses:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- BUS121 - Introduction to Business
- BUS222 - Ethics in Business
- BUS298 - Externship-BUS III
- BUS331 - Management Information Systems
- BUS480 - Strategic Planning and Implementation
- BUS480L - Strategic Planning and Implementation LAB
- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- FIN350 - Financial Management
- HRM211 - Introduction to Human Resources Management
- LAW225 - Legal Environment of Business
- MKT214 - Marketing Management

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PHY120 - Physics
- PHY120L - Physics Lab
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Business Management Concentration Requirements**

### Type
Completion Requirement

Concentration Courses

21 semester credit hours

**Complete ALL of the following Courses:**

- BUS102 - Fundamentals of Customer Service
- BUS226 - Managerial Processes and Communications
- BUS242 - Emerging Technologies and World of AI
- BUS303 - Organizational Leadership and Management
- BUS436 - International Business
- MKT440 - Marketing Strategy for Managers
- OPM227 - Operations Management

**Project Management Track Requirements**

### Type
Completion Requirement

Project Management Track Courses

11 semester credit hours

**Complete ALL of the following Courses:**

- ACC312 - Accounting for Business Decisions
- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

Project Management Track Elective Courses

12 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

### Additional Comments:
Total: 23 semester credit hours

**Human Resources Track Requirements**

### Type
Completion Requirement

Human Resources Track Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- BUS316 - Foundations of Decision Making
- HRM443 - Staffing and Workforce Diversity
- HRM463 - Compensation and Benefits

Human Resources Track Elective Courses

14 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

### Additional Comments:
Total: 23 semester credit hours

**Leadership Track Requirements**

### Type
Completion Requirement

Leadership Track Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- BUS224 - Change Management
- BUS409 - Organizational Dynamics: Motivation and Leadership
- BUS460 - Leadership Capstone

Leadership Track Elective Courses

14 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

### Additional Comments:
Total: 23 semester credit hours

**General Management Track Requirements**

### Type
Completion Requirement

General Management Track Courses

23 semester credit hours

Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.

The Bachelor of Science in Business Administration Business Management concentration has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Greenville, SC, Newport News, VA, Richmond, VA (Glen Allen)

# Business Administration (BS) | General Business Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0201

In ECPI's Bachelor of Science in Business Administration (B.S.B.A.) program, students develop decision-making, problem-solving, and leadership skills based on a foundation of practical knowledge and application of business fundamentals. Students investigate business theory as it relates to accounting, management, analytics, and operations.

The program creates a unique opportunity for the student to explore the diverse aspects of business as they relate to today's global environment. The focus on real-world application, case studies, hands-on activities, and relevant scenarios are woven into the framework of the program to develop and enhance analytical, professional, and organizational skills. The curriculum integrates the functional areas of the business environment, such as finance, accounting, marketing, and management.

At ECPI, the Bachelor of Science in Business Administration program addresses industry needs while incorporating current events, topics, business theories, and technological concepts. Students work collaboratively while applying concepts to complete projects based on real-world scenarios. This program provides an exceptional opportunity to obtain and practice the professional skills and industry knowledge necessary to be successful in any contemporary business environment.

The general business concentration is designed to provide students with the flexibility to tailor their studies according to their specific interests and career goals. This concentration consists entirely of elective courses, allowing students to select from a wide range of business-related subjects such as marketing, finance, management, international business, and more. By choosing courses based on their individual preferences and areas of expertise, students can gain a comprehensive understanding of various aspects of business while honing their skills in specific areas of interest.

For the General Business concentration, students can customize an educational plan suited to their needs from transfer credits or electives. This concentration offers four tracks:

| TRACK | DESCRIPTION |
|---|---|
| ***Project Management Track*** | The project management track focuses on leading projects from start to completion. Students will develop the skill set to lead project teams and will use project management tools to successfully manage the different stages of projects, including how to maximize performance and minimize risk. Core competencies, quality control, and enhancing the customer experience through a collaborative organizational framework are emphasized. |
| ***Human Resources Management Track*** | The human resource management track provides students with the opportunity to engage in contemporary practices that support and motivate a diverse and multicultural workforce in individual and group settings. Employee recruitment and retention is emphasized, including compensation and benefits, rewards, and recognition. |
| ***Leadership Track*** | The leadership track allows students to develop ethical leadership skills and abilities and the emotional intelligence necessary to lead contemporary organizations. The program emphasizes the creation of a learning environment that encourages change and innovation. Students are afforded an opportunity to develop strategic decision-making and problem-solving skills. |
| ***General Management Track*** | The general management track allows students the flexibility to tailor coursework to their individual career goals. Students are able to take a variety of courses in order to customize an educational plan suited to their needs. |

## 4 + 1 Undergraduate to Graduate Option

The 4+1 programs offer students with the opportunity to seamlessly transition from their bachelor's degree to a master's degree in an accelerated timeframe. This program allows students to complete both degrees by integrating selected graduate-level coursework into their undergraduate curriculum. By taking advantage of this program, students can maximize their time and resources, efficiently advancing their education and enhancing their career prospects. Through rigorous coursework and advanced research projects, students develop specialized knowledge and skills in their chosen field, positioning themselves for leadership roles and further academic pursuits upon graduation.

## 4 + 1 BSBA to MBA/MSM Program

The 4+1 programs allow for BSBA and BSOL students to take up to 6 credit hours (2 classes) that count towards fulfilling their undergraduate degree requirements and count towards the completion of their master's program. The bachelor's degree is awarded after successful completion of all BSBA or BSOL requirements.  Once the bachelor's degree is completed, a student is required to apply for the graduate program.

Below is the program curriculum for the 4+1 course pairings offered. Some undergraduate courses listed are required for the program, while others may be taken as electives. While the student is enrolled in the undergraduate course, additional course work is required at that time for the 4+1 program. The admission criteria for participation in the 4+1 Undergraduate to MBA or MSM programs are as follows:

- Students must have completed 60 undergraduate credit hours towards their baccalaureate degree
- Students must maintain a cumulative undergraduate GPA of 3.0 on a 4.0

| MBA/MSM Courses | BSBA/BSOL Courses |
|---|---|
| MGT520 Organizational Behavior and Leadership Organizational Behavior and Leadership | BUS303 Organizational Leadership and Management Organizational Leadership and Management |
| MGT528 Business Research and Analysis Business Research and Analysis | BUS480 Strategic Planning and Implementation Strategic Planning and Implementation |
| MGT532 Organizational Change and Development Organizational Change and Development | BUS409 Organizational Dynamics: Motivation and LeadershipOrganizational Dynamics: Motivation and Leadership |

## About Business Administration

Graduates of the Bachelor of Science in Business Administration may find employment in a variety of industries, including manufacturing, retail, banking, service, restaurant, accounting, and in government. Possible job titles include accountant, project manager, entrepreneur, sales manager, and actuary, among many others. Graduates of this program, in any concentration area, may be qualified to work in government positions as well as in industry.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Students pursuing concentrations and tracks could earn certificates while earning their bachelor's degree. Certificates in Leadership, Accounting Analytics, Business Analytics, Operations Analytics, Project Management, and Human Resources are available and complement the Bachelor of Science in Business Administration degree program.

Other recommended certifications for this program include Management Skills, Six Sigma, Project Management, and Systems Analyst. For students taking the IT Management concentration, all of these certifications are recommended along with the Security+ certification. For students taking the Operations, Logistics, and Supply Chain Management concentration, all of these certifications are available along with Certified Associate in Project Management (CAPM) and Six Sigma Green Belt Expert Rating. All ECPI certifications are available to Bachelor of Science in Business Administration students if they meet the criteria and requirements.

Certifications recommended for an entry-level career position in the Operations, Logistics and Supply Chain Management concentration are Certified Associate in Project Management (CAPM), Project Management Professional (PMP) for students with applicable experience, SCPro Level One: Cornerstones of Supply Chain Management, Entry Certificate in Business Analysis (ECBA), Six Sigma Green Belt, Strategic Planning Associate (SPA), and Certified in Production and Inventory Management (CPIM).

## Student Evaluation

Students pursuing the BS Business Administration, Business Analytics concentration are required to earn a grade of C or better in MTH140 (Statistics) prior to beginning the Business Analytics concentration courses. Students will have no more than three attempts to achieve a C or better in this course.

*Electives - any course from BSBA and/or BS Organizational Leadership depending on prerequisite. General electives from other programs and schools.*

## Outcomes

Upon completion of the program, graduates are able to:

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSBA-GEN.01.0

**Effective Start Term**
202601 E

**Effective Start Date**
Jan 26, 2026

**Outcome Statement**
Apply business principles to solve organizational problems

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate qualitative and quantitative accounting and financial problems, using appropriate tools and technology.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate effective professional business communication.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Create effective plans that maximize business results.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ethical behavior, professional standards, and social responsibility in the practice of business.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Describe business principles and competencies as applied to local and global environments.

For additional information about the program link to https://www.ecpi.edu/college-of-business. To see the Student Consumer Information link to https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 2.5 years, through our year-round schedule, students can earn the Bachelor of Science in Business Administration degree.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Business Administration, students must earn 121 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. Students will select one of the tracks available under this program. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

40 semester credit hours

**Complete ALL of the following Courses:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- BUS121 - Introduction to Business
- BUS222 - Ethics in Business
- BUS298 - Externship-BUS III
- BUS331 - Management Information Systems
- BUS480 - Strategic Planning and Implementation
- BUS480L - Strategic Planning and Implementation LAB
- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- FIN350 - Financial Management
- HRM211 - Introduction to Human Resources Management
- LAW225 - Legal Environment of Business
- MKT214 - Marketing Management

**Arts and Sciences Requirements**

### Type
Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PHY120 - Physics
- PHY120L - Physics Lab
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**General Business Concentration Requirements**

### Type
Completion Requirement

General Business Concentration Courses

21 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

**Project Management Track Requirements**

### Type
Completion Requirement

Project Management Track Courses

11 semester credit hours

**Complete ALL of the following Courses:**

- ACC312 - Accounting for Business Decisions
- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

Project Managment Track Elective Courses

12 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

**Human Resources Track Requirements**

### Type
Completion Requirement

Human Resources Track Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- BUS316 - Foundations of Decision Making
- HRM443 - Staffing and Workforce Diversity
- HRM463 - Compensation and Benefits

Human Resources Track Elective Courses

14 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

**Leadership Track Requirements**

### Type
Completion Requirement

Leadership Track Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- BUS224 - Change Management
- BUS409 - Organizational Dynamics: Motivation and Leadership
- BUS460 - Leadership Capstone

Leadership Track Elective Courses

14 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

**General Management Track Requirements**

### Type
Completion Requirement

General Management Track Courses

*23 semester credit hours*

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

The Bachelor of Science in Business Administration | General Business concentration has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Greenville, SC, Newport News, VA, Richmond, VA (Glen Allen)

# Business Administration (BS) | Hospitality Management Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0901

In ECPI's Bachelor of Science in Business Administration (B.S.B.A.) program, students develop decision-making, problem-solving, and leadership skills based on a foundation of practical knowledge and application of business fundamentals. Students investigate business theory as it relates to accounting, management, analytics, and operations.

The program creates a unique opportunity for the student to explore the diverse aspects of business as they relate to today's global environment. The focus on real-world application, case studies, hands-on activities, and relevant scenarios are woven into the framework of the program to develop and enhance analytical, professional, and organizational skills. The curriculum integrates the functional areas of the business environment, such as finance, accounting, marketing, and management.

At ECPI, the Bachelor of Science in Business Administration program addresses industry needs while incorporating current events, topics, business theories, and technological concepts. Students work collaboratively while applying concepts to complete projects based on real-world scenarios. This program provides an exceptional opportunity to obtain and practice the professional skills and industry knowledge necessary to be successful in any contemporary business environment.

Students with a passion for food service but who are more interested in the business than in cooking may find the challenge of managing the food service operations in America's restaurants, schools, businesses and health care facilities to be the right program for them.

## 4 + 1 Undergraduate to Graduate Option

The 4+1 programs offer students with the opportunity to seamlessly transition from their bachelor's degree to a master's degree in an accelerated timeframe. This program allows students to complete both degrees by integrating selected graduate-level coursework into their undergraduate curriculum. By taking advantage of this program, students can maximize their time and resources, efficiently advancing their education and enhancing their career prospects. Through rigorous coursework and advanced research projects, students develop specialized knowledge and skills in their chosen field, positioning themselves for leadership roles and further academic pursuits upon graduation.

## 4 + 1 BSBA to MBA/MSM Programs

The 4+1 programs allow for BSBA and BSOL students to take up to 6 credit hours (2 classes) that count towards fulfilling their undergraduate degree requirements and count towards the completion of their master's program. The bachelor's degree is awarded after successful completion of all BSBA and/or BSOL requirements.  Once the bachelor's degree is completed, a student is required to apply for the graduate program.

Below is the program curriculum for the 4+1 course pairings offered. Some undergraduate courses listed are required for the program, while others may be taken as electives. While the student is enrolled in the undergraduate course, additional course work is required at that time for the 4+1 program. The admission criteria for participation in the 4+1 Undergraduate to MBA or MSM programs are as follows:

- Students must have completed 60 undergraduate credit hours towards their baccalaureate degree
- Students must maintain a cumulative undergraduate GPA of 3.0 on a 4.0

| MBA Courses | BSBA Courses |
|---|---|
| MGT520 Organizational Behavior and Leadership Organizational Behavior and Leadership | BUS303 Organizational Leadership and Management Organizational Leadership and Management |
| MGT528 Business Research and Analysis Business Research and Analysis | BUS480 Strategic Planning and Implementation Strategic Planning and Implementation |
| MGT532 Organizational Change and DevelopmentOrganizational Change Management | BUS409 Organizational Dynamics: Motivation and LeadershipOrganizational Dynamics: Motivation and Leadership |

## About Business Administration

Graduates of the Bachelor of Science in Business Administration may find employment in a variety of industries, including manufacturing, retail, banking, service, restaurant, accounting, and in government. Possible job titles include accountant, project manager, entrepreneur, sales manager, and actuary, among many others. Graduates of this program, in any concentration area, may be qualified to work in government positions as well as in industry.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Students pursuing concentrations and tracks could earn certificates while earning their bachelor's degree. Certificates in Leadership, Accounting Analytics, Business Analytics, Operations Analytics, Project Management, and Human Resources are available and complement the Bachelor of Science in Business Administration degree program.

Other recommended certifications for this program include Management Skills, Six Sigma, Project Management, and Systems Analyst. For students taking the IT Management concentration, all of these certifications are recommended along with the Security+ certification. For students taking the Operations, Logistics, and Supply Chain Management concentration, all of these certifications are available along with Certified Associate in Project Management (CAPM) and Six Sigma Green Belt Expert Rating. All ECPI certifications are available to Bachelor of Science in Business Administration students if they meet the criteria and requirements.

Certifications recommended for an entry-level career position in the Operations, Logistics and Supply Chain Management concentration are Certified Associate in Project Management (CAPM), Project Management Professional (PMP) for students with applicable experience, SCPro Level One: Cornerstones of Supply Chain Management, Entry Certificate in Business Analysis (ECBA), Six Sigma Green Belt, Strategic Planning Associate (SPA), and Certified in Production and Inventory Management (CPIM).

MTH140 Statistics

## Student Evaluation

Students pursuing the BS Business Administration, Business Analytics concentration are required to earn a grade of C or better in MTH140 Statistics (Statistics) prior to beginning the Business Analytics concentration courses. Students will have no more than three attempts to achieve a C or better in this course.

*Electives - any course from BSBA and/or BS Organizational Leadership depending on prerequisite. General electives from other programs and schools.*

## Outcomes

Upon completion of the program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSBA-HSM.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply effective management strategies to operational decision-making in the hospitality industry from a service, people, product, and facilities perspective.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate qualitative and quantitative accounting and financial problems, using appropriate tools and technology.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate effective professional business communication.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Create effective plans that maximize business results.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ethical behavior, professional standards, and social responsibility in the practice of business.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Describe business principles and competencies as applied to local and global environments.

For additional information about the program link to https://www.ecpi.edu/college-of-business. To see the Student Consumer Information link to https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 2.5 years, through our year-round schedule, students can earn the Bachelor of Science in Business Administration degree.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Business Administration, students must earn 121 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

40 semester credit hours

**Complete ALL of the following Courses:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- BUS121 - Introduction to Business
- BUS222 - Ethics in Business
- BUS298 - Externship-BUS III
- BUS331 - Management Information Systems
- BUS480 - Strategic Planning and Implementation
- BUS480L - Strategic Planning and Implementation LAB
- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- FIN350 - Financial Management
- HRM211 - Introduction to Human Resources Management
- LAW225 - Legal Environment of Business
- MKT214 - Marketing Management

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PHY120 - Physics
- PHY120L - Physics Lab
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Hospitality Management Concentration Requirements**

**Type**
Completion Requirement

Hospitality Management Concentration Courses

23 semester credit hours

**Complete ALL of the following Courses:**

- BUS226 - Managerial Processes and Communications
- FSM101 - Introduction to Food Service
- FSM335 - Menu Engineering
- FSM355 - Wine and Beverage Management
- FSM360 - Managing Outstanding Customer Service
- FSM424 - Facility Management
- FSM440 - Project and Special Event Management
- FSM490 - Food Service Entrepreneurship

Hospitality Management Concentration Electives

21 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

The Bachelor of Science in Business Administration | Hospitality Management concentration has the following program requirements.

## Locations

Online

# Business Administration (BS) | Operations, Logistics, and Supply Chain Management Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0205

In ECPI's Bachelor of Science in Business Administration (B.S.B.A.) program, students develop decision-making, problem-solving, and leadership skills based on a foundation of practical knowledge and application of business fundamentals. Students investigate business theory as it relates to accounting, management, analytics, and operations.

The program creates a unique opportunity for the student to explore the diverse aspects of business as they relate to today's global environment. The focus on real-world application, case studies, hands-on activities, and relevant scenarios are woven into the framework of the program to develop and enhance analytical, professional, and organizational skills. The curriculum integrates the functional areas of the business environment, such as finance, accounting, marketing, and management.

At ECPI, the Bachelor of Science in Business Administration program addresses industry needs while incorporating current events, topics, business theories, and technological concepts. Students work collaboratively while applying concepts to complete projects based on real-world scenarios. This program provides an exceptional opportunity to obtain and practice the professional skills and industry knowledge necessary to be successful in any contemporary business environment.

Students in the Operations, Logistics, and Supply Chain Management concentration develop skills necessary to function in a global operations, logistics and supply chain environment by relating models and theory to real-world practical applications. The program integrates the management functions of creating supply chains, beginning with the initial workflow design of critical processes like material sourcing and logistics, through the delivery of outputs to the customer base. The program's key goals are creating and maintaining customer satisfaction, operating within budget, and providing on time delivery.

| TRACK | DESCRIPTION |
|---|---|
| ***Project Management Track*** | The project management track focuses on leading projects from start to completion. Students will develop the skill set to lead project teams and will use project management tools to successfully manage the different stages of projects, including how to maximize performance and minimize risk. Core competencies, quality control, and enhancing the customer experience through a collaborative organizational framework are emphasized. |
| ***Leadership Track*** | The leadership track allows students to develop ethical leadership skills and abilities and the emotional intelligence necessary to lead contemporary organizations. The program emphasizes the creation of a learning environment that encourages change and innovation. Students are afforded an opportunity to develop strategic decision-making and problem-solving skills. |

## 4 + 1 Undergraduate to Graduate Option

The 4+1 programs offer students with the opportunity to seamlessly transition from their bachelor's degree to a master's degree in an accelerated timeframe. This program allows students to complete both degrees by integrating selected graduate-level coursework into their undergraduate curriculum. By taking advantage of this program, students can maximize their time and resources, efficiently advancing their education and enhancing their career prospects. Through rigorous coursework and advanced research projects, students develop specialized knowledge and skills in their chosen field, positioning themselves for leadership roles and further academic pursuits upon graduation.

## 4 + 1 BSBA to MBA/MSM Program

The 4+1 programs allow for BSBA and BSOL students to take up to 6 credit hours (2 classes) that count towards fulfilling their undergraduate degree requirements and count towards the completion of their master's program. The bachelor's degree is awarded after successful completion of all BSBA and/or BSOL requirements. Once the bachelor's degree is completed, a student is required to apply for the graduate program.

Below is the program curriculum for the 4+1 course pairings offered. Some undergraduate courses listed are required for the program, while others may be taken as electives. While the student is enrolled in the undergraduate course, additional course work is required at that time for the 4+1 program. The admission criteria for participation in the 4+1 Undergraduate to MBA or MSM programs are as follows:

- Students must have completed 60 undergraduate credit hours towards their baccalaureate degree
- Students must maintain a cumulative undergraduate GPA of 3.0 on a 4.0

| MBA Courses | BSBA Courses |
| --- | --- |
| MGT520 Organizational Behavior and Leadership Organizational Behavior and Leadership | BUS303 Organizational Leadership and Management Organizational Leadership and Management |
| MGT528 Business Research and Analysis Business Research and Analysis | BUS480 Strategic Planning and Implementation Strategic Planning and Implementation |
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## About Business Administration

Graduates of the Bachelor of Science in Business Administration may find employment in a variety of industries, including manufacturing, retail, banking, service, restaurant, accounting, and in government. Possible job titles include accountant, project manager, entrepreneur, sales manager, and actuary, among many others. Graduates of this program, in any concentration area, may be qualified to work in government positions as well as in industry.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Students pursuing concentrations and tracks could earn certificates while earning their bachelor's degree. Certificates in Leadership, Accounting Analytics, Business Analytics, Operations Analytics, Project Management, and Human Resources are available and complement the Bachelor of Science in Business Administration degree program.

Other recommended certifications for this program include Management Skills, Six Sigma, Project Management, and Systems Analyst. For students taking the IT Management concentration, all of these certifications are recommended along with the Security+ certification. For students taking the Operations, Logistics, and Supply Chain Management concentration, all of these certifications are available along with Certified Associate in Project Management (CAPM) and Six Sigma Green Belt Expert Rating. All ECPI certifications are available to Bachelor of Science in Business Administration students if they meet the criteria and requirements.

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## Student Evaluation

Students pursuing the BS Business Administration, Business Analytics concentration are required to earn a grade of C or better in MTH140 Statistics (Statistics) prior to beginning the Business Analytics concentration courses. Students will have no more than three attempts to achieve a C or better in this course.

*Electives - any course from BSBA and/or BS Organizational Leadership depending on prerequisite. General electives from other programs and schools.*

# Outcomes

Upon completion of the program, graduates are able to:

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSBA-SCM.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Develop and manage a logistics and supply chain model to maximize efficiency and profitability within an organization.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate qualitative and quantitative accounting and financial problems, using appropriate tools and technology.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate effective professional business communication.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Create effective plans that maximize business results.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ethical behavior, professional standards, and social responsibility in the practice of business.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBA.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Describe business principles and competencies as applied to local and global environments.

For additional information about the program link to https://www.ecpi.edu/college-of-business. To see the Student Consumer Information link to https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 2.5 years, through our year-round schedule, students can earn the Bachelor of Science in Business Administration degree.

## Requirements

### Simple Requirements

**Program Requirements**

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**Type**
Completion Requirement

Core Courses

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**Complete ALL of the following Courses:**

- ACC160 - Principles of Accounting I
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- ECO202 - Microeconomics
- FIN350 - Financial Management
- HRM211 - Introduction to Human Resources Management
- LAW225 - Legal Environment of Business
- MKT214 - Marketing Management

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PHY120 - Physics
- PHY120L - Physics Lab
- PSY225 - Industrial/Organizational Psychology
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type

Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Operations, Logistics, and Supply Chain Management Concentration Requirements**

### Type

Completion Requirement

Operations, Logistics, and Supply Chain Management Concentration Courses

21 semester credit hours

**Complete ALL of the following Courses:**

- BAN317 - Data Analytics, Machine Learning, and Business Forecasting
- BUS102 - Fundamentals of Customer Service
- BUS226 - Managerial Processes and Communications
- BUS316 - Foundations of Decision Making
- OPM227 - Operations Management
- OPM307 - Logistics and Supply Chain Management
- OPM403 - Operations, Logistics, and Supply Chain Management Capstone

**Project Management Track Requirements**

### Type

Completion Requirement

Project Management Track Courses

11 semester credit hours

**Complete ALL of the following Courses:**

- ACC312 - Accounting for Business Decisions
- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

Project Management Track Elective Courses

12 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

**Leadership Track Requirements**

### Type
Completion Requirement

Leadership Track Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- BUS224 - Change Management
- BUS409 - Organizational Dynamics: Motivation and Leadership
- BUS460 - Leadership Capstone

Leadership Track Elective Courses

14 semester credit hours

**Any course from other BSBA concentrations and/or BS Organizational Leadership programs depending on prerequisite. General electives from other programs and schools.**

The Bachelor of Science in Business Administration | Operations, Logistics, and Supply Chain Management concentration has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Newport News, VA, Richmond, VA (Glen Allen)

# Nursing (BS to BSN)

## Overview

### College
College of Nursing

### Program CIP Code
51.3801

The mission of the University and the Bachelor of Science in Nursing program **at the Orlando (Lake Mary), Florida location** is to offer a quality educational program that provides its graduates with the educational foundation and skills necessary to achieve professional success in the field of nursing.

The University is committed to providing quality nursing education with the goal of developing clinical leaders with the ability to advance and promote the health of the diverse populations within the communities they serve, advocate on behalf of their clients, achieve and maintain their clinical competency, and provide service to the community and the profession.

The members of the faculty and administration of the University are dedicated to achieving the University's and the BSN program's mission.

See also the following additional program information:

- **Admissions Requirements** > Nursing | BS to BSN (Orlando) (includes Essential Functional Abilities and Accepted Student Requirements)
- **Attendance Policy** > Nursing | BS to BSN (Orlando)
- Transferability of Credit > Nursing | BS to BSN section

The Baccalaureate Degree Program in Nursing at ECPI University Orlando, Florida campus, ECPI University Virginia Beach, Virginia campus, and ECPI University Richmond, Virginia campus is accredited by the Commission on Collegiate Nursing Education (http://www.ccneaccreditation.org.)

## About Nursing

The Bachelor to BSN graduate can work in a variety of roles in community health, specialty bedside practice, informatics, and management, pursuing employment in a range of settings. The Bachelor of Science in Nursing program allows students to acquire the essential skills and knowledge needed to meet the preventative and restorative needs of patients. Students learn both the art and science of nursing.

## Recommended Licensure

ECPI University provides vouchers allowing students to take licensure exams administered by the student's state's Board of Nursing at a greatly reduced cost. All Bachelor Degree Nursing graduates must successfully pass the National Council Licensing Exam for Registered Nurses (NCLEX-RN) before being able to practice as a Registered Nurse (RN).

## Program Progression

A numeric grade of 77 or better is required in all nursing courses to graduate from the nursing program. In order to receive a passing grade in the course, students are required to pass the clinical, lab, and theory portions of the course. Failure in the theory, lab, or clinical component requires repeating all aspects of the course. Academic progression in the nursing program is determined by a student's weighted exam average in each course without consideration for any additional assignments. The benchmark for passing each course is a weighted exam grade average of 77 or greater. Students who achieve a final course grade of less than 77 in any nursing course cannot enroll in subsequent clinical nursing courses. If the student does not pass the exam portion of the course with this average, other course requirements (such as papers and presentations) will not suffice to raise the grade to passing.

Only one nursing course may be repeated to raise an unsatisfactory grade. Students may not enroll in any course for which they do not have the necessary prerequisites as a result of course failure or course withdrawal. A Student who is unsuccessful in a course may be allowed to reattempt that course the next time it is offered, based on availability. In order to be considered to repeat the failed course, the student must write a letter to the Dean/Chief Nursing Administrator requesting permission to repeat the course ECPI University's Nursing Admission, Progression, and Graduation Committee will determine reinstatements and reviews each case individually. Re-admission to the nursing program is not guaranteed.

A student who fails more than one course, or who fails one course twice, will be dismissed from the program and will not be eligible for re-enrollment.

## Student Evaluation

At the completion of certain courses, students are required to complete a computerized, national examination that tests the student's comprehensive knowledge of the course content. Any fees for these examinations are included in the program costs.

Students are evaluated according to course-specific performance criteria designated on the syllabus. Students will receive a written evaluation in each clinical course at mid-term and at the completion of the clinical course. The instructor will review the evaluation with the student, and upon completion of the review, the student and the instructor will sign the evaluation. The student's signature does not constitute an acknowledgement that the student agrees with the instructor's evaluation, but serves as confirmation that the evaluation has been reviewed with and provided to the student. The student may make written comments in response to the evaluation, attaching it to the evaluation.

In the final quarter of the program, students are required to take a course entitled Senior Seminar and as a part of the course requirements, must pass a comprehensive computerized examination provided by ATI, containing questions similar to those found on the National Council Licensure Examination for Registered Nurses ("NCLEX-RN"). Students who fail to achieve a passing score of 70 or greater on the exam, as graded by the testing service, will not pass the Senior Seminar course, and will not

be eligible for graduation until they pass the Senior Seminar course. During the Senior Seminar course, students are given three (3) opportunities to achieve a passing score on the comprehensive computerized examination. Students who do not achieve a passing score on the ATI comprehensive computerized examination during the Senior Seminar course, will receive a failing grade for the course.

## Outcomes

The curriculum leading to the Bachelor of Science in Nursing degree is designed to prepare a professional nurse who should be able to demonstrate the ability to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBSN.07.2

**Active?**
Yes

**Effective Start Term**
202605 E

**Effective Start Date**
May 11, 2026

**Outcome Tags**
BSN Essential II; BSN Essential III; BSN Essential IV; BSN Essential V; BSN Essential VI; BSN Essential VII; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Apply knowledge of health care policy, finance, and regulatory environments to advocate for the provision of safe and equitable nursing care.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBSN.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential III; BSN Essential IV; BSN Essential V; BSN Essential VI; BSN Essential VII; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Synthesize and apply knowledge from the humanities, the arts and letters, the social and natural sciences as a basis for clinical reasoning and decision-making in nursing practice;

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBSN.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential III; BSN Essential IV; BSN Essential V; BSN Essential VI; BSN Essential VII; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Provide holistic, safe, competent patient care by applying the nursing process and evidence-based practice to manage the health care needs of culturally diverse individuals, families, groups, and communities;

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBSN.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential III; BSN Essential IV; BSN Essential V; BSN Essential VI; BSN Essential VII; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Effectively communicate using written, verbal and electronic methodologies;

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBSN.06.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential III; BSN Essential IV; BSN Essential V; BSN Essential VI; BSN Essential VII; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Contribute to the enhancement of nursing practice through the delivery of compassionate care, the evaluation of health outcomes, and the application of research to practice;

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBSN.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential III; BSN Essential IV; BSN Essential V; BSN Essential VI; BSN Essential VII; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Collaborate as a member of the interdisciplinary health care team, in partnership with the individual, family, group, or community, to promote health and wellness, prevent disease, and to influence health care delivery;

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSBSN.05.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential III; BSN Essential IV; BSN Essential V; BSN Essential VI; BSN Essential VII; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Apply theories of nursing, patient teaching, leadership and management, and legal and ethical principles to promote optimal care delivery with nurse-sensitive quality indicators;

For additional information about the program link to: https://www.ecpi.edu/programs/accelerated-bachelor-of-science-nursing-bsn. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

## Simple Requirements

**Program Requirements**

A student transferring into the institution with a bachelor's degree will transfer the equivalent of 105 quarter credit hours from the previous baccalaureate degree, including: 46.5 quarter credit hours in general education courses, 30 quarter credits of which are in specific required general education courses; and 75 quarter credits in nursing, to meet the minimum total of 180 quarter credit hours. The program requires a minimum of 4 quarters, which is equivalent to 12 months or 48 weeks of instruction. Nursing courses will not be available online.

The program requirements are as follows:

**Program Prerequisite Requirements**

**Type**
Prerequisite

Bachelor's Degree + Designated General Education Courses

Applicants must have successfully completed all prerequisite courses, with no more than two being allowed to be in progress at the time of application. A grade of B- or higher is required for the Anatomy and Physiology prerequisites. All other Bachelor to BSN General Education Prerequisites will be reviewed in accordance with the Transfer of Credit policies outlined in the University Catalog.

**Designated General Education Prerequisite Courses**

| COURSES | QUARTER CREDIT HOURS |
|---|---|
| Anatomy and Physiology I and II with labs | 8 semester \| 12 quarter credits |
| Statistics | 3 semester \| 4.5 quarter credits |
| Social Science: Sociology OR Psychology | 3 semester \| 4.5 quarter credits |
| Human Growth and Development OR Developmental Psychology | 3 semester \| 4.5 quarter credits |
| English | 3 semester \| 4.5 quarter credits |
| Additional General Education Electives | 11 semester \| 16.50 quarter credits |
| **TOTAL** | **31 SEMESTER \| 46.50 QUARTER CREDITS** |

**BSN Curriculum Requirements**

### Type
Completion Requirement

BSN Courses

**Complete ALL of the following Courses:**

- NUR311 - Pathophysiology
- NUR312 - Pharmacology
- NUR313 - Essentials of Nursing Practice
- NUR315 - Health Assessment Across the Lifespan
- NUR316 - Essentials of Nursing Practice Clinical
- NUR322 - Nursing Care of the Adult Clinical
- NUR326 - Nursing Care of the Adult
- NUR328 - Public Health Nursing
- NUR329 - Public Health Nursing Clinical
- NUR332 - Topics in Professional Nursing
- NUR333 - Pharmacologic Applications
- NUR433 - Nursing Care of Women and Children Clinical
- NUR436 - Mental Health Nursing Clinical
- NUR437 - Nursing Research
- NUR438 - Nursing Care of Women and Children
- NUR439 - Mental Health Nursing
- NUR445 - Professional Leadership
- NUR446 - Nursing Care of the Older Adult
- NUR447 - Nursing Care of the Older Adult Clinical
- NUR448 - Transition to Practice
- NUR449 - Senior Seminar
- NUR460 - Clinical Applications Lab

The Bachelor of Science in Nursing program has the following program requirements.

## Program Philosophy

The BSN program believes that:

- Baccalaureate nursing education is the basic preparation for professional nursing practice, and establishes the foundation for life-long learning. The faculty members believe that the baccalaureate graduate is a generalist, prepared to provide clinical leadership in the assessment, planning, delivery and evaluation of health care for individuals, families and communities.
- The curriculum is structured to enable the student to demonstrate that they have developed an understanding and mastery of baccalaureate-level nursing and related concepts as they progress through their educational experience. Related concepts emphasized in the nursing curriculum include ethical decision-making, critical thinking, effective communication, leadership and management.
- As envisioned by the faculty members of the University, the nursing paradigm includes:
- Person. Each person is a unique being with basic rights and choices who experiences multiple stressors from their continually changing internal and external environments with varying degrees of adaptation. The ultimate goal that a person has is to find, establish and maintain balance with health. Clients of nursing care are composed of individuals, families, groups, and communities with diverse backgrounds, sharing common goals and values. Perceptions, attitudes, values, and goals are influenced by culture, race, spirituality, age, gender, and abilities.
- Environment. The environment is a complex, open system existing in a dynamic state of change. Economic, political, environmental, and technological factors exert their effects on society. The nurse promotes an environment in which the person's needs may be met, while respecting individual differences related to values, customs, and responses to life experiences.
- Health. Health is regarded as dynamic and multidimensional, with physical, mental, spiritual and social components that are all interrelated on the wellness-illness continuum, varying from a high level of wellness to varying degrees of illness. Health is influenced by both internal and external factors to the individuals' optimal level of functioning. When adaptive abilities are inadequate or stressed, the individual moves on the wellness-illness continuum toward a lower level of functioning. All people have the inherent right to make informed decisions regarding their health care, including self-determination.
- Nursing. Nursing is both an art and a science. Professional nursing provides comprehensive health care services to clients in an effort to support them in attaining their optimal level of independence and wellness through the promotion, maintenance, and restoration of health. The role of the nurse is multifaceted, conceptualized in three primary categories: provider of care, coordinator of care and member of the profession. Nursing education is an interactive process, allowing the adult learner to incorporate previously learned knowledge, building a foundation for providing holistic, outcomes-oriented care. The profession works collaboratively with other members of the health care interdisciplinary team to facilitate optimal client outcomes. The faculty believes that the baccalaureate degree is the professional degree for nursing, providing the groundwork for the graduate degree.
- Learning. Faculty members of the University believe baccalaureate education in nursing is the basis for professional practice as a nurse generalist, and offers preparation for professional development and life-long learning. Baccalaureate nursing education, based upon a liberal arts education, is the synthesis of knowledge from a variety of disciplines, including humanities, social, behavioral, and natural sciences.
- Learning is a collaborative partnership between the student and the faculty member, promoted by critical thinking, problem-solving and effective decision-making. Learning occurs in a variety of settings, with each student responsible for maximizing his or her own experiences. Each student has unique life, educational and work experiences and therefore, has individual learning needs. Outcome assessments quantitatively and qualitatively measure achievement of programmatic goals.

## Program Purpose

The purposes of the Bachelor of Science in Nursing program are to provide undergraduate students with (1) Ability to practice professional nursing as a generalist, (2) the Academic foundation necessary to pursue graduate education.

## Program Hours

Classes will be held Monday-Friday and will be scheduled between 8:00 am and 6:00 pm. Clinical experiences can be scheduled at any time during the week, including weekends. Prospective students should also be aware that clinical experiences are scheduled for the convenience of the clinical site and may be held during evenings or nights. For example, a student may have a shift of 3:00 pm – 11:00 pm or 11:00 pm – 7:00 am. Due to the high-intensity nature of this program, it is advised that a student not have outside employment.

Administrative office hours may differ from scheduled class hours. Administrative office hours are generally Monday-Friday 9:00 am to 5:00 pm.

Classes are offered and scheduled by ECPI University in sequences or combinations to allow the student to complete the program in a timely manner. ECPI University reserves the right to alter schedules so that proper facilities, equipment, and faculty are available. As per the Florida Board of Nursing regulations, the maximum number of students in a clinical placement is 12 students to 1 faculty ratio and the maximum ratio for preceptored experiences is 18 students to 1 faculty ratio.

The sequence in which courses are taught during the program may change at the discretion of ECPI University. Prerequisites for all courses are listed in the Course Description section of this catalog.

## Locations

Orlando, FL (Lake Mary)

# Cyber and Information Security Technology (B to BS)

## Overview

### College
College of Technology

### Program CIP Code
11.1003

The Bachelor of Science in Cyber and Information Security Technology (BS CIST Degree Completion) program covers all aspects of the use of computers and information systems in today's organizations. Students are introduced to a variety of operating system environments, networking technologies, and associated security practices. With the growth of the internet, organizations are networking and securing their internal computer resources and also connecting to external internet-based resources. The pervasiveness of the internet and the rise of cloud computing present challenges in defending critical network infrastructure against cyber threats. These employer-driven, hands-on, interactive educational programs equip students with cyber and networking skills required for career-entry positions in a wide range of companies. The Bachelor of Science in Cyber and Information Security Technology program is designed to provide accelerated degree completion and new career options for candidates who have previously earned a bachelor's degree.

See also the following additional program information:

- **Admissions Requirements >** Cyber and Information Security Technology | B to BS.

## About Cyber and Information Security Technology

The Bachelor of Science in Cyber and Information Security Technology program will prepare graduates for IT career paths, including network and cybersecurity positions. Graduates will be prepared to plan, design, and implement computer hardware, software, networking, and cybersecurity systems. They may also work as security analysts, network architects, or administrators who design, implement, and maintain computer networks, including wireless networks. Graduates also may work in cyber defensive or offensive roles. Certain positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

Some entry-level job titles for a Bachelor of Science in Cyber and Information Security Technology graduate include: Cybersecurity Operations and Maintenance Specialist, Network and Datacenter Administrator, Virtual Server Administrator, Storage Technology Manager, Systems Analyst, and Systems Administrator. IST graduates are required in many industries, so employment could be expected in most any military or business setting.

## Program Objectives

Graduates of the Bachelor of Science in Cyber and Information Security Technology program are expected to attain the following objectives within a few years of graduation:

- Show innovation in applying the skills and techniques of computing in their professions
- Pursue lifelong learning to ensure currency and continuous improvement of technical and soft skills and abilities
- Participate actively as a member of the computing community, through professional organizations or other activities that serve the profession
- Contribute to the advancement of computing while upholding the professional and ethical responsibilities of the field
- Exhibit expertise in leadership and management in the profession
- Develop adaptive solutions to evolving needs using industry-current tools and processes
- Apply cybersecurity and risk management principles universally
- Apply AI techniques in cybersecurity to enhance threat detection, risk mitigation, and defense against cyber attacks.

## Recommended Certifications

ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Available certifications for this program include Microsoft, Cisco, and Oracle certifications; A+, Network+, Linux+, and Security+; and Certified Ethical Hacker (CEH).

## Outcomes

Students in the Bachelor of Science in Cyber and Information Security Technology program develop planning, design, implementation, and support skills in operating systems, networking, software programs, and security.  Students develop additional focused skills based on which major the student pursues. Students also learn principles of excellent customer service in order to assist clients with technical issues.

Upon completion of the Bachelor of Science in Cyber and Information Security Technology program, graduates are able to:

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCIST.05.0

**Active?**
Yes

**Effective Start Term**
202509 E

**Effective Start Date**
Sep 2, 2025

**Outcome Statement**
Function effectively as a member or leader of a team engaged in activities appropriate to the programs discipline.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCIST.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Communicate effectively in a variety of professional contexts.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCIST.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Make informed judgments in computing practice based on ethics, law, regulatory environment, and standards of the profession.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCIST.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the programs discipline.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCIST.06.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply security principles and practices to the environment, hardware, software, and human aspects of a system.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCIST.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply principles of computing and other relevant disciplines to analyze and solve a complex computing problem.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCIST.07.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Analyze and evaluate systems to maintain operations in the presence of risks and threats.

For additional information about the program link to: https://www.ecpi.edu/programs/bachelors-to-bachelors-cyber-network-security-degree-completion. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 12 months, through our year-round schedule, you can earn a Bachelor of Science in Cyber and Information Security Technology.

# Requirements

## Simple Requirements

**Program Requirements**

A student entering the Bachelor of Science in Cyber and Information Security Technology will transfer a minimum of 60 credit hours from his/her previous baccalaureate degree.  These credits include 30 Arts and Sciences credits and 30 elective credits.

This program requires a total of 120 semester credit hours. A student transferring in the minimum 60 semester credit hours will be required to complete 60 credit hours. The program length is 3 semesters, which is equivalent to 12 months or 50 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

### Type
Completion Requirement

Core Courses

60 semester credit hours

**Complete ALL of the following Courses:**

- ACS100 - Computing Fundamentals
- ACS140 - CyberPython: AI and Automation for Security
- ACS150 - Networking Fundamentals
- ACS200 - Security Fundamentals with AI
- ACS200L - Advanced Cybersecurity with AI Lab
- ACS225 - Windows Administration
- ACS250 - Linux Administration
- ACS300 - Routing and Switching Fundamentals
- ACS340 - Cloud Intelligence: AI and Machine Learning in the Cloud
- ACS400 - Ethical Hacking with AI
- ACS460 - SOC Analyst

The Bachelor of Science in Cyber and Information Security Technology program has the following program requirements.

## Locations

Virginia Beach, VA (Main), Charlotte, NC, Greensboro, NC, Manassas, VA (Northern Virginia), Newport News, VA, Orlando, FL (Lake Mary), Raleigh, NC, Richmond, VA (Glen Allen), Roanoke, VA, San Antonio, TX

# Criminal Justice (BS) | Crime and Intelligence Analysis Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
43.0408

### Program Overview

The Bachelor of Science in Criminal Justice degree provides a practice-based approach to learning through an overview of law enforcement, corrections, the court system and private security in the United States. Crime and other threats affect the stability of both local communities and the nation's security. Members of the criminal justice system and certain related emergency management sectors work to identify and eliminate these threats.

### About Criminal Justice

Graduates of the Bachelor of Science in Criminal Justice program have many career opportunities. These career paths may lead students to positions within or related law enforcement, the courts, corrections (including community corrections such as probation and parole), emergency management and private security, one of the fastest growing sectors in criminal justice. Criminal justice positions generally are located within federal, state and local government agencies but can also be found in the military and private corporations inside the United States and beyond.

Graduates of the B.S. degree program in Criminal Justice (with the **Crime & Intelligence Analysis concentration**) are positioned to compete for employment in federal, state, local and military law enforcement agencies, and private companies. Graduates are also positioned to compete for employment in transportation security organizations, emergency management agencies, banks, or financial institutions and public health departments. This is only a partial list of common employment opportunities.

Applicants for employment in criminal justice must be capable of completing an employment process which may include the following:

- Criminal History Check
- Drug Screening
- Psychological Screening/ Mental Health History
- Driving Record
- Polygraph Examination
- Security Clearance
- Physical Agility
- Physical Health Evaluation
- Military Disciplinary History
- Domestic Violence Investigations
- Credit History
- Social Networking Background Investigation
- Background Investigation
- Panel Interviews
- Behavioral Assessment
- Possession of a Valid Driver's License
- Compliance with policies regarding body art/ tattoos and piercings
- Tobacco Free Agreement
- Educational History

### Recommended Certifications

Certifications are not required for completion of this program but are encouraged. ECPI University provides vouchers allowing students to take certification exams at a greatly reduced cost. See the Campus Program Director for a discussion on certifications offered at that Campus.

Externships are opportunities for students to gain mentored, practical experience in a "real world" job setting. Students in the College of Criminal Justice are not required to complete an externship as part of their programs of study. Each student who wishes to complete an externship will be assisted by Career Services in finding a suitable externship opportunity.

## Outcomes

Upon successful completion of the program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.06.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate emergency operations plans.

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSCJ-CIA.01.3

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply intelligence analysis to forecast security threats.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ethical standards across professional and personal settings.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate the quality and sufficiency of evidence in the criminal justice process.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Assess criminal justice issues using modern techniques including technology.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Analyze the impact of human behavior on crime.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.05.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply the skills needed to manage crisis within various populations.

For additional information about the program link to: http://www.ecpi.edu/business/program/criminal-justice-bachelor-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 2.5 years, through the year-round schedule, students can earn a Bachelor of Science in Criminal Justice.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Criminal Justice degree, students must earn 121 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

48 semester credit hours

**Complete ALL of the following Courses:**

- CJ100 - Introduction to Criminal Justice
- CJ106 - Criminal Law
- CJ110 - Law Enforcement Operations
- CJ125 - Criminal Procedure
- CJ130 - Ethics in Criminal Justice
- CJ135 - Corrections
- CJ200 - Investigations
- CJ225 - Crime Scene Management
- CJ229 - Cybercrime Investigations
- CJ230 - Introduction to Terrorism
- CJ235 - Criminology
- CJ325 - CJ Special Populations
- CJ350 - Criminal Justice Documentation
- CJ380 - Private Security
- CJ410 - CJ Capstone Project
- CJ430 - Critical Incident Management

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PHY120 - Physics
- PHY120L - Physics Lab
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Crime and Intelligence Analysis Concentration Requirements**

### Type
Completion Requirement

Crime and Intelligence Analysis Concentration Courses

18 semester credit hours

**Complete ALL of the following Courses:**

- CJ240 - Intelligence
- CJ250 - Introduction to Geospatial Technologies
- CJ301 - Crime Intelligence Analysis
- CJ361 - Law Enforcement Management
- CJ390 - Crime Mapping
- CJ400 - Fraud Examination

**Elective Requirements**

### Type
Completion Requirement

Elective Courses

18 semester credit hours

**Earn at least 18 credits from the following:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- BUS121 - Introduction to Business
- CJ115 - Drugs and Crime
- CJ205 - Juvenile Justice
- CJ240 - Intelligence
- CJ245 - Multi-Cultural Communication for Law Enforcement
- CJ250 - Introduction to Geospatial Technologies
- CJ290 - Externship-CJ III
- CJ291 - Externship-CJ II
- CJ292 - Externship-CJ I-a
- CJ305 - Victimology
- CJ310 - Digital Forensic Analysis
- CJ320 - Human Trafficking and Domestic Violence
- CJ340 - Organized Crime
- CJ361 - Law Enforcement Management
- CJ370 - Rules of Evidence
- CJ390 - Crime Mapping
- CJ400 - Fraud Examination
- CJ416 - Domestic Terrorism
- CJ461 - Media Relations For Law Enforcement
- CJ480 - Community Corrections
- CJ485 - Homeland Security
- CJ490 - Externship-CJ Sr. III
- CST100 - Introduction to Computing
- CST120 - Computer Configuration I
- CST140 - Introduction to Operating Systems

The Bachelor of Science in Criminal Justice | Crime and Intelligence Analysis concentration has the following program requirements.

## Locations

Online, Newport News, VA

# Criminal Justice (BS) | Criminal Justice Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
43.0104

### Program Overview

The Bachelor of Science in Criminal Justice degree provides a practice-based approach to learning through an overview of law enforcement, corrections, the court system and private security in the United States. Crime and other threats affect the stability of both local communities and the nation's security. Members of the criminal justice system and certain related emergency management sectors work to identify and eliminate these threats.

### About Criminal Justice

Graduates of the Bachelor of Science in Criminal Justice program have many career opportunities. These career paths may lead students to positions within or related law enforcement, the courts, corrections (including community corrections such as probation and parole), emergency management and private security, one of the fastest growing sectors in criminal justice. Criminal justice positions generally are located within federal, state and local government agencies but can also be found in the military and private corporations inside the United States and beyond.

Graduates of the B.S. degree program in Criminal Justice (with the **Criminal Justice concentration**) are positioned to compete for employment in federal, state, local and military law enforcement agencies, courts, law firms, prisons, jails, federal and state (adult and juvenile) probation and parole offices, rehabilitative facilities and private security firms. Graduates are also positioned to compete for employment in transportation security organizations, emergency management agencies and public health departments. This is only a partial list of common employment opportunities.

Applicants for employment in criminal justice must be capable of completing an employment process which may include the following:

- Criminal History Check
- Drug Screening
- Psychological Screening/ Mental Health History
- Driving Record
- Polygraph Examination
- Security Clearance
- Physical Agility
- Physical Health Evaluation
- Military Disciplinary History
- Domestic Violence Investigations
- Credit History
- Social Networking Background Investigation
- Background Investigation
- Panel Interviews
- Behavioral Assessment
- Possession of a Valid Driver's License
- Compliance with policies regarding body art/ tattoos and piercings
- Tobacco Free Agreement
- Educational History

### Recommended Certifications

Certifications are not required for completion of this program but are encouraged. ECPI University provides vouchers allowing students to take certification exams at a greatly reduced cost. See the Campus Program Director for a discussion on certifications offered at that Campus.

Externships are opportunities for students to gain mentored, practical experience in a "real world" job setting. Students in the College of Criminal Justice are not required to complete an externship as part of their programs of study. Each student who wishes to complete an externship will be assisted by Career Services in finding a suitable externship opportunity.

## Outcomes

Upon successful completion of the program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSCJ-CJ.01.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Analyze the major functions of the criminal justice system.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.06.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate emergency operations plans.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ethical standards across professional and personal settings.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate the quality and sufficiency of evidence in the criminal justice process.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Assess criminal justice issues using modern techniques including technology.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Analyze the impact of human behavior on crime.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.05.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply the skills needed to manage crisis within various populations.

For additional information about the program link to: http://www.ecpi.edu/business/program/criminal-justice-bachelor-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 2.5 years, through the year-round schedule, students can earn a Bachelor of Science in Criminal Justice.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Criminal Justice degree, students must earn 121 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

48 semester credit hours

**Complete ALL of the following Courses:**

- CJ100 - Introduction to Criminal Justice
- CJ106 - Criminal Law
- CJ110 - Law Enforcement Operations
- CJ125 - Criminal Procedure
- CJ130 - Ethics in Criminal Justice
- CJ135 - Corrections
- CJ200 - Investigations
- CJ225 - Crime Scene Management
- CJ229 - Cybercrime Investigations
- CJ230 - Introduction to Terrorism
- CJ235 - Criminology
- CJ325 - CJ Special Populations
- CJ350 - Criminal Justice Documentation
- CJ380 - Private Security
- CJ410 - CJ Capstone Project
- CJ430 - Critical Incident Management

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PHY120 - Physics
- PHY120L - Physics Lab
- PSY225 - Industrial/Organizational Psychology
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Criminal Justice Concentration Requirements**

### Type

Completion Requirement

Criminal Justice Concentration Courses

18 semester credit hours plus electives

**Complete ALL of the following Courses:**

- CJ115 - Drugs and Crime
- CJ205 - Juvenile Justice
- CJ370 - Rules of Evidence
- CJ435 - Emergency Planning
- CJ461 - Media Relations For Law Enforcement
- CJ480 - Community Corrections

**Elective Requirements**

### Type

Completion Requirement

Elective Courses

18 semester credit hours

**Earn at least 18 credits from the following:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- BUS121 - Introduction to Business
- CJ115 - Drugs and Crime
- CJ205 - Juvenile Justice
- CJ240 - Intelligence
- CJ245 - Multi-Cultural Communication for Law Enforcement
- CJ250 - Introduction to Geospatial Technologies
- CJ290 - Externship-CJ III
- CJ291 - Externship-CJ II
- CJ292 - Externship-CJ I-a
- CJ305 - Victimology
- CJ310 - Digital Forensic Analysis
- CJ320 - Human Trafficking and Domestic Violence
- CJ340 - Organized Crime
- CJ361 - Law Enforcement Management
- CJ370 - Rules of Evidence
- CJ390 - Crime Mapping
- CJ400 - Fraud Examination
- CJ416 - Domestic Terrorism
- CJ461 - Media Relations For Law Enforcement
- CJ480 - Community Corrections
- CJ485 - Homeland Security
- CJ490 - Externship-CJ Sr. III
- CST100 - Introduction to Computing
- CST120 - Computer Configuration I
- CST140 - Introduction to Operating Systems

The Bachelor of Science in Criminal Justice | Criminal Justice concentration has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Newport News, VA, Raleigh, NC

# Criminal Justice (BS) | Digital Forensics Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
43.0403

### Program Overview

The Bachelor of Science in Criminal Justice degree provides a practice-based approach to learning through an overview of law enforcement, corrections, the court system and private security in the United States. Crime and other threats affect the stability of both local communities and the nation's security. Members of the criminal justice system and certain related emergency management sectors work to identify and eliminate these threats.

### About Criminal Justice

Graduates of the Bachelor of Science in Criminal Justice program have many career opportunities. These career paths may lead students to positions within or related law enforcement, the courts, corrections (including community corrections such as probation and parole), emergency management and private security, one of the fastest growing sectors in criminal justice. Criminal justice positions generally are located within federal, state and local government agencies but can also be found in the military and private corporations inside the United States and beyond.

Graduates of the B.S. degree program in Criminal Justice (with the **Digital Forensics concentration**) are positioned to compete for employment primarily in law enforcement fields that focus on the security of United States citizens, security and control of U.S. borders and protection of domestic critical infrastructure sectors including transportation. These agencies are looking for skilled employees who can assist in the fight to bring cyber criminals to justice and stop the current rise in cyber-attacks and computer crimes. Graduates are also positioned to compete for employment in private digital forensic companies and private security firms. This is only a partial list of common employment opportunities.

Applicants for employment in criminal justice must be capable of completing an employment process which may include the following:

- Criminal History Check
- Drug Screening
- Psychological Screening/ Mental Health History
- Driving Record
- Polygraph Examination
- Security Clearance
- Physical Agility
- Physical Health Evaluation
- Military Disciplinary History
- Domestic Violence Investigations
- Credit History
- Social Networking Background Investigation
- Background Investigation
- Panel Interviews
- Behavioral Assessment
- Possession of a Valid Driver's License
- Compliance with policies regarding body art/ tattoos and piercings
- Tobacco Free Agreement
- Educational History

### Recommended Certifications

Certifications are not required for completion of this program but are encouraged. ECPI University provides vouchers allowing students to take certification exams at a greatly reduced cost. See the Campus Program Director for a discussion on certifications offered at that Campus.

Externships are opportunities for students to gain mentored, practical experience in a "real world" job setting. Students in the College of Criminal Justice are not required to complete an externship as part of their programs of study. Each student who wishes to complete an externship will be assisted by Career Services in finding a suitable externship opportunity.

## Outcomes

Upon successful completion of the program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSCJ-DF.01.2

**Effective Start Term**
202601 E

**Effective Start Date**
Jan 26, 2026

**Outcome Statement**
Apply digital forensic investigative techniques.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.06.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate emergency operations plans.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ethical standards across professional and personal settings.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate the quality and sufficiency of evidence in the criminal justice process.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Assess criminal justice issues using modern techniques including technology.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Analyze the impact of human behavior on crime.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.05.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply the skills needed to manage crisis within various populations.

For additional information about the program link to: http://www.ecpi.edu/business/program/criminal-justice-bachelor-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 2.5 years, through the year-round schedule, students can earn a Bachelor of Science in Criminal Justice.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Criminal Justice degree, students must earn 121 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

48 semester credit hours

**Complete ALL of the following Courses:**

- CJ100 - Introduction to Criminal Justice
- CJ106 - Criminal Law
- CJ110 - Law Enforcement Operations
- CJ125 - Criminal Procedure
- CJ130 - Ethics in Criminal Justice
- CJ135 - Corrections
- CJ200 - Investigations
- CJ225 - Crime Scene Management
- CJ229 - Cybercrime Investigations
- CJ230 - Introduction to Terrorism
- CJ235 - Criminology
- CJ325 - CJ Special Populations
- CJ350 - Criminal Justice Documentation
- CJ380 - Private Security
- CJ410 - CJ Capstone Project
- CJ430 - Critical Incident Management

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PHY120 - Physics
- PHY120L - Physics Lab
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Digital Forensics Concentration Requirements**

### Type

Completion Requirement

Digital Forensics Concentration Courses

27 semester credit hours

**Complete ALL of the following Courses:**

- CJ310 - Digital Forensic Analysis
- CJ315 - Mobile Device Forensics
- CST120 - Computer Configuration I
- CST140 - Introduction to Operating Systems
- CST160 - Introduction to Networking
- CST200 - Linux Administration
- CYB200 - Network Protocols and Services
- CYB250 - Principles of Cybersecurity with AI
- CYB300 - Advanced Cybersecurity with AI

**Elective Requirements**

### Type

Completion Requirement

Elective Courses

Choose from the following:

**Earn at least 9 credits from the following:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- BUS121 - Introduction to Business
- CJ115 - Drugs and Crime
- CJ205 - Juvenile Justice
- CJ240 - Intelligence
- CJ245 - Multi-Cultural Communication for Law Enforcement
- CJ250 - Introduction to Geospatial Technologies
- CJ290 - Externship-CJ III
- CJ291 - Externship-CJ II
- CJ292 - Externship-CJ I-a
- CJ305 - Victimology
- CJ320 - Human Trafficking and Domestic Violence
- CJ340 - Organized Crime
- CJ361 - Law Enforcement Management
- CJ370 - Rules of Evidence
- CJ390 - Crime Mapping
- CJ400 - Fraud Examination
- CJ416 - Domestic Terrorism
- CJ461 - Media Relations For Law Enforcement
- CJ480 - Community Corrections
- CJ485 - Homeland Security
- CJ490 - Externship-CJ Sr. III
- CST100 - Introduction to Computing
- CST120 - Computer Configuration I
- CST140 - Introduction to Operating Systems

## Locations

Virginia Beach, VA (Main), Online, Newport News, VA

# Criminal Justice (BS) | Homeland Security Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
43.0104

### Program Overview

The Bachelor of Science in Criminal Justice degree provides a practice-based approach to learning through an overview of law enforcement, corrections, the court system and private security in the United States. Crime and other threats affect the stability of both local communities and the nation's security. Members of the criminal justice system and certain related emergency management sectors work to identify and eliminate these threats.

### About Criminal Justice

Graduates of the Bachelor of Science in Criminal Justice program have many career opportunities. These career paths may lead students to positions within or related law enforcement, the courts, corrections (including community corrections such as probation and parole), emergency management and private security, one of the fastest growing sectors in criminal justice. Criminal justice positions generally are located within federal, state and local government agencies but can also be found in the military and private corporations inside the United States and beyond.

Graduates of the B.S. degree program in Criminal Justice (with the **Homeland Security concentration**) are positioned to compete for employment primarily in law enforcement fields that focus on the security of United States citizens, security and control of U.S. borders and protection of domestic critical infrastructure sectors including transportation. Graduates are also positioned to compete for employment in federal, state, and local law enforcement agencies in positions not solely focused on homeland security, probation offices, parole offices, emergency management agencies and private security firms. This is only a partial list of common employment opportunities.

Applicants for employment in criminal justice must be capable of completing an employment process which may include the following:

- Criminal History Check
- Drug Screening
- Psychological Screening/ Mental Health History
- Driving Record
- Polygraph Examination
- Security Clearance
- Physical Agility
- Physical Health Evaluation
- Military Disciplinary History
- Domestic Violence Investigations
- Credit History
- Social Networking Background Investigation
- Background Investigation
- Panel Interviews
- Behavioral Assessment
- Possession of a Valid Driver's License
- Compliance with policies regarding body art/ tattoos and piercings
- Tobacco Free Agreement
- Educational History

## Recommended Certifications

Certifications are not required for completion of this program but are encouraged. ECPI University provides vouchers allowing students to take certification exams at a greatly reduced cost. See the Campus Program Director for a discussion on certifications offered at that Campus.

Externships are opportunities for students to gain mentored, practical experience in a "real world" job setting. Students in the College of Criminal Justice are not required to complete an externship as part of their programs of study. Each student who wishes to complete an externship will be assisted by Career Services in finding a suitable externship opportunity.

## Outcomes

Upon successful completion of the program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSCJ-HLS.01.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate security and response plans for the nations critical infrastructure.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.06.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate emergency operations plans.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ethical standards across professional and personal settings.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate the quality and sufficiency of evidence in the criminal justice process.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Assess criminal justice issues using modern techniques including technology.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Analyze the impact of human behavior on crime.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSCJ.05.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply the skills needed to manage crisis within various populations.

For additional information about the program link to: http://www.ecpi.edu/business/program/criminal-justice-bachelor-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 2.5 years, through the year-round schedule, students can earn a Bachelor of Science in Criminal Justice.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Criminal Justice degree, students must earn 121 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

48 semester credit hours

**Complete ALL of the following Courses:**

- CJ100 - Introduction to Criminal Justice
- CJ106 - Criminal Law
- CJ110 - Law Enforcement Operations
- CJ125 - Criminal Procedure
- CJ130 - Ethics in Criminal Justice
- CJ135 - Corrections
- CJ200 - Investigations
- CJ225 - Crime Scene Management
- CJ229 - Cybercrime Investigations
- CJ230 - Introduction to Terrorism
- CJ235 - Criminology
- CJ325 - CJ Special Populations
- CJ350 - Criminal Justice Documentation
- CJ380 - Private Security
- CJ410 - CJ Capstone Project
- CJ430 - Critical Incident Management

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PHY120 - Physics
- PHY120L - Physics Lab
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Homeland Security Concentration Requirements**

### Type

Completion Requirement

Homeland Security Concentration Courses

18 semester credit hours plus electives

**Complete ALL of the following Courses:**

- CJ210 - Global Comparative Justice
- CJ245 - Multi-Cultural Communication for Law Enforcement
- CJ320 - Human Trafficking and Domestic Violence
- CJ416 - Domestic Terrorism
- CJ435 - Emergency Planning
- CJ485 - Homeland Security

**Elective Requirements**

### Type

Completion Requirement

Elective Courses

**Earn at least 18 credits from the following:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- BUS121 - Introduction to Business
- CJ115 - Drugs and Crime
- CJ205 - Juvenile Justice
- CJ240 - Intelligence
- CJ245 - Multi-Cultural Communication for Law Enforcement
- CJ250 - Introduction to Geospatial Technologies
- CJ290 - Externship-CJ III
- CJ291 - Externship-CJ II
- CJ292 - Externship-CJ I-a
- CJ305 - Victimology
- CJ310 - Digital Forensic Analysis
- CJ320 - Human Trafficking and Domestic Violence
- CJ340 - Organized Crime
- CJ361 - Law Enforcement Management
- CJ370 - Rules of Evidence
- CJ390 - Crime Mapping
- CJ400 - Fraud Examination
- CJ416 - Domestic Terrorism
- CJ461 - Media Relations For Law Enforcement
- CJ480 - Community Corrections
- CJ485 - Homeland Security
- CJ490 - Externship-CJ Sr. III
- CST100 - Introduction to Computing
- CST120 - Computer Configuration I
- CST140 - Introduction to Operating Systems

The Bachelor of Science in Criminal Justice | Homeland Security concentration has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Newport News, VA, Raleigh, NC

# Electronics Engineering Technology (BS) | Electronics Engineering Technology Concentration

## Overview

### College
College of Technology

### Program CIP Code
15.1202

The Bachelor of Science in Electronics Engineering Technology program focuses on real-world application of engineering principles. Students in the Bachelor of Science in Electronics Engineering Technology programs will take a hands-on approach, utilizing a variety of electronic systems and tools to analyze and solve real world problems. The program focuses on needed skills and competencies to develop solutions for automation and robotics systems. Through a capstone experience, students will implement, test, and demonstrate a solution to a problem statement related to engineering technology systems utilizing acquired skills in Programmable Logic Controllers and microcontrollers programming.

Students in the Bachelor of Science in Electronics Engineering Technology program learn to design and build electronic systems through a strong foundation in analog and digital electronics. They are able to apply the acquired engineering and mathematical principles to implement and maintain computers and control systems.

Students enrolled in the Electronics Engineering Technology concentration will apply acquired knowledge to design and repair computer, control and embedded systems as well as implementing industrial automation solutions.

With the new emerging technologies, a skilled workforce in the electronics field has been and will continue to be in demand for the maintenance, repair, installation, quality assurance, and research and development fields.

## About Electronics Engineering Technology

Graduates of this degree program are able to design, install, maintain, and repair electrical and electronic equipment. They serve as a link between engineers and technicians in the workplace, and often work with engineers from the conception of an electronic product until its final production. They assist engineers in the development, testing, production, and quality assurance of components such as circuit boards, wireless phones, medical equipment, and control systems. Electronics Engineering Technologists are needed in many industries and can find employment in work environments where electronics are used extensively.

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

The curriculum provides graduates with the education and foundation needed for employment in a variety of industries in the private and public sector, including the computer industry, homeland security, automation and manufacturing, and education. Electronics Engineering Technology graduates are employed in a wide spectrum of areas, in positions such as: Engineering Consultant, Electrical Engineering or Computer Engineering Technologist, Product Engineer, or Project Manager.

## Program Objectives

Graduates of the Bachelor of Science in Electronics Engineering Technology program are expected to attain the following objectives within a few years of graduation:

- Apply acquired technical and analytical skills as it relates to their professional positions in electrical, electronic, and related industries.
- Apply relative mathematical, science, and engineering methods to solve technical problems.
- Analyze and implement complex systems including both hardware and software.
- Pursue lifelong learning and successful professional careers.
- Perform as effective team members through adequate oral and written communication skills.
- Relate and exercise an educated judgment in regards to their professional and ethical responsibilities.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Available certifications for this program include Fiber Optics Installer (FOI), Fiber Optics Technician (FOT), A+ Certification, Network+ Certification, Security+ Certification, GMDSS - Global Maritime Distress and Safety System Maintainer License, GROL - General Radiotelephone Operator's License, and Associate CET.

## Outcomes

Upon completion of the Bachelor of Science in Electronics Engineering Technology | Electronics Engineering Technology Concentration, graduates will be able to:

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSEET.01.1

**Active?**
Yes

**Effective Start Term**
202601 E

**Effective Start Date**
Jan 26, 2026

**Outcome Statement**
Apply basic knowledge of mathematics, science, and engineering to solve engineering problems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSESET.03.1

**Active?**
Yes

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Apply written, oral, and graphical communication in broadly-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSEET-EET.01.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Design and configure computer, communication, and control systems.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSEET-EET.02.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Analyze typical circuits used in communication systems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSEET.02.1

**Active?**
Yes

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Integrate various systems containing hardware and software components.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSEET.03.1

**Active?**
Yes

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Synthesize hardware and software solutions to meet specific operational requirements of engineering problems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSEET.06.1

**Active?**
Yes

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Perform as an effective team member or leader.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSEET.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Interpret testing results to solve technical problems and improve processes.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSEET.05.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply written, oral, and graphical communication in both technical and non- technical environments.

For additional information about the program link to: http://www.ecpi.edu/technology/?intcmp=technology-btn. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services, which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 2.5 years, through our year-round schedule, you can earn a Bachelor of Science in Electronics Engineering Technology.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Electronics Engineering Technology, students must earn 124 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

52 semester credit hours

**Fulfill ALL of the following requirements:**

ELECTRICITY

**Complete ALL of the following Courses:**

- EET110 - Electric Circuits I
- ESET111 - Electric Circuits II
- ESET111L - Electric Circuits II Lab
- EET310 - Circuit Analysis

**AND**

ANALOG ELECTRONICS

**Complete ALL of the following Courses:**

- EET120 - Semiconductor Devices
- EET121 - Electronic Systems Applications
- EET220 - Industrial Applications
- EET221L - Instrumentation and Measurement Lab

**AND**

DIGITAL ELECTRONICS

**Complete ALL of the following Courses:**

- EET130 - Digital Systems I
- EET230 - Digital Systems II
- EET230L - Digital Systems Lab

**AND**

NETWORKING

**Complete ALL of the following Courses:**

- CST160 - Introduction to Networking

**AND**

PROGRAMMING

**Complete ALL of the following Courses:**

- EET207 - Applied Engineering Programming
- SDC100 - Introduction to Programming

**AND**

CONTROL SYSTEMS

**Complete ALL of the following Courses:**

- EET231 - Introduction to Programmable Logic Controllers
- EET231L - Introduction to Programmable Logic Controllers Lab
- EET331 - Programmable Controllers and Robotics
- EET331L - Programmable Controllers and Robotics Lab

**AND**

EMBEDDED AND DRIVE SYSTEMS

Choose one course and corresponding lab.

**Earn at least 4 credits from the following:**

- EET390 - Motor Drives
- EET390L - Motor Drives Lab
- EET430 - Microcontrollers
- EET430L - Microcontrollers Lab

**AND**

SENIOR PROJECT

**Complete ALL of the following Courses:**

- EET411 - Senior Project
- EET411L - Senior Project Lab

**Arts and Sciences Requirements**

### Type

Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication

- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH200 - Pre-calculus
- PHY120 - Physics
- PHY120L - Physics Lab

**AND**

Choose two of the following courses.

**Complete at least 2 of the following courses:**

- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- COR191 - Career Orientation
- CST120 - Computer Configuration I
- ET102 - Engineering Math and Software Applications
- FOR110 - Essentials for Success

**Electronics Engineering Technology Concentration Requirements**

### Type
Completion Requirement

Electronics Engineering Technology Concentration Courses

16 semester credit hours

**Complete ALL of the following Courses:**

- CYB200 - Network Protocols and Services
- EET280 - Introduction to Communication Systems
- EET320 - Semiconductor Processing
- EET333 - Robotics Programming and Machine Learning
- EET333L - Robotics Programming and Machine Learning Lab
- EET380 - Digital Communications I

**Elective Requirements**

### Type
Completion Requirement

Elective Courses

15 semester credit hours

*Students must meet all pre-requisite requirements for their chosen electives.*

**Fulfill ANY of the following requirements:**

BUSINESS

**Complete ANY of the following Courses:**

- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business
- BUS242 - Emerging Technologies and World of AI
- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

**Additional business and management coursework that supports engineering technology practice may be approved for elective credit, subject to departmental review for relevance to program outcomes.*

**OR**

ELECTRONICS

**Complete ANY of the following Courses:**

- EET233 - Robotics and Smart Manufacturing (SM)
- EET233L - Robotics and Smart Manufacturing (SM) Lab
- EET301 - Special Topics in Engineering Technology
- EET350 - Overview of Electronic Security Devices
- EET352 - Engineering Economics

**OR**

INFORMATION SYSTEMS

**Complete ANY of the following Courses:**

- CST140 - Introduction to Operating Systems
- CYB120 - Introduction to Python Programming
- SDC100L - Introduction to Programming LAB

**OR**

MATH

**Complete ANY of the following Courses:**

- MTH220 - Applied Calculus I
- MTH320 - Applied Calculus II

**OR**

MECHANICAL

**Complete ANY of the following Courses:**

- MET114 - Introduction to Geometric Dimensioning and Tolerancing (GD and T)
- MET213 - Advanced 3D Modeling
- MET221 - Manufacturing Processes
- MET223 - Applied Machine Tools
- MET224 - CNC Machines Operation
- MET230L - Hydraulics and Pneumatics Systems Lab
- MET311 - Mechanisms
- MET313 - Applied Strength of Materials
- MET330 - Applied Fluid Mechanics
- MET330L - Applied Fluid Mechanics Lab

**OR**

EXTERNSHIP

**Complete ANY of the following Courses:**

- EET302 - Externship-EET Sr. III
- EET306 - Externship-EET Sr. I-a
- EET307 - Externship-EET Sr. I-b

- EET308 - Externship-EET Sr. I-c
- EET309 - Externship-EET Sr. II

The Bachelor of Science in Electronics Engineering Technology | Electronics Engineering Technology Concentration has the following program requirements.

## Locations

Charleston, SC, Charlotte, NC, Greensboro, NC, Manassas, VA (Northern Virginia), Orlando, FL (Lake Mary), Raleigh, NC, Richmond, VA (Glen Allen), San Antonio, TX

# Electronics Engineering Technology (BS) | Mechatronics Concentration

## Overview

### College
College of Technology

### Program CIP Code
15.0406

The Bachelor of Science in Electronics Engineering Technology program focuses on real-world application of engineering principles. Students in the Bachelor of Science in Electronics Engineering Technology programs will take a hands-on approach, utilizing a variety of electronic systems and tools to analyze and solve real world problems. The program focuses on needed skills and competencies to develop solutions for automation and robotics systems. Through a capstone experience, students will implement, test, and demonstrate a solution to a problem statement related to engineering technology systems utilizing acquired skills in Programmable Logic Controllers and microcontrollers programming.

Students enrolled in the Mechatronics concentration will apply acquired knowledge to design and repair mechanical, electronics, and control systems.

With the new emerging technologies, a skilled workforce in the electronics field has been and will continue to be in demand for the maintenance, repair, installation, quality assurance, and research and development fields.

## About Electronics Engineering Technology

Graduates of this degree program are able to design, install, maintain, and repair electrical and electronic equipment. They serve as a link between engineers and technicians in the workplace, and often work with engineers from the conception of an electronic product until its final production. They assist engineers in the development, testing, production, and quality assurance of components such as circuit boards, wireless phones, medical equipment, and control systems. Electronics Engineering Technologists are needed in many industries and can find employment in work environments where electronics are used extensively.

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

The curriculum provides graduates with the education and foundation needed for employment in a variety of industries in the private and public sector, including the computer industry, homeland security, automation and manufacturing, and education. Graduates of the Mechatronics concentration area may also be employed as Automation Engineers and might enjoy a career working with robotics.

## Program Objectives

Graduates of the Bachelor of Science in Electronics Engineering Technology program are expected to attain the following objectives within a few years of graduation:

- Apply acquired technical and analytical skills as it relates to their professional positions in electrical, electronic, and related industries
- Apply relative mathematical, science, and engineering methods to solve technical problems
- Analyze and implement complex systems including both hardware and software
- Pursue lifelong learning and successful professional careers
- Perform as effective team members through adequate oral and written communication skills
- Relate and exercise an educated judgment in regards to their professional and ethical responsibilities

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Available certifications for this program include Fiber Optics Installer (FOI), Fiber Optics Technician (FOT), A+ Certification, Network+ Certification, Security+ Certification, GMDSS - Global Maritime Distress and Safety System Maintainer License, GROL - General Radiotelephone Operator's License, and Associate CET.

## Outcomes

Upon completion of the Bachelor of Science in Electronics Engineering Technology | Mechatronics Concentration, graduates will be able to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
BSEET.01.1

### Active?
Yes

**Effective Start Term**
202601 E

**Effective Start Date**
Jan 26, 2026

**Outcome Statement**
Apply basic knowledge of mathematics, science, and engineering to solve engineering problems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSESET.03.1

**Active?**
Yes

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Apply written, oral, and graphical communication in broadly-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSEET-M.01.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Create 2D and 3D designs for engineering parts using CAD software.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSEET-M.02.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Implement hydraulic and pneumatic systems.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSEET-M.03.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Analyze forces and their effects on systems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSEET.02.1

**Active?**
Yes

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Integrate various systems containing hardware and software components.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSEET.03.1

**Active?**
Yes

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Synthesize hardware and software solutions to meet specific operational requirements of engineering problems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSEET.06.1

**Active?**
Yes

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Perform as an effective team member or leader.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSEET.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Interpret testing results to solve technical problems and improve processes.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSEET.05.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply written, oral, and graphical communication in both technical and non- technical environments.

For additional information about the program link to: http://www.ecpi.edu/technology/?intcmp=technology-btn. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services, which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In 2.5 years, through our year-round schedule, you can earn a Bachelor of Science in Electronics Engineering Technology.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Electronics Engineering Technology, students must earn 124 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

52 semester credit hours

**Fulfill ALL of the following requirements:**

ELECTRICITY

**Complete ALL of the following Courses:**

- EET110 - Electric Circuits I
- ESET111 - Electric Circuits II
- ESET111L - Electric Circuits II Lab
- EET310 - Circuit Analysis

**AND**

ANALOG ELECTRONICS

**Complete ALL of the following Courses:**

- EET120 - Semiconductor Devices
- EET121 - Electronic Systems Applications
- EET220 - Industrial Applications
- EET221L - Instrumentation and Measurement Lab

**AND**

DIGITAL ELECTRONICS

**Complete ALL of the following Courses:**

- EET130 - Digital Systems I
- EET230 - Digital Systems II
- EET230L - Digital Systems Lab

**AND**

NETWORKING

**Complete ALL of the following Courses:**

- CST160 - Introduction to Networking

**AND**

PROGRAMMING

**Complete ALL of the following Courses:**

- EET207 - Applied Engineering Programming
- SDC100 - Introduction to Programming

**AND**

CONTROL SYSTEMS

**Complete ALL of the following Courses:**

- EET231 - Introduction to Programmable Logic Controllers
- EET231L - Introduction to Programmable Logic Controllers Lab
- EET331 - Programmable Controllers and Robotics
- EET331L - Programmable Controllers and Robotics Lab

**AND**

EMBEDDED AND DRIVE SYSTEMS

Choose one lecture course and corresponding lab.

**Earn at least 4 credits from the following:**

- EET390 - Motor Drives
- EET390L - Motor Drives Lab
- EET430 - Microcontrollers
- EET430L - Microcontrollers Lab

**AND**

SENIOR PROJECT

**Complete ALL of the following Courses:**

- EET411 - Senior Project
- EET411L - Senior Project Lab

**Arts and Sciences Requirements**

### Type

Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication

- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH200 - Pre-calculus
- PHY120 - Physics
- PHY120L - Physics Lab

**AND**

Choose two of the following courses.

**Complete at least 2 of the following courses:**

- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- COR191 - Career Orientation
- CST120 - Computer Configuration I
- ET102 - Engineering Math and Software Applications
- FOR110 - Essentials for Success

**Mechatronics Concentration Requirements**

### Type
Completion Requirement

Mechatronics Concentration Courses

16 semester credit hours

**Complete ALL of the following Courses:**

- MET191 - Materials Science
- MET192 - Graphics Communication
- MET192L - Introduction to 3-D Modeling LAB
- MET211 - Statics
- MET230 - Hydraulics and Pneumatics Systems
- MET410 - Dynamics

**Elective Requirements**

### Type
Completion Requirement

Elective Courses

15 semester credit hours

*Students must meet all pre-requisite requirements for their chosen electives.*

**Fulfill ANY of the following requirements:**

BUSINESS

**Complete ANY of the following Courses:**

- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business
- BUS242 - Emerging Technologies and World of AI
- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

**Additional business and management coursework that supports engineering technology practice may be approved for elective credit, subject to departmental review for relevance to program outcomes.*

**OR**

ELECTRONICS

**Complete ANY of the following Courses:**

- EET233 - Robotics and Smart Manufacturing (SM)
- EET233L - Robotics and Smart Manufacturing (SM) Lab
- EET301 - Special Topics in Engineering Technology
- EET350 - Overview of Electronic Security Devices
- EET352 - Engineering Economics

**OR**

INFORMATION SYSTEMS

**Complete ANY of the following Courses:**

- CST140 - Introduction to Operating Systems
- CYB120 - Introduction to Python Programming
- SDC100L - Introduction to Programming LAB

**OR**

MATH

**Complete ANY of the following Courses:**

- MTH220 - Applied Calculus I
- MTH320 - Applied Calculus II

**OR**

MECHANICAL

**Complete ANY of the following Courses:**

- MET114 - Introduction to Geometric Dimensioning and Tolerancing (GD and T)
- MET213 - Advanced 3D Modeling
- MET221 - Manufacturing Processes
- MET223 - Applied Machine Tools
- MET224 - CNC Machines Operation
- MET230L - Hydraulics and Pneumatics Systems Lab
- MET311 - Mechanisms
- MET313 - Applied Strength of Materials
- MET330 - Applied Fluid Mechanics
- MET330L - Applied Fluid Mechanics Lab

**OR**

EXTERNSHIP

**Complete ANY of the following Courses:**

- EET302 - Externship-EET Sr. III
- EET306 - Externship-EET Sr. I-a
- EET307 - Externship-EET Sr. I-b

- EET308 - Externship-EET Sr. I-c
- EET309 - Externship-EET Sr. II

The Bachelor of Science in Electronics Engineering Technology | Electronics Engineering Technology Concentration has the following program requirements.

## Locations

Charleston, SC, Charlotte, NC, Greensboro, NC, Greenville, SC, Orlando, FL (Lake Mary), Raleigh, NC, Richmond, VA (Glen Allen), San Antonio, TX

# Electronic Systems Engineering Technology (BS) | Electronic Systems Concentration

## Overview

### College
College of Technology

### Program CIP Code
15.1202

The Bachelor of Science in Electronic Systems Engineering Technology (ESET) program focuses on real-world applications of engineering principles. Students in the program will acquire needed skills and competencies to develop solutions for automation and robotics systems.

The Electronic Systems concentration offers a broad exposure to analog and digital electronics, engineering programming, instrumentation and measurement systems, as well as embedded and drive systems. A culminating capstone experience allows students to implement, test, and demonstrate a solution to a problem statement related to engineering technology systems.

With the new emerging technologies, a skilled workforce in the electronics field has been and will continue to be in demand for the design and implementation of new innovative solutions and products.

### ABET | Engineering Technology Accreditation Commission

The Bachelor of Science in Electronic Systems Engineering Technology at the Virginia Beach and Newport News, VA campuses and Online is accredited by the Engineering Technology Accreditation Commission (ETAC) of ABET, under the General Criteria and Program Criteria for Electrical/Electronic(s) Engineering Technology.

### About Electronic Systems Engineering Technology

ESET graduates function in multidisciplinary teams to design, install, maintain, and repair systems, components, or processes meeting specific needs to engineering applications. They serve as a link between engineers and technicians in the workplace, where they play a key role from the conception of electronic systems until the implementation. They are involved in the development, testing, production, and quality assurance of components and systems, such as circuit boards, wireless phones, medical equipment, and control systems.

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

The curriculum provides ESET graduates with the education and foundation needed for employment in a variety of industries in the private and public sector, including the computer industry, homeland security, automation and manufacturing, and education. Electronic Systems concentration graduates are employed in a wide spectrum of areas, in positions such as Engineering Consultant, Electrical Engineering or Computer Engineering Technologist, Product Engineer, or Project Manager.

### Program Objectives

Graduates of the Bachelor of Science in Electronic Systems Engineering Technology program are expected to attain the following objectives within a few years of graduation:

- Apply acquired technical and analytical skills as it relates to their professional positions in electrical, electronic, and related industries
- Apply relative mathematical, science, and engineering methods to solve technical problems
- Analyze and implement complex systems including both hardware and software
- Pursue lifelong learning and successful professional careers
- Perform as effective team members through adequate oral and written communication skills
- Relate and exercise an educated judgment in regards to their professional and ethical responsibilities

### Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Available certifications for this program include Fiber Optics Installer (FOI), Fiber Optics Technician (FOT), A+ Certification, Network+ Certification, and Security+ Certification.

## Outcomes

Students in the Bachelor of Science in Electronic Systems Engineering Technology program learn to design and integrate electronic systems through a strong foundation in analog and digital electronics. They are able to apply the acquired engineering and mathematical principles to implement and improve systems and/or processes for engineering applications.

Upon completion of the Bachelor of Science in Electronic Systems Engineering Technology | Electronic Systems Concentration, graduates will be able to:

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSESET.01.1

**Active?**
Yes

**Effective Start Term**
202601 E

**Effective Start Date**
Jan 9, 2026

**Outcome Statement**
Apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly-defined engineering problems appropriate to the discipline.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSESET-ESET.02.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Analyze typical circuits used in communication systems.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSESET-ESET.01.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Design and configure computer, communication, and control systems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSESET.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Function effectively as a member or leader on a technical team.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSESET.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Design systems, components, or processes meeting specified needs for broadly-defined engineering problems appropriate to the discipline.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSESET.03.0

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply written, oral, and graphical communication in broadly-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSESET.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Conduct standard tests, measurements, and experiments and to analyze and interpret the results to improve processes.

For additional information about the program link to: http://www.ecpi.edu/technology/?intcmp=technology-btn. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

Through ECPI University's year-round schedule, students can earn a Bachelor of Science degree in Electronic Systems Engineering Technology with a concentration in Electronic Systems or Mechatronics in 2.5 years.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Electronic Systems Engineering Technology, students must earn 124 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

52 semester credit hours

**Fulfill ALL of the following requirements:**

ELECTRICITY

**Complete ALL of the following Courses:**

- EET110 - Electric Circuits I
- ESET111 - Electric Circuits II
- ESET111L - Electric Circuits II Lab
- ESET310 - Circuit Analysis

**AND**

ANALOG ELECTRONICS

**Complete ALL of the following Courses:**

- EET120 - Semiconductor Devices
- EET121 - Electronic Systems Applications
- EET220 - Industrial Applications
- EET221L - Instrumentation and Measurement Lab

**AND**

DIGITAL ELECTRONICS

**Complete ALL of the following Courses:**

- EET130 - Digital Systems I
- EET230 - Digital Systems II
- EET230L - Digital Systems Lab

**AND**

NETWORKING

**Complete ALL of the following Courses:**

- CST160 - Introduction to Networking

**AND**

PROGRAMMING

**Complete ALL of the following Courses:**

- SDC100 - Introduction to Programming
- EET207 - Applied Engineering Programming

**AND**

CONTROL SYSTEMS

**Complete ALL of the following Courses:**

- EET231 - Introduction to Programmable Logic Controllers
- EET231L - Introduction to Programmable Logic Controllers Lab
- EET331 - Programmable Controllers and Robotics
- EET331L - Programmable Controllers and Robotics Lab

**AND**

SENIOR PROJECT

**Complete ALL of the following Courses:**

- EET411 - Senior Project
- EET411L - Senior Project Lab

**AND**

EMBEDDED AND DRIVE SYSTEMS

Choose one lecture course and corresponding lab.

**Earn at least 4 credits from the following:**

- EET390 - Motor Drives
- EET390L - Motor Drives Lab
- EET430 - Microcontrollers
- EET430L - Microcontrollers Lab

**Arts and Sciences Requirements**

### Type

Completion Requirement

Arts and Sciences Courses*

37 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH200 - Pre-calculus
- MTH220 - Applied Calculus I
- MTH320 - Applied Calculus II
- PHY120 - Physics
- PHY120L - Physics Lab

**AND**

Choose two of the following courses.

**Complete at least 2 of the following courses:**

- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type

Completion Requirement

Self-Integration Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- COR191 - Career Orientation
- CST120 - Computer Configuration I
- ET102 - Engineering Math and Software Applications

- FOR110 - Essentials for Success

**Electronic Systems Concentration Requirements**

**Type**
Completion Requirement

Electronic Systems Concentration Courses

16 semester credit hours

**Complete ALL of the following Courses:**

- EET320 - Semiconductor Processing
- EET333 - Robotics Programming and Machine Learning
- EET333L - Robotics Programming and Machine Learning Lab
- EET380 - Digital Communications I
- ESET280 - Introduction to Communication Systems
- CYB200 - Network Protocols and Services

**Elective Requirements**

**Type**
Completion Requirement

Elective Courses

9 semester credit hours

*Students must meet all pre-requisite requirements for their chosen electives.*

**Fulfill ANY of the following requirements:**

BUSINESS

**Complete ANY of the following Courses:**

- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business
- BUS242 - Emerging Technologies and World of AI
- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

**Additional business and management coursework that supports engineering technology practice may be approved for elective credit, subject to departmental review for relevance to program outcomes.*

**OR**

ELECTRONICS

**Complete ANY of the following Courses:**

- EET233 - Robotics and Smart Manufacturing (SM)
- EET233L - Robotics and Smart Manufacturing (SM) Lab
- EET301 - Special Topics in Engineering Technology
- EET350 - Overview of Electronic Security Devices
- EET352 - Engineering Economics

**OR**

INFORMATION SYSTEMS

**Complete ANY of the following Courses:**

- CST140 - Introduction to Operating Systems
- CYB120 - Introduction to Python Programming
- CYB120L - Introduction to Python Programming LAB

OR

MECHANICAL

**Complete ANY of the following Courses:**

- MET114 - Introduction to Geometric Dimensioning and Tolerancing (GD and T)
- MET213 - Advanced 3D Modeling
- MET221 - Manufacturing Processes
- MET223 - Applied Machine Tools
- MET224 - CNC Machines Operation
- MET230L - Hydraulics and Pneumatics Systems Lab
- MET311 - Mechanisms
- MET313 - Applied Strength of Materials
- MET330 - Applied Fluid Mechanics
- MET330L - Applied Fluid Mechanics Lab

OR

EXTERNSHIP

**Complete ANY of the following Courses:**

- EET302 - Externship-EET Sr. III
- EET306 - Externship-EET Sr. I-a
- EET307 - Externship-EET Sr. I-b
- EET308 - Externship-EET Sr. I-c
- EET309 - Externship-EET Sr. II

The Bachelor of Science in Electronics Systems Engineering Technology | Electronic Systems Engineering Technology has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Newport News, VA

# Electronic Systems Engineering Technology (BS) | Mechatronics Concentration

## Overview

### College
College of Technology

### Program CIP Code
15.0406

The Bachelor of Science in Electronic Systems Engineering Technology (ESET) program focuses on real-world applications of engineering principles. Students in the program will acquire needed skills and competencies to develop solutions for automation and robotics systems.

The Mechatronics concentration offers a broad exposure to analog and digital electronics, engineering programming, instrumentation and measurement systems, as well as embedded and drive systems. A culminating capstone experience allows students to implement, test, and demonstrate a solution to a problem statement related to engineering technology systems.

With the new emerging technologies, a skilled workforce in the electronics field has been and will continue to be in demand for the design and implementation of new innovative solutions and products.

### ABET | Engineering Technology Accreditation Commission

The Bachelor of Science in Electronic Systems Engineering Technology at the Virginia Beach and Newport News, VA campuses and Online is accredited by the Engineering Technology Accreditation Commission (ETAC) of ABET, under the General Criteria and Program Criteria for Electrical/Electronic(s) Engineering Technology.

### About Electronic Systems Engineering Technology

ESET graduates function in multidisciplinary teams to design, install, maintain, and repair systems, components, or processes meeting specific needs to engineering applications. They serve as a link between engineers and technicians in the workplace, where they play a key role from the conception of electronic systems until the implementation. They are involved in the development, testing, production, and quality assurance of components and systems, such as circuit boards, wireless phones, medical equipment, and control systems.

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

The curriculum provides ESET graduates with the education and foundation needed for employment in a variety of industries in the private and public sector, including the computer industry, homeland security, automation and manufacturing, and education. Graduates of the Mechatronics concentration area may also be employed as Automation Engineers and might enjoy a career working with robotics.

### Program Objectives

Graduates of the Bachelor of Science in Electronic Systems Engineering Technology program are expected to attain the following objectives within a few years of graduation:

- Apply acquired technical and analytical skills as it relates to their professional positions in electrical, electronic, and related industries
- Apply relative mathematical, science, and engineering methods to solve technical problems
- Analyze and implement complex systems including both hardware and software
- Pursue lifelong learning and successful professional careers
- Perform as effective team members through adequate oral and written communication skills
- Relate and exercise an educated judgment in regards to their professional and ethical responsibilities

### Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Available certifications for this program include Fiber Optics Installer (FOI), Fiber Optics Technician (FOT), A+ Certification, Network+ Certification, and Security+ Certification.

## Outcomes

Students in the Bachelor of Science in Electronic Systems Engineering Technology program learn to design and integrate electronic systems through a strong foundation in analog and digital electronics. They are able to apply the acquired engineering and mathematical principles to implement and improve systems and/or processes for engineering applications. **Note that the last three outcomes listed are specific to the Mechatronics concentration.**

Upon completion of the Bachelor of Science in Electronic Systems Engineering Technology, graduates will be able to:

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSESET.01.1

**Active?**
Yes

**Effective Start Term**
202601 E

**Effective Start Date**
Jan 9, 2026

**Outcome Statement**
Apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly-defined engineering problems appropriate to the discipline.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSESET-M.03.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Analyze forces and their effects on systems.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSESET-M.01.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Create 2D and 3D designs for engineering parts using CAD software.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSESET-M.02.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Implement hydraulic and pneumatic systems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSESET.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Function effectively as a member or leader on a technical team.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSESET.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Design systems, components, or processes meeting specified needs for broadly-defined engineering problems appropriate to the discipline.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSESET.03.0

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply written, oral, and graphical communication in broadly-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSESET.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Conduct standard tests, measurements, and experiments and to analyze and interpret the results to improve processes.

For additional information about the program link to: http://www.ecpi.edu/technology/?intcmp=technology-btn. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

Through ECPI University's year-round schedule, students can earn a Bachelor of Science degree in Electronic Systems Engineering Technology with a concentration in Electronic Systems Engineering Technology or Mechatronics, in 2.5 years.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Electronic Systems Engineering Technology, students must earn 124 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

52 semester credit hours

**Fulfill ALL of the following requirements:**

ELECTRICITY

**Complete ALL of the following Courses:**

- EET110 - Electric Circuits I
- ESET111 - Electric Circuits II
- ESET111L - Electric Circuits II Lab
- ESET310 - Circuit Analysis

**AND**

ANALOG ELECTRONICS

**Complete ALL of the following Courses:**

- EET120 - Semiconductor Devices
- EET121 - Electronic Systems Applications
- EET220 - Industrial Applications
- EET221L - Instrumentation and Measurement Lab

**AND**

DIGITAL ELECTRONICS

**Complete ALL of the following Courses:**

- EET130 - Digital Systems I
- EET230 - Digital Systems II
- EET230L - Digital Systems Lab

**AND**

NETWORKING

**Complete ALL of the following Courses:**

- CST160 - Introduction to Networking

**AND**

PROGRAMMING

**Complete ALL of the following Courses:**

- SDC100 - Introduction to Programming
- EET207 - Applied Engineering Programming

**AND**

CONTROL SYSTEMS

**Complete ALL of the following Courses:**

- EET231 - Introduction to Programmable Logic Controllers
- EET231L - Introduction to Programmable Logic Controllers Lab
- EET331 - Programmable Controllers and Robotics
- EET331L - Programmable Controllers and Robotics Lab

**AND**

SENIOR PROJECT

**Complete ALL of the following Courses:**

- EET411 - Senior Project
- EET411L - Senior Project Lab

**AND**

EMBEDDED AND DRIVE SYSTEMS

Choose one lecture course and corresponding lab.

**Earn at least 4 credits from the following:**

- EET390 - Motor Drives
- EET390L - Motor Drives Lab
- EET430 - Microcontrollers
- EET430L - Microcontrollers Lab

**Arts and Sciences Requirements**

### Type

Completion Requirement

Arts and Sciences Courses*

37 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH200 - Pre-calculus
- MTH220 - Applied Calculus I
- MTH320 - Applied Calculus II
- PHY120 - Physics
- PHY120L - Physics Lab

**AND**

Choose two of the following courses.

**Complete at least 2 of the following courses:**

- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts and Sciences Department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- COR191 - Career Orientation
- CST120 - Computer Configuration I
- ET102 - Engineering Math and Software Applications
- FOR110 - Essentials for Success

**Mechatronics Concentration Requirements**

**Type**
Completion Requirement

Mechatronics Concentration Courses

16 semester credit hours

**Complete ALL of the following Courses:**

- MET191 - Materials Science
- MET192 - Graphics Communication
- MET192L - Introduction to 3-D Modeling LAB
- MET211 - Statics
- MET230 - Hydraulics and Pneumatics Systems
- MET410 - Dynamics

**Elective Requirements**

**Type**
Completion Requirement

Elective Courses

9 semester credit hours

*Students must meet all pre-requisite requirements for their chosen electives.*

**Fulfill ANY of the following requirements:**

BUSINESS

**Complete ANY of the following Courses:**

- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business
- BUS242 - Emerging Technologies and World of AI
- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

**Additional business and management coursework that supports engineering technology practice may be approved for elective credit, subject to departmental review for relevance to program outcomes.*

**OR**

ELECTRONICS

**Complete ANY of the following Courses:**

- EET233 - Robotics and Smart Manufacturing (SM)
- EET233L - Robotics and Smart Manufacturing (SM) Lab
- EET301 - Special Topics in Engineering Technology
- EET350 - Overview of Electronic Security Devices
- EET352 - Engineering Economics

OR

INFORMATION SYSTEMS

**Complete ANY of the following Courses:**

- CST140 - Introduction to Operating Systems
- CYB120 - Introduction to Python Programming
- CYB120L - Introduction to Python Programming LAB

OR

MECHANICAL

**Complete ANY of the following Courses:**

- MET114 - Introduction to Geometric Dimensioning and Tolerancing (GD and T)
- MET213 - Advanced 3D Modeling
- MET221 - Manufacturing Processes
- MET223 - Applied Machine Tools
- MET224 - CNC Machines Operation
- MET230L - Hydraulics and Pneumatics Systems Lab
- MET311 - Mechanisms
- MET313 - Applied Strength of Materials
- MET330 - Applied Fluid Mechanics
- MET330L - Applied Fluid Mechanics Lab

OR

EXTERNSHIP

**Complete ANY of the following Courses:**

- EET302 - Externship-EET Sr. III
- EET306 - Externship-EET Sr. I-a
- EET307 - Externship-EET Sr. I-b
- EET308 - Externship-EET Sr. I-c
- EET309 - Externship-EET Sr. II

The Bachelor of Science in Electronic Systems Engineering Technology program has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Newport News, VA

# Food Service Management (BS)

## Overview

### College
College of Culinary Arts

### Program CIP Code
52.0905

The Bachelor of Science in Food Service Management degree completion program is dedicated to studying the operational issues that lead to profitability in a food service operation.  Students examine the food service industry from the perspective of management, expanding leadership knowledge and skills to further their careers in the hospitality industry.

Core curriculum courses fall into three categories:

- ***Financial Management:*** The ability to create, interpret, and analyze financial reports
- ***Leadership:*** Exposure to the leadership skills associated with creating, communicating, and implementing an operational vision
- ***Operations Management:*** Studying the development and management of service systems

Students are required to have an associate's degree in a culinary related field, with a minimum of 60 semester credits, for admission to the program. The Bachelor of Science in Food Service Management is a degree completion program that can be earned in less than 15 months. Classes are offered days and evenings.

## About Food Service Management

Food Service Managers are responsible for the daily operation of restaurants and other food service establishments that prepare and serve food and beverages to customers. Managers ensure that customers are satisfied with their guest service experience.

The role of a Food Service Manager can often be physically demanding. Prospective students able to meet the following physical requirements will have the greatest number of employment opportunities available to them:

- Physical Stamina: The ability to stand for extended periods of time
- Physical Strength: The ability to lift and transport up to 50 pounds

## Outcomes

The objective of the Food Service Management degree program is to educate and train prospective food service professionals with the knowledge, skills and abilities to compete for employment in the hospitality field.  Graduates of the program will be able to:

### Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM498.01

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Demonstrate professional conduct, appearance, and workplace behaviors consistent with industry standards across all areas of foodservice operations.

### Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM498.02

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Apply ethical principles and organizational codes of conduct when participating in operational, financial, and managerial decision-making.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM498.03

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Communicate effectively with supervisors, coworkers, and guests using appropriate professional verbal, written, and interpersonal communication skills.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM498.04

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Participate in and support strategies designed to manage, evaluate, and improve foodservice operational performance.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM498.05

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Apply operational cost control practices (e.g., food-, labor-, inventory-controls) and be able to explain their impact on the financial performance of the operation.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM498.06

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Analyze how current hospitality and food service industry trends influence service delivery, workforce management, product offerings, and facility operations.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM498.07

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Demonstrate habits of continuous learning, self-reflection, and professional development through feedback, evaluation, and performance improvement during the externship experience.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM498.08

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Apply foundational leadership techniques by supporting supervisory activities, problem-solving, and operational decision-making in a real-world food service setting.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM498.09

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Assist in the implementation and evaluation of operational policies and procedures related to staff supervision, guest relations, and service standards.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM499.01

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Demonstrate professional conduct, appearance, and workplace behaviors consistent with industry standards across all areas of foodservice operations.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM499.09

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Assist in the implementation and evaluation of operational policies and procedures related to staff supervision, guest relations, and service standards.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSFSM.01.0

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Establish and maintain high standards of professionalism across all dynamics of foodservice operations.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSFSM.02.0

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Conform to a code of ethics when making business and operational related decisions.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSFSM.03.0

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Communicate effectively to diverse groups utilizing professional verbal and writing skills.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSFSM.04.0

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Implement strategies to effectively manage and improve foodservice performance.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSFSM.05.0

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Demonstrate a working knowledge of operational cost controls and its relation to the overall financial success of a foodservice establishment.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSFSM.06.0

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Understand how trends across the hospitality industry may affect operations from a service, people, product, and facilities perspective.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSFSM.07.0

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Cultivate habits of continuous learning and improvement in foodservice managerial practices.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSFSM.08.0

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Implement effective leadership techniques to enhance operational decision-making processes.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSFSM.09.0

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Create operational policies and procedures to effectively manage staff and guest relations.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM499.02

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Apply ethical principles and organizational codes of conduct when participating in operational, financial, and managerial decision-making.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM499.03

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Communicate effectively with supervisors, coworkers, and guests using appropriate professional verbal, written, and interpersonal communication skills.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM499.04

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Participate in and support strategies designed to manage, evaluate, and improve foodservice operational performance.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM499.05

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Apply operational cost control practices (e.g., food-, labor-, inventory-controls) and be able to explain their impact on the financial performance of the operation.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM499.06

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Analyze how current hospitality and food service industry trends influence service delivery, workforce management, product offerings, and facility operations.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM499.07

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Demonstrate habits of continuous learning, self-reflection, and professional development through feedback, evaluation, and performance improvement during the externship experience.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
FSM499.08

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Culinary Arts

**Outcome Statement**
Apply foundational leadership techniques by supporting supervisory activities, problem-solving, and operational decision-making in a real-world food service setting.

For additional information about the program link to: https://www.ecpi.edu/programs/food-service-management-bachelor-degree. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services, which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Food Service Management, students must earn a minimum of 120 credit hours, which includes 60 transfer credits from the required associate's degree or diploma in a culinary arts or hospitality related field. The degree completion program consists of 63 semester credits, which can be completed in a minimum of 4 semesters, which is equivalent to 15 months of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

43 semester credit hours

**Complete ALL of the following Courses:**

- ACC101 - General Accounting
- FSM310 - Leadership in Foodservice
- FSM320 - Food Service Financial Management
- FSM330 - Communication for Food Service Professionals
- FSM335 - Menu Engineering
- FSM340 - Hospitality Marketing and Social Media
- FSM355 - Wine and Beverage Management
- FSM360 - Managing Outstanding Customer Service
- FSM380 - Food Service Cost Controls
- FSM410 - Operational Ethics and Legal Issues
- FSM424 - Facility Management
- FSM430 - Case Studies in Food Service Management
- FSM440 - Project and Special Event Management
- FSM452 - Developing Your Career in Hospitality Leadership
- FSM490 - Food Service Entrepreneurship

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

15 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- ECO201 - Macroeconomics
- ENG120 - Advanced Composition
- MTH131 - College Algebra
- MTH140 - Statistics

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type

Completion Requirement

Self-Integration Course

2 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications

**Elective Requirements**

### Type

Completion Requirement

Elective Courses

3 semester credit hours

**Earn at least 3 credits from the following:**

- FSM498 - Food Service Externship I-a
- FSM499 - Food Service Externship I-b

The Bachelor of Science in Food Service Management has the following program requirements.

## Locations

Norfolk, VA (Culinary Institute of Virginia), Richmond, VA (Glen Allen)

# Healthcare Administration (BS)

## Overview

### College
College of Health Science

### Program CIP Code
51.0701

The Bachelor of Science in Health Science-Healthcare Administration program teaches students how to become entry-level managers in many different kinds of healthcare settings. Students learn the fundamental areas of healthcare administration including finance, accounting, management, technology, community health, healthcare research, long-term care administration, global health, managed care, and healthcare delivery systems. Graduates will serve as business advocates in the global healthcare workplace.

The business of healthcare needs well-educated caring professionals to manage:

- Medical Units
- Long-term Care Centers
- Hospital Departments
- Community Health and Physician Office Practices

Medical and health services managers plan, direct, coordinate, and supervise the delivery of healthcare. These workers are either specialists in charge of a specific clinical department or generalists who manage an entire facility or system. This program offers the following two tracks:

| TRACK | DESCRIPTION |
|---|---|
| ***Acute Care Track*** | The Acute Care Track is designed to provide students with real-world experience and an in-depth understanding of public health and healthcare administration within acute care settings. This track prepares students to effectively manage operations in fast-paced, high-pressure acute care environments. |
| ***Long-Term Care Track*** | The Long Term Care Track focuses on preparing students to manage and lead long-term care facilities, with a curriculum that includes a balance of practical experience and theoretical learning. This track equips students with the knowledge and skills to excel in the growing field of long-term care administration. |

### About Healthcare Administration

The Bachelor of Science in Health Science-Healthcare Administration produces graduates who may plan, direct, coordinate, and supervise the delivery of healthcare. Program emphasis is on the preparation of future medical and health services managers to deal with the integration of healthcare delivery systems, technological innovations, an increasingly complex regulatory environment, and an increased focus on preventive care. Program graduates will be prepared to improve efficiency in a variety of healthcare settings and to positively impact the quality of the care provided.

Some jobs may require background checks and drug screening. The ability to obtain security clearance is a plus for certain government jobs.

Students could seek entry level management positions in many different kinds of acute care healthcare venues and in long-term care facilities and assisted living facilities.

### Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. While no certifications are necessary for the acute care track, state licensing as a long-term care administrator, nursing home administrator or assisted living administrator is required by most states.

## Outcomes

Bachelor of Science in Health Science-Healthcare Administration students first learn basic business and accounting skills as they apply to the healthcare industry. They then learn about health information systems, managed care systems, marketing a healthcare business, public health issues, and legal and ethical issues in healthcare. The acute care track prepares entry level managers for work in hospitals, clinics, and emergency centers. The long-term care track prepares students for careers as long-term care administrators in skilled nursing facilities, nursing homes, and assisted living.

Upon completion of this program, graduates are able to:

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSHCA.06.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Understand and utilize epidemiologic assessments, economic trends, population changes, and healthcare trends.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSHCA.07.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Identify and recognize current and future health information technology, biotechnology, and other technological implications in the delivery of healthcare services.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSHCA.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Explain the complex relationships between healthcare payors, institutions, and customers within the state, nation, and foreign countries from economic and financial perspectives.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSHCA.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Distinguish the legal and ethical standards of practice for healthcare administrators in a variety of healthcare settings and situations.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSHCA.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Critically analyze research findings for evidence-based medicine and management practices by applying core healthcare administration and fundamental knowledge of the arts and sciences for decision-making.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSHCA.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Compare and contrast various U.S. healthcare delivery systems nationally and globally.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSHCA.08.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply skills, values, and knowledge from the coursework to present a complex business proposal for a healthcare unit.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSHCA.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply principles of healthcare administration within the continuum of care.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSHCA.09.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Assess community needs for healthcare technologies.

For additional information about the program link to: https://www.ecpi.edu/programs/healthcare-administration-bachelor-degree. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

In less than 2.5 years, through the year-round schedule, students can earn a Bachelor of Science in Healthcare Administration degree.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Health Science-Healthcare Administration, students must earn 120 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

65 semester credit hours

**Complete ALL of the following Courses:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- BIO250L - Epidemiology LAB
- BIO250 - Epidemiology
- BUS121 - Introduction to Business
- BUS303 - Organizational Leadership and Management
- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- HCA200 - Healthcare Marketing
- HCA300 - Healthcare Administration and Regulation
- HCA305 - Legal Aspects of Healthcare Administration
- HCA310 - Healthcare Administration Ethics
- HCA330 - The Healthcare Continuum - Life-time Services and Long-Term Care
- HCA400 - Health Information Systems
- HCA410 - Human Resource Management in Healthcare
- HCA420 - Healthcare Delivery Systems

- HCA422 - Healthcare Emergency Management
- HCA430 - Fundamentals of Healthcare Financial Management
- HCA440 - Research and Evidence-Based Practice for Healthcare Administrators
- HCA470 - Global Healthcare
- HCA490 - Healthcare Administration Capstone
- HLT101 - Nutrition
- LTC300 - Long Term Care Environment

**Arts and Sciences Requirements**

### Type
Completion Requirement

Arts and Sciences Courses*

36 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM115 - Reasoning and Analysis
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PSY105 - Introduction to Psychology
- SOC100 - Introduction to Sociology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Acute Care Track Requirements**

### Type
Completion Requirement

Acute Care Track Courses

13 semester credit hours

**Complete ALL of the following Courses:**

- HCA320 - Healthcare Administration Externship I
- HCA450 - Public Health
- HCA480 - Healthcare Administration Externship II
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

**Long-Term Care Track Requirements**

**Type**
Completion Requirement

Long-Term Care Track Courses

13 semester credit hours

**Complete ALL of the following Courses:**

- LTC310 - Domains of Care I
- LTC320 - Long Term Care Administration Externship I
- LTC330 - Domains of Care II
- LTC480 - Long Term Care Externship II
- LTC482 - Review for National Exam

The Bachelor of Science in Healthcare Administration has the following program requirements.

## Locations

Virginia Beach, VA (Health Science), Online, Charleston, SC, Greenville, SC, Newport News, VA (Health Science), Orlando, FL (Lake Mary), Columbia, SC

# Information and Cybersecurity Operations (BS)

## Overview

### College
College of Technology

### Program CIP Code
11.1003

The Bachelor of Science in Information and Cybersecurity Operations degree provides a comprehensive education in IT and cybersecurity, preparing students to protect and manage modern information systems. Through hands-on learning, students gain practical skills in safeguarding data, managing networks, using and training artificial intelligence, and responding to cyber threats, equipping them for careers in industries ranging from corporate IT to government and defense. Graduates are prepared for roles like Information Security Analyst, Network Security Engineer, and Systems Administrator.

Additionally, students will choose from select groups of courses focused on specialized areas or tracks. Specifically, students will select one of three tracks as part of their degree. A listing and description of these tracks can be found in the table below. These employer-driven, hands-on, interactive educational tracks equip students with cyber and networking skills required for positions in a wide range of companies.

| TRACK | DESCRIPTION |
|---|---|
| ***Security Operations (SOC) Track*** | The Security Operations (SOC) Track focuses on equipping students with the skills needed to protect and defend computer systems and networks against cyber threats. This track covers topics such as ethical hacking, advanced defense mechanisms, network security, and cloud security. Students learn to identify vulnerabilities, implement countermeasures, and respond to security incidents. Graduates of the Security Operations (SOC) Track are prepared for specialized roles such as Information Security Analyst, Penetration Tester, and Network Security Engineer, with expertise in safeguarding critical infrastructure across various industries. |
| ***Cloud Computing Track*** | Cloud computing or software services provided across the internet are ushering in a wave of new opportunities to help businesses become more flexible, efficient and agile. By providing infrastructures, platforms and software as a service, cloud computing allows users to access and implement important business and technology tools whenever and wherever they need. |
| ***General Track*** | The General Track in the Bachelor of Science in Information and Cybersecurity Operations program provides students with a broad and flexible education in IT and cybersecurity. This track allows students to choose from various courses in networking, cybersecurity, cloud computing, and digital forensics, enabling them to build a well-rounded skill set. Graduates of the General Track are prepared for a wide range of roles in the IT and cybersecurity sectors, offering the flexibility to pursue careers in network security, systems administration, cybersecurity analysis, and more, depending on their chosen course mix. |

## Apprenticeship Option - South Carolina Only

To be successful in the IT field today, the industry requires that graduates have a degree, certifications, and work experience. The Apprenticeship Option for the Cybersecurity Track in the BS in Computer and Information Science program is intended for students with limited or no in-field work experience.

The Program Director determines whether a student's education is best served through the Apprenticeship Option. If that is determined to be the case, then the Apprenticeship Option is considered required for graduation from the Information and Cybersecurity Operations program.

## About Information and Cybersecurity Operations

Graduates of an Information and Cybersecurity Operations degree program have many career options. They often have career paths that lead them into IT security management positions, including Information Security Director or Chief Information Security Officer. They design and implement computer security systems that are vital to any modern computer network. They develop and test security plans to ensure a secure work environment for all employees in a company. Graduates also may work as security analysts, network architects, or administrators who design, implement, and maintain computer networks and systems which are the backbone to any company IT infrastructure.

Certain positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

Some entry-level job titles for a Bachelor of Science in Information and Cybersecurity Operations graduate include Data Center Engineer, Information Security Analyst, Penetration Tester, Network Security Engineer, Digital Forensics Analyst, and Systems Administrator. Cybersecurity graduates are required in many industries, so employment can be expected in most any business, government, or military setting.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow them to take certification exams at a greatly reduced cost. Available certifications for this program include CompTIA IT fundamentals, CompTIA A+, CompTIA Cloud+, CompTIA Network+, CompTIA Linux+, CompTIA Security+, AWS cloud practitioner, CISCO CCNA and EC-Council CEH.

## Outcomes

Students in the Bachelor of Science in Information and Cybersecurity Operations program develop planning, design, implementation, and support skills in artificial intelligence (AI), operating systems, networking, software programs, and security. Students also develop additional focused skills based on which track the student pursues. Students learn principles of excellent technical and customer service skills in order to assist clients with technical issues.

Upon completion of the Bachelor of Science in Information and Cybersecurity Operations, graduates will be able to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSICO.07.0

**Effective Start Term**
202601 E

**Effective Start Date**
Jan 26, 2026

**Outcome Statement**
Apply AI techniques in cybersecurity to enhance threat detection, risk mitigation, and defense against cyber attacks.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSICO.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply principles of computing and other relevant disciplines to analyze and solve a complex computing problem.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSICO.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the programs discipline.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSICO.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Function effectively as a member or leader of a team engaged in activities appropriate to the programs discipline.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSICO.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Make informed judgments in computing practice based on ethics, law, regulatory environment, and standards of the profession.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSICO.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Communicate effectively in a variety of professional contexts.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSICO.06.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply security principles and practices to maintain operations in the presence of risks and threats.

For additional information about the program, please see http://www.ecpi.edu/technology/?intcmp=technology-btn. For the Student Consumer Information, please see https://www.ecpi.edu/student-consumer-services which provides additional information on careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Information and Cybersecurity Operations, students must earn a minimum of 120 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. Students will select one of the tracks available under this program. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Curriculum Courses

65 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- CST120 - Computer Configuration I
- CST160 - Introduction to Networking
- CST200 - Linux Administration
- CST210 - Introduction to AI
- CST440 - AI/Machine Learning
- CYB120 - Introduction to Python Programming
- CYB120L - Introduction to Python Programming LAB
- CYB200 - Network Protocols and Services
- CYB200L - Network Protocols and Services Lab
- CYB220 - Introduction to Routing and Switching
- CYB220L - Introduction to Routing and Switching LAB
- CYB240 - Windows Client and Server
- CYB240L - Windows Client and Server LAB
- CYB250 - Principles of Cybersecurity with AI
- CYB260 - Introduction to Cloud Solutions
- CYB260L - Introduction to Cloud Solutions LAB
- CYB280 - Microsoft 365 Administration
- CYB300 - Advanced Cybersecurity with AI
- CYB300L - Advanced Cybersecurity with AI Lab
- CYB310 - Introduction to Data Handling with AI
- CYB340 - Advanced LInux Administration
- CYB340L - Advanced Linux Administration LAB
- CYB350 - Introduction to DevOps and Project Management
- CYB360 - Advanced Windows Server
- CYB360L - Advanced Windows Server LAB

**AND**

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**

- CYB470 - SOC Analyst I
- CYB471 - SOC Analyst II

**OR**

**Complete ALL of the following Courses:**

- CYB490 - Information and Cybersecurity Externship
- CYB494 - Information and Cybersecurity Externship II

**OR**

**Fulfill ALL of the following requirements:**

**Complete ANY of the following Courses:**

- CYB470 - SOC Analyst I
- CYB490 - Information and Cybersecurity Externship

**AND**

**Complete ALL of the following Courses:**

- CYB491 - Information and Cybersecurity Externship I
- CYB492 - Information and Cybersecurity Externship II
- CYB493 - Information and Cybersecurity Externship III

**Arts and Sciences Requirements**

### Type

Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**AND**

AND

Choose one lecture and corresponding lab:

**Complete exactly 2 course(s) and earn exactly 4 credits from the following:**

- BIO122 - Environmental Biology
- BIO122L - Environmental Biology Lab
- PHY120 - Physics
- PHY120L - Physics Lab

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type

Completion Requirement

Self-Integration Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- CST100 - Introduction to Computing
- CST140 - Introduction to Operating Systems
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Apprenticeship Option Requirements (South Carolina Only)**

**Type**
Completion Requirement

Apprenticeship Option Courses

This option is for South Carolina students only. No additional credit is earned. Apprenticeship courses are pass/fail.

**Complete ALL of the following Courses:**

- APP491 - Cybersecurity Apprenticeship I
- APP492 - Cybersecurity Apprenticeship II
- APP493 - Cybersecurity Apprenticeship III
- APP494 - Cybersecurity Apprenticeship IV
- APP495 - Cybersecurity Apprenticeship V
- APP496 - Cybersecurity Apprenticeship VI

- Current domestic students in the Associate or Bachelor in Computer and Information Science program are eligible to apply for the Apprenticeship Option. To be considered, students must have a GPA of 3.0 or higher and a 90% or higher attendance rate, and be a full-time student. Students must apply before the end of their first semester.

- Students must maintain full-time student status while participating in apprenticeship courses. If selected, students must remain an active student at ECPI University during the apprenticeship and will be assigned a mentor that they will work with throughout the apprenticeship. The program consists of up to six semesters of apprenticeship courses.

- Apprenticeships are work experiences that may include consultancy-type projects and/or applied research that solves problems and are designed to apply the material learned in class.

- Students enter the Apprenticeship Option on a probationary status and will be evaluated after the completion of 500 hours to determine if the apprentice will continue in the program. After the probationary period, students will be evaluated every 500 hours.

**Cloud Computing Track Requirements**

**Type**
Completion Requirement

Cloud Computing Track Courses

14 semester credit hours

**Complete ALL of the following Courses:**

- CYB400 - Ethical Hacking with AI
- CYB400L - Ethical Hacking with AI Lab
- CYB420 - Applied Cloud Computing and AI
- CYB420L - Applied Cloud Computing and AI Lab
- CYB450 - AWS Academy Cloud Foundations and AI Tools
- CYB460 - Kubernetes in Cloud Security with AI

**Security Operations (SOC) Track Requirements**

**Type**
Completion Requirement

Security Operations (SOC) Track Courses

14 semester credit hours

**Complete ALL of the following Courses:**

- CYB400 - Ethical Hacking with AI
- CYB400L - Ethical Hacking with AI Lab
- CYB410 - Ethical Hacking with AI II
- CYB410L - Ethical Hacking II with AI Lab
- CYB430 - Advanced Defense and Countermeasures with AI

- CYB450 - AWS Academy Cloud Foundations and AI Tools

**General Track Requirements**

### Type
Completion Requirement

General Track Courses

14 semester credit hours from the following courses:

**Complete ANY of the following Courses:**

- ACC312 - Accounting for Business Decisions
- BUS121 - Introduction to Business
- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- CJ106 - Criminal Law
- CJ125 - Criminal Procedure
- CJ200 - Investigations
- CJ310 - Digital Forensic Analysis
- CJ315 - Mobile Device Forensics
- CYB400 - Ethical Hacking with AI
- CYB400L - Ethical Hacking with AI Lab
- CYB410 - Ethical Hacking with AI II
- CYB410L - Ethical Hacking II with AI Lab
- CYB420 - Applied Cloud Computing and AI
- CYB420L - Applied Cloud Computing and AI Lab
- CYB430 - Advanced Defense and Countermeasures with AI
- CYB450 - AWS Academy Cloud Foundations and AI Tools
- CYB460 - Kubernetes in Cloud Security with AI
- CYB491 - Information and Cybersecurity Externship I
- CYB492 - Information and Cybersecurity Externship II
- CYB493 - Information and Cybersecurity Externship III
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

The Bachelor of Science in Information and Cybersecurity Operations has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Charleston, SC, Charlotte, NC, Columbia, SC, Greensboro, NC, Greenville, SC, Manassas, VA (Northern Virginia), Newport News, VA, Orlando, FL (Lake Mary), Raleigh, NC, Richmond, VA (Glen Allen), Roanoke, VA, San Antonio, TX, Atlanta, GA

# Information Technology, Software Development and Coding (BS)

## Overview

### College
College of Technology

### Program CIP Code
11.0202

The Bachelor of Science in Information Technology, Software Development and Coding degree provides a comprehensive education in software development, equipping students with the skills to design, develop, and implement modern software solutions. Through hands-on learning, students gain practical experience in coding, programming languages, database management, and software engineering, preparing them for careers in industries ranging from business and technology to healthcare and entertainment. Graduates are prepared for roles such as Software Developer, Data Analytics Professional, Data Scientist, Application Programmer, Web Developer, and Systems Analyst.

Additionally, students will choose from select groups of courses focused on specialized areas or tracks. Specifically, students will select one of four tracks as part of their degree. A listing and description of these tracks can be found in the table below. These employer-driven, hands-on, interactive educational tracks equip students with the software development skills required for positions in a wide range of companies.

| TRACK | DESCRIPTION |
|---|---|
| ***AI/ML and Data Analytics Track*** | Data analytics is the method of examining large collections of data in order to make educated recommendations and uncover opportunities to improve business functions, often with the help of various analytics tools and software. When you're dealing with a plethora of data, it can seem like an overwhelming task. The goal of data analytics is to simplify the process and explore efficient ways to organize and consolidate data to enhance an organization and give them a competitive edge. |
| ***IT Project Management Track*** | The Project Management Track equips students with the skills to lead and manage software development projects. Focusing on both technical and leadership aspects, students learn to oversee the entire software development lifecycle, from planning and design to implementation and maintenance, while ensuring that projects meet business requirements and timelines. This track emphasizes Agile and Scrum methodologies, project risk management, and effective communication, preparing graduates to manage development teams, coordinate resources, and deliver high-quality software solutions in a fast-paced IT environment. |
| ***User Experience and Web/ Mobile Development Track*** | Like most everything, web sites are becoming more advanced. Today, businesses and organizations must make a statement with their web presence if they hope to engage the target audience. Web sites now utilize the latest multimedia, e-commerce, and advanced engagement tools to draw traffic and keep visitors coming back for more. |
| ***General Track*** | The General Track offers students the flexibility to tailor their education by selecting courses from various IT disciplines. This track allows students to build a broad foundation in software development, coding, database management, and web/mobile development while also exploring areas such as business process improvement and project management. Graduates of the General Track are equipped with diverse skills that prepare them for a wide range of career opportunities in software development, IT management, and related fields, providing the versatility to adapt to multiple roles in the technology industry. |

## About Information Technology, Software Development, and Coding

Graduates of an Information Technology, Software Development, and Coding degree program have many career options. They often have career paths that eventually lead them into IT management positions, including software project management. They are able to design and implement computer software systems (including simulations, games, business applications, and other systems). They may develop test plans and then test software applications to ensure their correct implementation. Graduates also may work as security analysts, network architects, or administrators who design, implement, and maintain computer networks, including wireless networks.

Certain positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

Some entry-level job titles for a Bachelor of Science in Information Technology, Software Development, and Coding graduate include: Data Center Engineer, Network and Datacenter Administrator, Web Programmer, Computer Programmer, Software Developer, Application Programmer, Mobile App Developer, Systems Analyst, Database Programmer, and Systems Administrator. CIS graduates are required in many industries, so employment could be expected in most any military or business setting.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Certification areas include program languages such as Java and C#, and SQL Server and Oracle certifications.

## Outcomes

Students in the Bachelor of Science in Information Technology, Software Development, and Coding program develop planning, design, implementation, and support skills in operating systems, networking, software programs, and security. Students develop additional focused skills based on which major the student pursues. Students also learn principles of excellent customer service in order to assist clients with technical issues.

Upon completion of the Bachelor of Science in Information Technology, Software Development, and Coding program, graduates will be able to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSITSDC.07.0

**Effective Start Term**
202601 E

**Effective Start Date**
Jan 26, 2026

**Outcome Statement**
Develop software applications that integrate AI solutions by applying fundamental AI concepts, including machine learning, data processing, and automation, using industry-standard software development practices.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSITSDC.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply principles of computing and other relevant disciplines to analyze and solve a complex computing problem.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSITSDC.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the programs discipline.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSITSDC.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Communicate effectively in a variety of professional contexts.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSITSDC.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Make informed judgments in computing practice based on ethics, law, regulatory environment, and standards of the profession.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSITSDC.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Function effectively as a member or leader of a team engaged in activities appropriate to the programs discipline.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSITSDC.06.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Use systemic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.

For additional information about the program, please see http://www.ecpi.edu/technology/?intcmp=technology-btn. For the Student Consumer Information link, please see https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Information Technology, Software Development, and Coding, students must earn 120 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

65 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- CST120 - Computer Configuration I
- CST160 - Introduction to Networking
- CST200 - Linux Administration
- SDC100 - Introduction to Programming
- SDC100L - Introduction to Programming LAB
- SDC200 - Introduction to Databases
- SDC205 - Python for Data Analytics
- SDC205L - Python for Data Analytics LAB
- SDC250 - Structured Query Language
- SDC250L - Structured Query Language LAB
- SDC255 - Introduction to Agile and Scrum Methodologies
- SDC260 - Web Interface Design
- SDC310 - Server-side Scripting with PHP
- SDC310L - Server-side Scripting with PHP LAB
- SDC340 - Mobile App Development
- SDC345 - Interface Design I
- SDC345L - Interface Design I LAB
- SDC355 - Javascript
- SDC420 - System Analysis and Design
- SDC435 - Advanced Databases
- SDC435L - Advanced Databases Lab
- SDC470 - Cloud Native Application Development

**AND**

AND

Choose one lecture course and corresponding lab:

**Complete exactly 2 course(s) and earn exactly 4 credits from the following:**

- SDC220 - Object-Oriented Programming Using C#
- SDC220L - Object-oriented Programming Using C# LAB
- SDC230 - Object-oriented Programming Using Java
- SDC230L - Object-oriented Programming Using Java LAB

**AND**

AND

Choose one lecture course and corresponding lab:

**Complete exactly 2 course(s) and earn exactly 4 credits from the following:**

- SDC320 - Advanced Object-oriented Programming Using C#
- SDC320L - Advanced Object-oriented Programming Using C#

- SDC330 - Advanced Object-oriented Programming Using Java
- SDC330L - Advanced Object-oriented Programming Using Java LAB

**AND**

AND

**Complete at least 1 of the following courses:**

- SDC480 - Software Development Capstone
- SDC490 - Software Development Externship

**Arts and Sciences Requirements**

### Type

Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PSY225 - Industrial/Organizational Psychology

**AND**

AND

Choose one lecture course and corresponding lab:

**Complete exactly 2 course(s) and earn exactly 4 credits from the following:**

- BIO122 - Environmental Biology
- BIO122L - Environmental Biology Lab
- PHY120 - Physics
- PHY120L - Physics Lab

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

**Self-Integration Requirements**

### Type

Completion Requirement

Self-Integration Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- CST100 - Introduction to Computing
- CST140 - Introduction to Operating Systems
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**AI/ML and Data Analytics Track Requirements**

**Type**
Completion Requirement

AI/ML and Data Analytics Track Courses

14 semester credit hours

**Complete ALL of the following Courses:**

- CST440 - AI/Machine Learning
- SDC380 - Introduction to Data Analytics
- SDC385 - AI/ML and Data Analytics Tools
- SDC485 - AI/ML and Data Analytics Methods and Modeling
- SDC485L - AI/ML Data Analytics Methods and Modeling LAB
- SDC486L - AI/ML and Advanced Data Analytics LAB

**IT Project Management Track Requirements**

**Type**
Completion Requirement

IT Project Management Track Courses

14 semester credit hours

**Complete ALL of the following Courses:**

- ACC312 - Accounting for Business Decisions
- BUS121 - Introduction to Business
- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

**User Experience and Web/Mobile Development Track Requirements**

**Type**
Completion Requirement

User Experience and Web/Mobile Development Track Courses

14 semester credit hours

**Complete ALL of the following Courses:**

- SDC342 - Advanced Server Side Scripting w/PHP II
- SDC342L - Advanced Server Side Scripting w/PHP II LAB
- SDC360 - Web Application Development
- SDC440 - Mobile Development II
- SDC445 - Interface Design II
- SDC445L - Interface Design II LAB

**General Track Requirements**

**Type**
Completion Requirement

General Track Courses

14 semester credit hours from the list below:

**Complete ANY of the following Courses:**

- ACC312 - Accounting for Business Decisions
- BUS121 - Introduction to Business
- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- CST440 - AI/Machine Learning
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab
- SDC342 - Advanced Server Side Scripting w/PHP II

- SDC342L - Advanced Server Side Scripting w/PHP II LAB
- SDC360 - Web Application Development
- SDC380 - Introduction to Data Analytics
- SDC385 - AI/ML and Data Analytics Tools
- SDC440 - Mobile Development II
- SDC445 - Interface Design II
- SDC445L - Interface Design II LAB
- SDC485 - AI/ML and Data Analytics Methods and Modeling
- SDC485L - AI/ML Data Analytics Methods and Modeling LAB
- SDC486L - AI/ML and Advanced Data Analytics LAB
- SDC491 - Software Development Externship
- SDC492 - Software Development Externship
- SDC493 - Software Development Externship

The Bachelor of Science in Information Technology, Software Development and Coding has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Charleston, SC, Columbia, SC, Greenville, SC, Manassas, VA (Northern Virginia), Newport News, VA, Raleigh, NC, San Antonio, TX, Richmond, VA (Glen Allen)

# Mechanical Engineering Technology (BS)

## Overview

### College
College of Technology

### Program CIP Code
15.0805

If you are the type of person who likes hands-on careers in design, testing, manufacturing, operations, maintenance, and technical support, then Mechanical Engineering Technology may be the right choice for you. Learn skills that support industries such as Product Design and Fabrication, Manufacturing, Power Generation, Heating, Air Conditioning, Transportation, Infrastructure, Plant Management, and Systems Controls.

In 2.5 years, through our year-round schedule, you can earn a Bachelor of Science in Mechanical Engineering Technology degree.

The Bachelor of Science in Mechanical Engineering Technology program focuses on problem solving and real-world application of applied engineering science and technology. Mechanical Engineering technologists are real problem solvers with responsibilities ranging from those of a support technician to plant manager.

- The program focuses on core areas such as:
- Mechanical design and analysis
- Materials science and manufacturing processes
- Thermal-fluid-energy sciences
- Computer aided engineering graphics and analysis
- Electro-mechanical devices
- Instrumentation and controls

### ABET | Engineering Technology Accreditation Commission

The Bachelor of Science in Mechanical Engineering Technology at the Virginia Beach campus and Online is accredited by the Engineering Technology Accreditation Commission (ETAC) of ABET, under the General Criteria and Program Criteria for Mechanical Engineering Technology.

### About Mechanical Engineering Technology

Mechanical engineering technologists are needed in many industries and can find employment in manufacturing environments.

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry. The curriculum provides graduates with the education and experience needed for employment in various public and private careers: Mechanical Product Design and Fabrication; CAD and Computer Graphics; Automation and Manufacturing; Machining and Mechanical Maintenance; Power Generation and Plant Management; Climate Control: Heating, Ventilation, and Air Conditioning; Transportation: Vehicles and Infrastructure; Aerospace and Aerodynamics Industry; Systems Controls.

Entry-level employment opportunities for graduates in the mechanical engineering technology field include many specialties; it is anticipated that job titles would be diverse. A typical title would be technologist engineer or engineering technician and their respective specialty such as Mechanical Engineering Consultant; Product and Materials Testing Technologist; Drafting and Computer Graphics Engineer; Manufacturing and Quality Management Engineer; Industrial Engineer; Project Manager; Plant Maintenance and Production Manager; Transportation Engineer; Power and Energy Engineer.

### Program Objectives

Building upon ECPI's tradition of providing an interactive and "real world" hands-on education in technology, you can:

- Acquire knowledge, techniques, skills and modern tools of Mechanical Engineering Technology.
- Conduct, analyze, and interpret experiments and apply experimental results to design and improve mechanical processes.
- Function effectively as a team member for preparation of reports and presentations.
- Incorporate quality, aptitude, and continuous improvement in expertise and professional behavior.

### Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost.

Some Mechanical Engineering Technology specialties require the use of complicated and expensive machinery, training is often required. There are many certifications that a Mechanical Engineering Technician would need to acquire such as Machining, Welding, HVAC, CAD, etc.

## Outcomes

Upon completion of the Bachelor of Science in Mechanical Engineering Technology program, graduates will be able to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSMET.02.1

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Design systems, components, or processes meeting specified needs for broadly-defined engineering problems.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSMET.04.1

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Conduct standard tests, measurements, and experiments and to analyze and interpret the results to improve processes.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSMET.01.1

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Apply knowledge, techniques, skills, and modern tools of mathematics, science, engineering, and technology to solve broadly-defined engineering problems.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSMET.05.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Function effectively as a member or leader on a technical team.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSMET.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply written, oral, and graphical communication in broadly-defined technical and nontechnical environments; and an ability to identify and use appropriate technical literature.

For additional information about the program link to: https://www.ecpi.edu/programs/mechanical-engineering-technology-bachelor-degree. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Mechanical Engineering Technology, students must earn 124 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

70 semester credit hours

**Fulfill ALL of the following requirements:**

ELECTRICITY

**Complete ALL of the following Courses:**

- EET113 - DC and AC Circuits

**AND**

ANALOG ELECTRONICS

**Complete ALL of the following Courses:**

- EET223 - Electronic Devices and Operational Amplifiers

**AND**

PROGRAMMING

**Complete ALL of the following Courses:**

- EET207 - Applied Engineering Programming
- SDC100 - Introduction to Programming

**AND**

ENGINEERING MECHANICS

**Complete ALL of the following Courses:**

- MET211 - Statics
- MET311 - Mechanisms
- MET410 - Dynamics

**AND**

DRAFTING AND MODELING

**Complete ALL of the following Courses:**

- MET192 - Graphics Communication
- MET192L - Introduction to 3-D Modeling LAB
- MET213 - Advanced 3D Modeling

**AND**

MANUFACTURING

**Complete ALL of the following Courses:**

- MET191 - Materials Science
- MET221 - Manufacturing Processes
- MET320 - Machine Tools
- MET320L - Machine Tools Lab
- MET322 - CNC Machining with Computer-Aided Manufacturing (CAM)

**AND**

MECHANICAL DESIGN

**Complete ALL of the following Courses:**

- MET313 - Applied Strength of Materials
- MET313L - Materials LAB
- MET412 - Machine Design
- MET414 - Applied Finite Element Analysis

**AND**

FLUID SCIENCE

**Complete ALL of the following Courses:**

- MET230 - Hydraulics and Pneumatics Systems
- MET230L - Hydraulics and Pneumatics Systems Lab
- MET330 - Applied Fluid Mechanics
- MET330L - Applied Fluid Mechanics Lab
- MET432 - Applied Thermodynamics
- MET434 - Applied Heat Transfer
- MET434L - Heat Transfer and Thermodynamics Lab

**AND**

SENIOR PROJECT

**Complete ALL of the following Courses:**

- MET400 - Senior Project
- MET400L - Senior Project Lab

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

37 semester credit hours

**Fulfill ALL of the following requirements:**

Required Courses

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH200 - Pre-calculus
- MTH220 - Applied Calculus I
- MTH320 - Applied Calculus II
- PHY120 - Physics
- PHY120L - Physics Lab

**AND**

Choose two courses from the following.

**Complete at least 2 of the following courses:**

- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts and Sciences Department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- CST120 - Computer Configuration I
- COR191 - Career Orientation
- ET102 - Engineering Math and Software Applications
- FOR110 - Essentials for Success

**Elective Requirements**

**Type**
Completion Requirement

Elective Courses

7 semester credit hours

*Students must meet all pre-requisite requirements for their chosen electives.*

**Fulfill ANY of the following requirements:**

BUSINESS

**Complete ANY of the following Courses:**

- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business

- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

**Additional business and management coursework that supports engineering technology practice may be approved for elective credit, subject to departmental review for relevance to program outcomes.*

**OR**

ELECTRONICS

**Complete ANY of the following Courses:**

- EET130 - Digital Systems I
- EET220 - Industrial Applications
- EET230 - Digital Systems II
- EET233 - Robotics and Smart Manufacturing (SM)
- EET233L - Robotics and Smart Manufacturing (SM) Lab

**OR**

MECHANICAL

**Complete ANY of the following Courses:**

- MET114 - Introduction to Geometric Dimensioning and Tolerancing (GD and T)
- MET223 - Applied Machine Tools
- MET224 - CNC Machines Operation
- MET420 - Instrumentation and Industrial Controls
- MET420L - Instrumentation and Industrial Controls LAB

**OR**

EXTERNSHIP

**Complete ANY of the following Courses:**

- MET405 - Externship-MET Sr. III
- MET406 - Externship-MET Sr. II
- MET407 - Externship-MET Sr. I-a
- MET408 - Externship-MET Sr. I-b
- MET409 - Externship-MET Sr. I-c

**OR**

INFORMATION SYSTEMS

**Complete ANY of the following Courses:**

- CST160 - Introduction to Networking
- SDC100L - Introduction to Programming LAB

The Bachelor of Science in Mechanical Engineering Technology has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online

# Nursing (BSN)

## Overview

### College
College of Nursing

### Program CIP Code
51.3801

The focus of the Bachelor of Science in Nursing (BSN) program is to offer a quality educational program that provides its graduates with the educational foundation and skills necessary to achieve professional success in the field of nursing.

ECPI University is committed to providing quality nursing education with the goal of developing clinical leaders with the ability to advance and promote the health of the diverse populations within the communities they serve, advocate on behalf of their clients, achieve and maintain their clinical competency, and provide service to the community and the profession.

The University faculty and administration are dedicated to achieving the University and BSN program's focus.

For additional information about the program link to: https://www.ecpi.edu/programs/accelerated-bachelor-of-science-nursing-absn. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

See also the following additional program information:

- **Admissions Requirements** > Nursing | BSN (includes Essential Functional Abilities requirements)
- Transferability of Credit > Nursing | BSN section

The Baccalaureate Degree Program in Nursing at ECPI University Orlando, Florida campus, ECPI University Virginia Beach, Virginia campus, and ECPI University Richmond, Virginia campus is accredited by the Commission on Collegiate Nursing Education (http://www.ccneaccreditation.org.)

## About Nursing

The Bachelor of Science in Nursing graduate can work in a variety of roles in community health, specialty bedside practice, informatics, and management, pursuing employment in a range of settings. The Bachelor of Science in Nursing program allows students to acquire the essential skills and knowledge needed to meet the preventative and restorative needs of patients. Students learn both the art and science of nursing.

Available job titles are Registered Nurse, Clinical Nurse Manager, Nurse Educator, Clinical Educator, Charge Nurse, or Community Health Nurse.

## Recommended Licensure

All nurse graduates must apply for licensure through the state Board of Nursing.  The Board of Nursing must deem the graduate eligible to test and the graduate must successfully pass the National Council Licensing Exam for Registered Nurses (NCLEX-RN) before being able to practice as a registered nurse.

## NCLEX Preparation and Total Testing

Total testing nursing education products are assessment tools and resources to promote mastery of core nursing concepts and to prepare students for the NCLEX exam. Assessment tools used in the nursing program are practice quizzes, practice assessments and proctored assessments. The total testing education products also assist the nursing program in the assessment of course and program competencies. All students are required to complete the secured standardized assessment tests in several content areas.

Readiness to sit for the NCLEX exam will be assessed in the final nursing course using a Comprehensive Predictor Test.

## Outcomes

The curriculum leading to the Bachelor of Science in Nursing degree is designed to prepare a professional nurse who should be able to demonstrate the ability to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
BSN.07.2

### Active?
Yes

### Effective Start Term
202605 E

### Effective Start Date
May 11, 2026

**Outcome Tags**
BSN Essential I; BSN Essential IV; BSN Essential VI; BSN Essential VII; BSN Essential IX; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Apply knowledge of health care policy, finance, and regulatory environments to advocate for the provision of safe and equitable nursing care.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSN.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential I; BSN Essential VII; BSN Essential IX; QSEN Competency: Safety

**Outcome Statement**
Synthesize and apply knowledge from the humanities, the arts and letters, the social and natural sciences as a basis for clinical reasoning and decision-making in nursing practice.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSN.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential I; BSN Essential VII; BSN Essential IX; QSEN Competency: Safety

**Outcome Statement**
Effectively communicate using written, verbal and electronic methodologies.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSN.06.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential I; BSN Essential IV; BSN Essential VI; BSN Essential VII; BSN Essential IX; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Contribute to the enhancement of nursing practice through the delivery of compassionate care, and the evaluation of health outcomes, and the application of research to practice.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSN.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential I; BSN Essential VII; BSN Essential IX; QSEN Competency: Safety

**Outcome Statement**
Collaborate as a member of the interdisciplinary health care team, in partnership with the individual, family, group, or community, to promote health and wellness, prevent disease, and to influence health care delivery.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSN.05.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential I; BSN Essential VII; BSN Essential IX; QSEN Competency: Safety

**Outcome Statement**
Apply theories of nursing, patient teaching, leadership and management, and legal and ethical principles to promote optimal care delivery with nurse-sensitive quality indicators.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSN.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential I; BSN Essential V; BSN Essential VII; BSN Essential IX; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Quality Improvement; QSEN Competency: Safety

### Outcome Statement

Provide holistic, safe, competent patient care by applying the nursing process and evidence-based practice to manage the health care needs of culturally diverse individuals, families, groups, and communities.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Nursing, students must earn a minimum of 120 credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months and 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

### Type

Completion Requirement

Core Courses*

80 semester credit hours

**Complete ALL of the following Courses:**

- HCA400 - Health Information Systems
- HLT101 - Nutrition
- NUR219 - Dosage Calculations
- NUR303 - Essentials of Nursing practice
- NUR304 - Pathophysiology
- NUR305 - Concepts of Nursing I
- NUR307 - Concepts of Nursing II
- NUR309 - Concepts of Nursing III
- NUR310 - Pharmacology
- NUR325 - Health Assessment Across the Lifespan
- NUR347 - Mental Health Nursing
- NUR356 - Medical Surgical Nursing I
- NUR357 - Medical Surgical Nursing II
- NUR359 - Community Health Nursing
- NUR400 - Nursing Research
- NUR424 - Maternal/Newborn Nursing
- NUR426 - Parent Child Nursing
- NUR457 - Nursing Care of the Older Adult
- NUR458 - Acute Care Nursing
- NUR470 - Professional Leadership
- NUR475 - Transition to Practice I
- NUR476 - Transition to Practice II
- NUR480 - Senior Seminar

*The following courses are available online for Bachelor of Science in Nursing students at the Orlando, Florida campus:* HCA400 Health Information Systems and HLT101 Nutrition.

**Arts and Sciences Requirements**

### Type

Completion Requirement

Arts and Sciences Courses*

35 semester credit hours

**Complete ALL of the following Courses:**

- BIO111 - Anatomy and Physiology with Terminology I
- BIO111L - Anatomy and Physiology with Terminology I Lab
- BIO116 - Anatomy and Physiology with Terminology II
- BIO116L - Anatomy and Physiology with Terminology II Lab

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PSY300 - Human Growth and Development
- PSY105 - Introduction to Psychology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page. The following courses are available online for Bachelor of Science in Nursing students at the Orlando, Florida campus:* CAP480 Arts and Sciences Capstone, COM115 Principles of Communication, ENG110 College Composition, ENG120 Advanced Composition, HUM205 Culture, Thought, and the Human Experience, MTH131 College Algebra, MTH140 Statistics, PSY105 Introduction to Psychology, PSY300 Human Growth and Development.

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses**

5 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR103 - Freshman Orientation
- COR191 - Career Orientation
- COR196 - Study Skills

***The following courses are available online for Bachelor of Science in Nursing students at the Orlando, Florida campus:* CIS108 Office Applications *and* COR191 Career Orientation.

The Bachelor of Science Degree in Nursing (BSN) has the following program requirements.

## Program Philosophy

Faculty of the BSN program believe that:

- Baccalaureate nursing education is a basic preparation for professional nursing practice and establishes the foundation for life-long learning. The faculty members believe that the baccalaureate graduate is a generalist, prepared to provide clinical leadership in the assessment, planning, delivery and evaluation of health care for individuals, families and communities.
- The curriculum is structured to enable the student to demonstrate that they have developed an understanding and mastery of baccalaureate-level nursing and related concepts as they progress through their educational experience. Related concepts emphasized in the nursing curriculum include ethical decision-making, critical thinking, effective communication, leadership and management.

As envisioned by the faculty members, the nursing paradigm includes:

| | |
|---|---|
| ***Person*** | Each person is a unique being with basic rights and choices who experiences multiple stressors from their continually changing internal and external environments with varying degrees of adaptation. The ultimate goal that a person has is to find, establish and maintain balance with health. Clients of nursing care are composed of individuals, families, groups, and communities with diverse backgrounds, sharing common goals and values. Perceptions, attitudes, values, and goals are influenced by culture, race, spirituality, age, gender, and abilities. |
| ***Environment*** | The environment is a complex, open system existing in a dynamic state of change. Economic, political, environmental, and technological factors exert their effects on society. The nurse promotes an environment in which the person's needs may be met, while respecting individual differences related to values, customs, and responses to life experiences. |
| ***Health*** | Health is regarded as dynamic and multidimensional, with physical, mental, spiritual and social components that are all interrelated on the wellness-illness continuum, varying from a high level of wellness to varying degrees of illness. Health is influenced by both internal and external factors to the individuals' optimal level of functioning. When adaptive abilities are inadequate or stressed, the individual moves on the wellness-illness continuum toward a lower level of functioning. All people have the inherent right to make informed decisions regarding their health care, including self-determination. |
| ***Nursing*** | Nursing is both an art and a science. Professional nursing provides comprehensive health care services to clients in an effort to support them in attaining their optimal level of independence and wellness through the promotion, maintenance, and restoration of health. The role of the nurse is multifaceted, conceptualized in three primary categories: provider of care, coordinator of care and member of the profession. Nursing education is an interactive process, allowing the adult learner to incorporate previously learned knowledge, building a foundation for providing holistic, outcomes-oriented care. The profession works collaboratively with other members of the health care interdisciplinary team to facilitate optimal client outcomes. The faculty believes that the baccalaureate degree is the professional degree for nursing, providing the groundwork for the graduate degree. |
| ***Learning*** | Faculty members of the University believe baccalaureate education in nursing is the basis for professional practice as a nurse generalist and offers preparation for professional development and life-long learning. Baccalaureate nursing education, based upon a liberal arts education, is the synthesis of knowledge from a variety of disciplines, including humanities, social, behavioral, and natural sciences. Learning is a collaborative partnership between the student and the faculty member, promoted by critical thinking, problem-solving and effective decision-making. Learning occurs in a variety of settings, with each student responsible for maximizing his or her own experiences. Each student has unique life, educational and work experiences and therefore, has individual learning needs. Outcome assessments quantitatively and qualitatively measure achievement of programmatic goals. |

## Program Purpose

The purpose of the  program is to provide undergraduate students with the ability to practice professional nursing as a generalist, and academic foundation necessary to pursue graduate education. The Bachelor of Science in Nursing program is dedicated to providing educational opportunities for qualified students, from diverse backgrounds, in caring for individuals, families and communities and preparing graduates for the practice of registered professional nursing in a variety of health care settings. A foundation for life-long personal and professional learning is built upon a broad base of liberal arts and sciences, humanities, and nursing theory to assist students develop ethically reflective professional nursing skills that uphold the ideals of today's health care delivery system. Through evidence-based, clinical decision-making in nursing practice and the development of leadership skills, the professional registered nurse will be educated to service and benefit a multicultural society across the lifespan.

## Locations

Virginia Beach, VA (Health Science), Charleston, SC, Manassas, VA (Northern Virginia), Orlando, FL (Lake Mary), Richmond, VA (Emerywood)

# Organizational Leadership (BS) | Management Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0213

Students develop leadership skills necessary to function in a contemporary global environment by relating theory to real-world practical application in all industries and organizations, whether private or public, for-profit or not-for-profit. Students will integrate policies, procedures, and systems to build effective and efficient learning organizations. Focus is on collaboration to influence individual and team behaviors in social, economic, and ethical situations. Curriculum provides the opportunity to communicate vision and positive change and to create a culture of inclusion, while demonstrating emotional intelligence competencies. The program integrates the functions of management in leadership positions to make complex strategic decisions for continuous improvement and to motivate goal-oriented members to add value to the organization.

Graduates of the Organizational Leadership concentration may find employment in a variety of industries. Possible job titles include Human Resources Manager, Project Manager, Team Leader/Logistics Manager, and Operations Manager.

The Management Concentration allows students to gain a general background in organizational leadership with the ability to choose tracks and electives that focus on areas of interest related to their unique career paths.

This program offers three tracks:

| TRACK | DESCRIPTION |
|---|---|
| ***Human Resources Management Track*** | The human resource management track provides students with the opportunity to engage in contemporary practices that support and motivate a diverse and multicultural workforce in individual and group settings. Employee recruitment and retention is emphasized, including compensation and benefits, rewards and recognition. |
| ***Leadership Track*** | The leadership track allows students to develop ethical leadership skills and abilities and the emotional intelligence necessary to lead contemporary organizations. The program emphasizes the creation of a learning environment that encourages change and innovation. Students are afforded an opportunity to develop strategic decision-making and problem-solving skills. |
| ***Project Management Track*** | The project management track focuses on leading projects from start to completion. Students will develop the skills set to lead project teams and will use project management tools to successfully manage the different stages of projects, including how to maximize performance and minimize risk. Core competencies, quality control, and enhancing the customer experience through a collaborative organizational framework are emphasized. |

## 4 + 1 Undergraduate to Graduate Option

The 4+1 programs offer students with the opportunity to seamlessly transition from their bachelor's degree to a master's degree in an accelerated timeframe. This program allows students to complete both degrees by integrating selected graduate-level coursework into their undergraduate curriculum. By taking advantage of this program, students can maximize their time and resources, efficiently advancing their education and enhancing their career prospects. Through rigorous coursework and advanced research projects, students develop specialized knowledge and skills in their chosen field, positioning themselves for leadership roles and further academic pursuits upon graduation.

## 4 + 1 BSOL to MSM/MBA Program

The 4+1 programs allow for BSBA and BSOL students to take up to 6 credit hours (2 classes) that count towards fulfilling their undergraduate degree requirements and count towards the completion of their master’s program. The bachelor’s degree is awarded after successful completion of all BSBA and/or BSOL requirements. Once the bachelor’s degree is completed, a student is required to apply for the graduate program.

Below is the program curriculum for the 4+1 course pairings offered. Some undergraduate courses listed are required for the program, while others may be taken as electives. While the student is enrolled in the undergraduate course, additional course work is required at that time for the 4+1 program. The admission criteria for participation in the 4+1 Undergraduate to MBA or MSM programs are as follows:

- Students must have completed 60 undergraduate credit hours towards their baccalaureate degree
- Students must maintain a cumulative undergraduate GPA of 3.0 on a 4.0

| MBA Courses | BSBA Courses |
| --- | --- |
| MGT520 Organizational Behavior and Leadership Organizational Behavior and Leadership | BUS303 Organizational Leadership and Management Organizational Leadership and Management |
| MGT528 Business Research and Analysis Business Research and Analysis | BUS480 Strategic Planning and Implementation Strategic Planning and Implementation |
| MGT532 Organizational Change and Development Organizational Change and Development | BUS409 Organizational Dynamics: Motivation and Leadership Organizational Dynamics: Motivation and Leadership |

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost.

Certifications recommended for entry level career positions in the Operations, Logistics, and Supply Chain Management concentration are Certified Associate in Project Management (CAPM) and Six Sigma Green Belt.

## Outcomes

Upon successful completion of the program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSOL-MGT.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Utilize advanced decision-making strategies appropriate for the managerial context.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSOL.05.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Examine an organizational community of learning and positive change.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSOL.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate effective communication in a global environment.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSOL.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Conduct organizational research and analysis.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSOL.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ethical behavior and professional values.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSOL.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply critical thinking and analytical skills to make strategic decisions.

For additional information about the program link to: https://www.ecpi.edu/programs/leadership-bachelor-degree. To see Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Organizational Leadership, students must earn 121 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. Students will select one of the tracks available under this program. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

33 semester credit hours

**Complete ALL of the following Courses:**

- ACC101 - General Accounting
- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business
- BUS222 - Ethics in Business
- BUS303 - Organizational Leadership and Management
- BUS321 - Business Organizational Management
- BUS331 - Management Information Systems
- BUS460 - Leadership Capstone
- ECO202 - Microeconomics
- HRM211 - Introduction to Human Resources Management
- MKT214 - Marketing Management

**Arts and Sciences Requirements**

**Type**
Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PHY120 - Physics
- PHY120L - Physics Lab
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts and Sciences Department page.*

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications

- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Human Resources Track**

**Type**
Completion Requirement

Human Resources Track Courses

12 semester credit hours

**Complete ALL of the following Courses:**
- BUS316 - Foundations of Decision Making
- HRM443 - Staffing and Workforce Diversity
- HRM463 - Compensation and Benefits
- LAW225 - Legal Environment of Business

Human Resources Track Elective Courses

39 semester credit hours

**Any course from BSBA and/or the other BS Organizational Leadership concentration depending on prerequisite. General electives from other programs and schools.**

**Leadership Track**

**Type**
Completion Requirement

Leadership Track Courses

12 semester credit hours

**Complete ALL of the following Courses:**
- BUS224 - Change Management
- BUS226 - Managerial Processes and Communications
- BUS316 - Foundations of Decision Making
- BUS409 - Organizational Dynamics: Motivation and Leadership

Leadership Track Elective Courses

39 semester credit hours

**Any course from BSBA and/or the other BS Organizational Leadership concentration depending on prerequisite. General electives from other programs and schools.**

**Project Management Track**

**Type**
Completion Requirement

Project Management Track Courses

13 semester credit hours

**Complete ALL of the following Courses:**
- ACC312 - Accounting for Business Decisions
- BUS328 - Business Process Improvement
- OPM227 - Operations Management
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

Project Management Track Electives

38 semester credit hours

**Any course from BSBA and/or the other BS Organizational Leadership concentration depending on prerequisite. General electives from other programs and schools.**

The Bachelor of Science in Organizational Leadership Management concentration has the following program requirements.

## Locations

Online, Newport News, VA

# Organizational Leadership (BS) | Operations, Logistics, and Supply Chain Management Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0205

Students develop leadership skills necessary to function in a contemporary global environment by relating theory to real-world practical application in all industries and organizations, whether private or public, for-profit or not-for-profit. Students will integrate policies, procedures, and systems to build effective and efficient learning organizations. Focus is on collaboration to influence individual and team behaviors in social, economic, and ethical situations. Curriculum provides the opportunity to communicate vision and positive change and to create a culture of inclusion, while demonstrating emotional intelligence competencies. The program integrates the functions of management in leadership positions to make complex strategic decisions for continuous improvement and to motivate goal-oriented members to add value to the organization.

The logistics and supply chain management concentration allows students to develop skills necessary to function in a global logistics and supply chain environment by relating models and theory to real-world practical applications. Students will integrate methods, software applications, policies, procedures, and systems to build effective and efficient supply chain-focused operations. The key goals of creating and maintaining customer satisfaction, within budget and on time delivery, is the focus of this program.

## 4 + 1 Undergraduate to Graduate Option

The 4+1 programs offer students with the opportunity to seamlessly transition from their bachelor's degree to a master's degree in an accelerated timeframe. This program allows students to complete both degrees by integrating selected graduate-level coursework into their undergraduate curriculum. By taking advantage of this program, students can maximize their time and resources, efficiently advancing their education and enhancing their career prospects. Through rigorous coursework and advanced research projects, students develop specialized knowledge and skills in their chosen field, positioning themselves for leadership roles and further academic pursuits upon graduation.

## 4 + 1 BSOL to MSM/MBA Programs

The 4+1 programs allow for BSBA and BSOL students to take up to 6 credit hours (2 classes) that count towards fulfilling their undergraduate degree requirements and count towards the completion of their master’s program. The bachelor’s degree is awarded after successful completion of all BSBA and/or BSOL requirements. Once the bachelor’s degree is completed, a student is required to apply for the graduate program.

Below is the program curriculum for the 4+1 course pairings offered. Some undergraduate courses listed are required for the program, while others may be taken as electives. While the student is enrolled in the undergraduate course, additional course work is required at that time for the 4+1 program. The admission criteria for participation in the 4+1 Undergraduate to MBA or MSM programs are as follows:

- Students must have completed 60 undergraduate credit hours towards their baccalaureate degree
- Students must maintain a cumulative undergraduate GPA of 3.0 on a 4.0

| MBA Courses | BSBA Courses |
|---|---|
| MGT520 Organizational Behavior and Leadership Organizational Behavior and Leadership | BUS303 Organizational Leadership and Management Organizational Leadership and Management |
| MGT528 Business Research and Analysis Business Research and Analysis | BUS480 Strategic Planning and Implementation Strategic Planning and Implementation |
| MGT532 Organizational Change and Development Organizational Change and Development | BUS409 Organizational Dynamics: Motivation and Leadership Organizational Dynamics: Motivation and Leadership |

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost.

Certifications recommended for entry level career positions in the Operations, Logistics, and Supply Chain Management concentration are Certified Associate in Project Management (CAPM) and Six Sigma Green Belt.

## Outcomes

Upon successful completion of the program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
BSOL-SCM.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply forecasting tools and methods in a successful logistical supply chain model.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSOL.05.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Examine an organizational community of learning and positive change.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSOL.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate effective communication in a global environment.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSOL.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Conduct organizational research and analysis.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSOL.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply ethical behavior and professional values.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
BSOL.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply critical thinking and analytical skills to make strategic decisions.

For additional information about the program link to: https://www.ecpi.edu/programs/leadership-bachelor-degree. To see Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Bachelor of Science in Organizational Leadership, students must earn 121 semester credit hours. The program requires a minimum of 8 semesters, which is equivalent to 30 months or 120 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

33 semester credit hours

**Complete ALL of the following Courses:**

- ACC101 - General Accounting
- BUS102 - Fundamentals of Customer Service
- BUS121 - Introduction to Business
- BUS222 - Ethics in Business
- BUS303 - Organizational Leadership and Management
- BUS321 - Business Organizational Management
- BUS331 - Management Information Systems
- BUS460 - Leadership Capstone
- ECO202 - Microeconomics
- HRM211 - Introduction to Human Resources Management
- MKT214 - Marketing Management

**Arts and Sciences Requirements**

### Type
Completion Requirement

Arts and Sciences Courses*

31 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication
- ENG110 - College Composition
- ENG120 - Advanced Composition
- HUM205 - Culture, Thought, and the Human Experience
- MTH131 - College Algebra
- MTH140 - Statistics
- PHY120 - Physics
- PHY120L - Physics Lab
- PSY105 - Introduction to Psychology
- PSY225 - Industrial/Organizational Psychology

**For allowable substitutions of arts and sciences courses, see the Arts and Sciences Department page.*

**Self-Integration Requirements**

### Type
Completion Requirement

Self-Integration Courses

6 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- COR191 - Career Orientation
- FOR110 - Essentials for Success

**Operations, Logistics, and Supply Chain Management Concentration Requirements**

### Type
Completion Requirement

Concentration Courses

23 semester credit hours

**Complete ALL of the following Courses:**

- BAN317 - Data Analytics, Machine Learning, and Business Forecasting
- ACC312 - Accounting for Business Decisions
- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- OPM227 - Operations Management
- OPM307 - Logistics and Supply Chain Management

- OPM403 - Operations, Logistics, and Supply Chain Management Capstone
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

Operations, Logistics, and Supply Chain Management Elective Requirements

28 semester credit hours

**Any course from BSBA and/or the other BS Organizational Leadership concentration depending on prerequisite. General electives from other programs and schools.**

The Bachelor of Science in Organizational Leadership Operations, Logistics, and Supply Chain Management concentration has the following program requirements.

## Locations

Online, Newport News, VA

# Business Administration (Certificate) | Financial Literacy for Business Professionals

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0301

### Program Overview

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. They may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Business Administration Certificate
- **Academic Policy > Satisfactory Academic Progress** > SAP - Business Administration Certificate

### About Financial Literacy for Business Professionals

This certificate program provides individuals working in business with a fundamental understanding of principles of accounting. It provides a strong foundation for individuals seeking positions in bookkeeping, accounts payable, accounts receivable, and payroll processing. It also provides individuals working in other aspects of business-important concepts for financial literacy.

### Student Evaluation

Students' academic progress will be evaluated after each course grade has been awarded. In general and unless otherwise stated, the minimum grade to maintain satisfactory progress is 70% or C-. Students must achieve a minimum term grade point average of 2.0.

A course may not be repeated more than once without approval of the designated academic official. Grades achieved in courses that are repeated due to course withdrawal (W, WP) or failure (F, WF) will replace previous withdrawal or failing grades. A student who is approved to repeat a course due to a failing grade (F, WF) must successfully pass the course by the third attempt. After three failed attempts the student will be academically dismissed (for appeal of academic dismissal, see Appealing an Academic Dismissal).

## Outcomes

Upon completion of the Certificate in Financial Literacy for Business Professionals, graduates are able to:

### Outcome Details

#### Choose Outcome Type
Concentration Outcome

#### Outcome Code
CBUS-FL.01.0

#### Effective Start Date
Nov 1, 2021

#### Outcome Statement
Demonstrate basic accounting principles

## Requirements

### Simple Requirements

**Program Requirements**

Students in the Financial Literacy for Business Professionals certificate program must earn 12 semester credit hours. The program requires a minimum of 2 semesters, which is equivalent to 4 months or 20 weeks. The program requirements are as follows:

**Core Curriculum Requirements**

### Type
Completion Requirement

Core Curriculum Courses

12 semester credit hours

**Complete ALL of the following Courses:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- ACC309 - Managerial Accounting for Managers
- ACC330 - Cost Accounting

The Certificate in Business Administration | Financial Literacy for Business Professionals has the following program requirements

## Locations

Virginia Beach, VA (Main), Online, Newport News, VA

# Business Administration (Certificate) | Lean Methodology and Project Management

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0213

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. They may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Business Administration Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Business Administration Certificate

### About Lean Methodology and Project Management

The modern workplace is more complex than ever. As a consequence, the ability to coordinate efficient and productive collaboration is a skill set highly desired by employers across all industries. This program introduces participants to principles of Six Sigma and Project Management methods. Students will work hands-on with tools such as Microsoft Project, Microsoft Visio, and Microsoft Excel that are commonly used to practice these methods to reinforce theory.

### Student Evaluation

Students' academic progress will be evaluated after each course grade has been awarded. In general and unless otherwise stated, the minimum grade to maintain satisfactory progress is 70% or C-. Students must achieve a minimum term grade point average of 2.0.

A course may not be repeated more than once without approval of the designated academic official. Grades achieved in courses that are repeated due to course withdrawal (W, WP) or failure (F, WF) will replace previous withdrawal or failing grades. A student who is approved to repeat a course due to a failing grade (F, WF) must successfully pass the course by the third attempt. After three failed attempts the student will be academically dismissed (for appeal of academic dismissal, see Appealing an Academic Dismissal).

## Outcomes

Upon completion of the Certificate in Lean Methodology and Project Management, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
CBUS-LMP.01.0

**Effective Start Date**
Jan 1, 2021

**Outcome Statement**
Analyze and develop procedures for efficiency in the workplace

## Requirements

### Simple Requirements

**Program Requirements**

Students in the Lean Methodology and Project Management certificate program must earn 8 semester credit hours. The program requires a minimum of 1 semester, which is equivalent to 2 months or 10 weeks. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Curriculum Courses

8 semester credit hours

**Complete ALL of the following Courses:**

- BUS328 - Business Process Improvement
- BUS328L - Business Process Improvement LAB
- PMT472 - Applied Project Management
- PMT472L - Applied Project Management Lab

The Certificate in Business Administration | Lean Methodology and Project Management has the following program requirements

## Locations

Virginia Beach, VA (Main), Online, Newport News, VA

# Computer and Information Science (Certificate) | Cyber Defense and Ethical Hacking

## Overview

### College
College of Technology

### Program CIP Code
11.1003

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. This may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Computer and Information Science Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Computer and Information Science Certificate

### About Cyber Defense and Ethical Hacking

The certificate program covers aspects of the offensive and defensive tactics in protecting an organization's systems, such as planning, designing, configuring, and administering a network and security infrastructure. The certificate teaches students to monitor and troubleshoot a network and security infrastructure. This employer-driven hands-on interactive educational program equips students with cybersecurity skills required for career-entry positions in cybersecurity for a wide range of companies.

## Outcomes

Upon completion of the Certificate in Cyber Defense and Ethical Hacking, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
CCIS-CD.01.0

**Effective Start Term**
202505 E

**Effective Start Date**
May 12, 2025

**Outcome Statement**
Assess and implement technical and non-technical security controls to protect an organization from threats and vulnerabilities.

## Requirements

### Simple Requirements

**Program Requirements**

Students in the Cyber Defense and Ethical Hacking certificate program must earn 15 semester credit hours. The program requires a minimum of 2 semesters, which is equivalent to 6 months or 25 weeks. The program requirements are as follows:

**Cyber Defense and Ethical Hacking Certificate Requirements**

**Type**
Completion Requirement

Cyber Defense and Ethical Hacking Certificate Courses

15 semester credit hours

**Complete ALL of the following Courses:**

- CYB250 - Principles of Cybersecurity with AI
- CYB300 - Advanced Cybersecurity with AI

- CYB300L - Advanced Cybersecurity with AI Lab
- CYB400 - Ethical Hacking with AI
- CYB400L - Ethical Hacking with AI Lab
- CYB410 - Ethical Hacking with AI II
- CYB410L - Ethical Hacking II with AI Lab

The Cyber Defense and Ethical Hacking Certificate has the following program requirements.

## Locations

Virginia Beach, VA (Main), Charlotte, NC, Newport News, VA, Raleigh, NC, Richmond, VA (Glen Allen)

# Computer and Information Science (Certificate) | Linux System Administration

## Overview

### College
College of Technology

### Program CIP Code
11.1001

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. This may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Computer and Information Science Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Computer and Information Science Certificate

## About Linux System Administration

The certificate program covers aspects of the administration of Linux system administration such as installation, configuration, hardening, scripting, managing, and troubleshooting different Linux distributions. This employer-driven hands-on interactive educational program equips students with system administration skills required for career-entry positions in Linux system administration for a wide range of companies.

## Outcomes

Upon completion of the Certificate in Linux System Administration, graduates are able to:

## Outcome Details

### Choose Outcome Type
Concentration Outcome

### Outcome Code
CCIS-LA.01.0

### Effective Start Term
202505 E

### Effective Start Date
May 12, 2025

### Outcome Statement
Maintain, monitor, and troubleshoot a network and security infrastructure.

## Requirements

## Simple Requirements

**Program Requirements**

Students in the Linux System Administration certificate program must earn 10 semester credit hours. The program requires a minimum of 1 semester, which is equivalent to 2 months or 10 weeks. The program requirements are as follows:

**Linus System Administration Certificate Requirements**

### Type
Completion Requirement

Linux System Administration Certificate Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- CST200 - Linux Administration
- CYB120 - Introduction to Python Programming
- CYB340 - Advanced LInux Administration

- CYB340L - Advanced Linux Administration LAB

The Linux System Administration Certificate has the following program requirements.

## Locations

Virginia Beach, VA (Main), Charlotte, NC, Newport News, VA, Raleigh, NC, Richmond, VA (Glen Allen)

# Computer and Information Science (Certificate) | Technical Support

## Overview

### College
College of Technology

### Program CIP Code
11.9999

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. This may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Computer and Information Science Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Computer and Information Science Certificate

## About Technical Support

The certificate program covers aspects of the use of information technology in today's organizations, including operating systems, software programs, networking, and security. This employer-driven hands-on interactive educational program equips students with skills required for career-entry positions in tier 1 technical support for a wide range of companies.

## Outcomes

Upon completion of the Certificate in Technical Support, graduates are able to:

## Outcome Details

### Choose Outcome Type
Concentration Outcome

### Outcome Code
CCIS-TS.01.0

### Effective Start Term
INVEN

### Effective Start Date
Jan 1, 2023

### Outcome Statement
Use processes, tools, and technologies required to solve computing problems common to the profession.

## Requirements

## Simple Requirements

**Program Requirements**

Students in the Technical Support certificate program must earn 12 semester credit hours. The program requires a minimum of 1 semester, which is equivalent to 3 months or 15 weeks. The program requirements are as follows:

**Technical Support Certificate Requirements**

### Type
Completion Requirement

Technical Support Certificate Courses

12 semester credit hours

**Complete ALL of the following Courses:**

- CST120 - Computer Configuration I
- CST140 - Introduction to Operating Systems
- CST160 - Introduction to Networking

- CYB200 - Network Protocols and Services

The Technical Support Certificate has the following program requirements.

## Locations

Virginia Beach, VA (Main), Charlotte, NC, Newport News, VA, Raleigh, NC, Richmond, VA (Glen Allen), Online

# Computer and Information Science (Certificate) | Windows System Administration

## Overview

### College
College of Technology

### Program CIP Code
11.1001

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. This may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Computer and Information Science Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Computer and Information Science Certificate

## About Windows System Administration

The certificate program covers aspects of the administration of Windows client and server administration such as installation, configuration, hardening, scripting, managing, and troubleshooting different Windows clients and servers. This employer-driven hands-on interactive educational program equips students with Windows administration skills required for career-entry positions in Windows system administration for a wide range of companies.

## Outcomes

Upon completion of the Certificate in Windows System Administration, graduates are able to:

## Outcome Details

### Choose Outcome Type
Concentration Outcome

### Outcome Code
CCIS-WA.01.0

### Effective Start Term
202505 E

### Effective Start Date
May 12, 2025

### Outcome Statement
Maintain, monitor, and troubleshoot a network and security infrastructure.

## Requirements

## Simple Requirements

**Program Requirements**

Students in the Windows System Administration certificate program must earn 13 semester credit hours. The program requires a minimum of 1 semester, which is equivalent to 3 months or 15 weeks. The program requirements are as follows:

**Windows System Administration Certificate Requirements**

### Type
Completion Requirement

Windows System Administration Certificate Courses

13 semester credit hours

**Complete ALL of the following Courses:**

- CYB120 - Introduction to Python Programming
- CYB240 - Windows Client and Server
- CYB240L - Windows Client and Server LAB

- CYB280 - Microsoft 365 Administration
- CYB360 - Advanced Windows Server

The Windows System Administration Certificate has the following program requirements.

## Locations

Virginia Beach, VA (Main), Charlotte, NC, Newport News, VA, Raleigh, NC, Richmond, VA (Glen Allen)

# Criminal Justice (Certificate) | Digital Forensics

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
43.0104

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. They may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Criminal Justice Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Criminal Justice Certificate

## About Digital Forensics

The certificate program introduces aspects of how the field of criminal investigation is evolving due to rapid changes in technology. Students will be introduced to cybercrime investigation procedures and students will gain hands-on experience collecting data from digital devices including; phones, tablets and computers. The program is designed to provide current law enforcement officers with academic experience deemed beneficial for transitioning to Digital Forensic Examiner roles.

## Outcomes

Upon completion of the Certificate in Digital Forensics, graduates are able to:

## Outcome Details

### Choose Outcome Type
Concentration Outcome

### Outcome Code
CCJ-DF.01.0

### Effective Start Date
Jan 1, 2021

### Outcome Statement
Ethically apply digital forensic investigative techniques and cybercrime prevention.

## Requirements

## Simple Requirements

**Program Requirements**

Students in the Digital Forensics certificate program must earn 14 semester credit hours. The program requires a minimum of 1 semester, which is equivalent to 3 months or 15 weeks. The program requirements are as follows:

**Core Curriculum Requirements**

### Type
Completion Requirement

Core Curriculum Courses

14 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- CJ125 - Criminal Procedure
- CJ229 - Cybercrime Investigations

- CJ310 - Digital Forensic Analysis
- CJ315 - Mobile Device Forensics

The Certificate in Criminal Justice | Digital Forensics has the following program requirements

## Locations

Virginia Beach, VA (Main), Newport News, VA, Online

# Criminal Justice (Certificate) | Foundations of Law Enforcement

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
43.0104

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. They may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Criminal Justice Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Criminal Justice Certificate

## About Foundations of Law Enforcement

This certificate program is designed for those seeking entry level positions in state and local law enforcement as well as correctional facilities where preference is given to those with related collegiate training but a degree is not required. The program covers aspects of the Criminal Justice system including a foundation in understanding criminal law and the rights of both law enforcement and citizens. It also provides a background to understand the Bill of Rights and US Constitution so that students gain an understanding for the role of law enforcement in our Criminal Justice system.

## Outcomes

Upon completion of the Certificate in Foundations of Law Enforcement, graduates are able to:

## Outcome Details

### Choose Outcome Type
Concentration Outcome

### Outcome Code
CCJ-LEF.01.0

### Effective Start Date
Jan 1, 2021

### Outcome Statement
Professionally apply legal principles, policies, and procedures in the law enforcement field.

## Requirements

## Simple Requirements

**Program Requirements**

Students in the Foundations of Law Enforcement certificate program must earn 12 semester credit hours. The program requires a minimum of 1 semester, which is equivalent to 3 months or 15 weeks. The program requirements are as follows:

**Core Curriculum Requirements**

### Type
Completion Requirement

Core Curriculum Courses

12 semester credit hours

**Complete ALL of the following Courses:**

- CJ100 - Introduction to Criminal Justice
- CJ106 - Criminal Law

- CJ125 - Criminal Procedure
- CJ325 - CJ Special Populations

The Certificate in Criminal Justice | Foundations of Law Enforcement has the following program requirements.

## Locations

Virginia Beach, VA (Main), Newport News, VA, Online

# Criminal Justice (Certificate) | Law Enforcement Management

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
43.0104

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. They may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Criminal Justice Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Criminal Justice Certificate

## About Law Enforcement Management

The certificate program covers aspects of management fundamentals within the context of the Criminal Justice system. Courses are designed to help those already in law enforcement meet the academic requirements deemed beneficial for promotional consideration. Students will learn multicultural communication strategies, components of conducting criminal investigations, law enforcement managements systems, and more.

## Outcomes

Upon completion of the Certificate in Law Enforcement Management, graduates are able to:

## Outcome Details

### Choose Outcome Type
Concentration Outcome

### Outcome Code
CCJ-LEM.01.0

### Effective Start Date
Jan 1, 2021

### Outcome Statement
Apply appropriate leadership principles commensurate to managerial roles within law enforcement agencies.

## Requirements

## Simple Requirements

**Program Requirements**

Students in the Law Enforcement Management certificate program must earn 12 semester credit hours. The program requires a minimum of 1 semester, which is equivalent to 2 months or 10 weeks. The program requirements are as follows:

**Core Curriculum Requirememements**

### Type
Completion Requirement

Core Curriculum Courses

12 semester credit hours

**Complete ALL of the following Courses:**

- CJ200 - Investigations
- CJ245 - Multi-Cultural Communication for Law Enforcement
- CJ361 - Law Enforcement Management

- CJ430 - Critical Incident Management

The Certificate in Criminal Justice | Law Enforcement Management has the following program requirements.

## Locations

Virginia Beach, VA (Main), Newport News, VA, Online

# Culinary Arts (Certificate) | Food Service Financial Management

## Overview

### College
College of Culinary Arts

### Program CIP Code
52.0905

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. They may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Culinary Arts Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Culinary Arts Certificate

## About Food Service Financial Management

The certificate program covers aspects of the food service industry specifically from the perspective of financial management, learning the fundamentals of hospitality accounting, including how to develop and interpret financial balance sheets, income statements, profit and loss statements, and statements of cash flow.

## Outcomes

Upon completion of the Certificate in Food Service Financial Management, graduates are able to:

## Outcome Details

### Choose Outcome Type
Concentration Outcome

### Outcome Code
CCUL-FSFM.01.0

### Effective Start Term
202312 E

### Effective Start Date
Dec 11, 2023

### Outcome Statement
Demonstrate a working knowledge of operational cost controls and its relation to the overall financial success of a foodservice establishment.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Certificate, students in the Food Service Financial Management program must earn 9 semester credit hours. The program requires a minimum of 1 semester, which is equivalent to 2 months or 10 weeks. The program requirements are as follows:

**Core Curriculum Requirements**

### Type
Completion Requirement

Core Curriculum Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- ACC101 - General Accounting
- FSM320 - Food Service Financial Management
- FSM380 - Food Service Cost Controls

The Certificate in Culinary Arts | Food Service Financial Management has the following program requirements.

## Locations

Norfolk, VA (Culinary Institute of Virginia), Online

# Culinary Arts (Certificate) | Food Service Leadership

## Overview

### College
College of Culinary Arts

### Program CIP Code
52.0905

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. They may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Culinary Arts Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Culinary Arts Certificate

## About Food Service Leadership

The certificate program covers aspects of the leadership skills associated with creating, communicating, and implementing an operational vision. Students will learn to use effective leadership communication skills to manage diversity in the workforce, coach and motivate staff members, resolve staff conflicts, and empower/delegate tasks to be an effective leader in food service operations.

## Outcomes

Upon completion of the Certificate in Food Service Leadership, graduates are able to:

## Outcome Details

### Choose Outcome Type
Concentration Outcome

### Outcome Code
CCUL-FSL.01.0

### Effective Start Date
Jan 1, 2021

### Outcome Statement
Implement effective leadership techniques to enhance operational decision-making.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Certificate, students in the Food Service Leadership program must earn 12 semester credit hours. The program requires a minimum of 1 semester, which is equivalent to 2 months or 10 weeks. The program requirements are as follows:

**Core Curriculum Requirements**

### Type
Completion Requirement

Core Curriculum Courses

12 semester credit hours

**Complete ALL of the following Courses:**

- FSM310 - Leadership in Foodservice
- FSM330 - Communication for Food Service Professionals
- FSM360 - Managing Outstanding Customer Service

- FSM410 - Operational Ethics and Legal Issues

The Certificate in Culinary Arts | Food Service Leadership has the following program requirements.

## Locations

Norfolk, VA (Culinary Institute of Virginia), Online

# Engineering Technology (Certificate) | CAD, Prototyping, and 3D Printing

## Overview

### College
College of Technology

### Program CIP Code
15.1302

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. They may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Engineering Technology Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Engineering Technology Certificate

## About CAD, Prototyping, and 3D Printing

The certificate program is intended for students seeking entry level drafting positions within manufacturing or engineering firms. The program covers aspects of 3D modeling, which businesses are utilizing more frequently to cut costs, produce stronger and lighter parts, reduce time to market and improve efficiency. Working with AutoCAD software, students will create and edit simple drawings, translate file formats for articulation between different systems, and utilize 3 dimensional printers to create prototypes.

## Outcomes

Upon completion of the Certificate in CAD, Prototyping, and 3D Printing, graduates will be able to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
CETCAD.01.0

### Effective Start Term
202512 E

### Effective Start Date
Dec 15, 2025

### Outcome Statement
Select and apply current knowledge, techniques, skills, and modern tools of mechanical engineering technology.

- Select and apply current knowledge, techniques, skills, and modern tools of mechanical engineering technology.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Certificate, students in the CAD, Prototyping, and 3D Printing program must earn 10 semester credit hours. The program requires a minimum of 1 semester, which is equivalent of 3 months or 15 weeks of instruction. The program requirements are as follows:

**CAD, Prototyping, and 3D Printing Certificate Requirements**

### Type
Completion Requirement

Certificate Courses

10 semester credit hours

**Complete ALL of the following Courses:**

- CAD104 - Rapid Prototyping and 3D Printing
- MET192 - Graphics Communication
- MET192L - Introduction to 3-D Modeling LAB
- MET213 - Advanced 3D Modeling

The certificate in CAD, Prototyping, and 3D Printing has the following program requirements.

## Locations

Virginia Beach, VA (Main), Newport News, VA

# Engineering Technology (Certificate) | Manufacturing Processes and CNC Programming

## Overview

### College
College of Technology

### Program CIP Code
15.0613

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. They may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Engineering Technology Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Engineering Technology Certificate

## About Manufacturing Processes and CNC Programming

The certificate program covers aspects of needed skills and knowledge for manufacturing. Students will gain an understanding of various materials characteristics and applications, manufacturing processes, and machining techniques. Students will learn about CNC systems, controls, operation, set-up, hand-compiled programs such as G-code, and CAM programs. This program was designed for students seeking entry-level positions as a manufacturing technician or CNC operator.

## Outcomes

Upon completion of the Certificate in Manufacturing Processes and CNC Programming, graduates will be able to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
CETCNC.02.0

### Effective Start Term
202512 E

### Effective Start Date
Dec 15, 2025

### Outcome Statement
Design systems, components, or processes.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Certificate, students in the Manufacturing Processes and CNC Programming program must earn 13 semester credit hours. The program requires a minimum of 1 semester, which is equivalent of 3 months or 15 weeks of instruction. The program requirements are as follows:

**Manufacturing Processes and CNC Programming Certificate Requirements**

### Type
Completion Requirement

Certificate Courses

13 semester credit hours

**Complete ALL of the following Courses:**

- MET191 - Materials Science
- MET221 - Manufacturing Processes
- MET320 - Machine Tools

- MET320L - Machine Tools Lab
- MET322 - CNC Machining with Computer-Aided Manufacturing (CAM)

The certificate in Manufacturing and CNC Processes has the following program requirements.

## Locations

Virginia Beach, VA (Main), Newport News, VA, Online

# Engineering Technology (Certificate) | Digital Logic Systems

## Overview

### College
College of Technology

### Program CIP Code
15.0406

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. They may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Engineering Technology Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Engineering Technology Certificate

## About Digital Logic Systems

The certificate program covers foundational knowledge of basic electricity and digital systems. The fundamental understanding of AC and DC concepts is gained through the use of test equipment and troubleshooting. Students will learn about combinational and sequential circuits, state machines, and ADC/DAC converters. Upon successful program completion, students will be able to design and implement combinational and sequential logic circuits. It is intended for those seeking entry level positions installing and maintaining electrical and electronic equipment in residential and commercial environments.

## Outcomes

Upon completion of the Certificate in Digital Logic Systems, graduates will be able to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
CETDLS.01.0

### Effective Start Term
202512 E

### Effective Start Date
Dec 15, 2025

### Outcome Statement
Conduct standard tests and measurements; conduct, analyze, and interpret experiments; and apply experimental results to improve processes.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Certificate, students in the Digital Logic Systems program must earn 13 semester credit hours. The program requires a minimum of 2 semesters, which is equivalent of 4 months or 20 weeks of instruction. The program requirements are as follows:

**Digital Logic Systems Certificate Requirements**

### Type
Completion Requirement

Certificate Courses

13 semester credit hours

**Complete ALL of the following Courses:**

- EET110 - Electric Circuits I
- EET130 - Digital Systems I

- EET230 - Digital Systems II
- ESET111 - Electric Circuits II
- ESET111L - Electric Circuits II Lab

The Digital Logic Systems Certificate has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Newport News, VA, Richmond, VA (Glen Allen)

# Manufacturing Maintenance Technician (Certificate)

## Overview

### College
College of Technology

### Program CIP Code
47.0303

Manufacturing Maintenance Technicians install, maintain and repair electrical, electronic, and mechanical equipment. They also assist in the development, testing, production, and quality assurance of equipment and components such as: circuit boards, hydraulic and pneumatic equipment, pumps, and control systems. Skills in the Manufacturing Maintenance field can be applied in various areas including maintenance and repair, installation, quality assurance, and research and development.

The Manufacturing Maintenance curriculum provides the education and foundation needed for employment in a variety of related industries in both the private and public sector including automation and manufacturing, aerospace, and automotive industries.

The certificate program offers students the chance to work with and troubleshoot programmable logic controllers and integrated systems, learn by doing while grasping a firm theoretical foundation in electronics and mechanical technology, and put into practice acquired knowledge through several hands-on projects.

### About Manufacturing Maintenance Technician

The Manufacturing Maintenance Technician program prepares students for employment in a variety of related industries in both the private and public sector including automation and manufacturing, aerospace, and automotive industries. Manufacturing Maintenance Technician graduates may also be employed as:

- Industrial Maintenance Technician
- Maintenance Technician
- Facilities Maintenance Technician

### Program Objectives

Graduates of the Manufacturing Maintenance Technician certificate program are expected to attain the following objectives within a few years of graduation:

- Apply mathematical, science, and engineering methods to solve technical problems
- Perform as effective team members through adequate oral and written communication skills
- Relate and exercise an educated judgment regarding their professional and ethical responsibilities
- Pursue lifelong learning and successful professional careers

### Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages student to obtain all appropriate certifications to increase potential job opportunities. ECPI provides students in this program with vouchers which allow the student to take certification exams at a greatly reduced cost. Available certifications for this program include: Associate Certified Electronics Technician (CETa) and AutoCAD Certified User.

## Outcomes

Students in the Manufacturing Maintenance Technician certificate program learn to apply technical and analytical skills in electrical, electronics, and related industry to solve engineering problems and maintain equipment and facilities. They apply basic math and engineering principles to solve technical problems and implement complex hardware and software systems.

Upon completion of the Certificate in Manufacturing Maintenance Technician program, graduates will be able to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
CETMMT.04.0

### Effective Start Date
Aug 1, 2022

### Outcome Statement
Function effectively as a member of a technical team.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
CETMMT.03.0

**Effective Start Date**
Aug 1, 2022

**Outcome Statement**
Communicate effectively by preparing technical reports, documenting work, and by making individual and group presentations.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
CETMMT.02.0

**Effective Start Date**
Aug 1, 2022

**Outcome Statement**
Analyze and record results for standard tests and measurements.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
CETMMT.01.0

**Effective Start Date**
Aug 1, 2022

**Outcome Statement**
Analyze and implement electrical, electronic, and mechanical systems including both hardware and software.

Through ECPI University's year-round schedule, students can earn a Certificate in Manufacturing Maintenance Technician in one year.

# Requirements

## Simple Requirements

**Program Requirements**

To receive the Certificate in Manufacturing Maintenance, students must earn 40 semester credits. The program requires a minimum of 4 semesters, which is equivalent to 12 months or 50 weeks of instruction. The program requirements include:

- Self-Integration and Foundational Courses - **Minimum 6 credits up to a maximum of 16 credits**
- Selective Tracks - **Minimum 24 credits up to a maximum of 34 credits**

*Students must meet all prerequisite requirements for chosen courses.*

The courses for selection are as follows:

**Self-Integration and Foundational Courses**

**Type**
Completion Requirement

Required Courses

**Minimum 6 Credits up to Max of 16 Credits**

**Complete ANY of the following Courses:**

- FOR110 - Essentials for Success
- MTH131 - College Algebra
- PHY120 - Physics
- PHY120L - Physics Lab
- MTH200 - Pre-calculus
- MTH220 - Applied Calculus I

**Selective Tracks**

**Type**
Completion Requirement

Track Options

**Minimum 24 credits up to a maximum of 34 credits**

**Fulfill ANY of the following requirements:**

ELECTRICITY

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**

- EET110 - Electric Circuits I
- ESET111 - Electric Circuits II
- ESET111L - Electric Circuits II Lab

**OR**

**Complete ALL of the following Courses:**

- EET113 - DC and AC Circuits

**OR**

ANALOG ELECTRONICS

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**

- EET120 - Semiconductor Devices
- EET121 - Electronic Systems Applications
- EET220 - Industrial Applications
- EET221L - Instrumentation and Measurement Lab

**OR**

**Complete ALL of the following Courses:**

- EET223 - Electronic Devices and Operational Amplifiers
- EET220 - Industrial Applications
- EET221L - Instrumentation and Measurement Lab

*Students must meet all prerequisite requirements for chosen courses.*

DIGITAL ELECTONICS

**Complete ALL of the following Courses:**

- EET130 - Digital Systems I
- EET230 - Digital Systems II
- EET230L - Digital Systems Lab

ROBOTICS

**Complete ALL of the following Courses:**

- EET233 - Robotics and Smart Manufacturing (SM)
- EET233L - Robotics and Smart Manufacturing (SM) Lab

CONTROL SYSTEMS

**Complete ALL of the following Courses:**

- EET231 - Introduction to Programmable Logic Controllers
- EET231L - Introduction to Programmable Logic Controllers Lab
- EET331 - Programmable Controllers and Robotics
- EET331L - Programmable Controllers and Robotics Lab

DRIVE SYSTEMS

**Complete ALL of the following Courses:**

- EET390 - Motor Drives
- EET390L - Motor Drives Lab

ENGINEERING MECHANICS

**Complete ALL of the following Courses:**

- MET211 - Statics
- MET311 - Mechanisms

MATERIALS

**Complete ALL of the following Courses:**

- MET191 - Materials Science

FLUID SCIENCE

**Complete ALL of the following Courses:**

- MET230 - Hydraulics and Pneumatics Systems
- MET230L - Hydraulics and Pneumatics Systems Lab

MANUFACTURING

**Complete ALL of the following Courses:**

- MET221 - Manufacturing Processes
- MET222 - Mechanical Drives and Power Transmission
- MET224 - CNC Machines Operation
- MET232 - Pumps

DRAFTING AND MODELING

**Complete ALL of the following Courses:**

- MET114 - Introduction to Geometric Dimensioning and Tolerancing (GD and T)
- MET192 - Graphics Communication
- MET192L - Introduction to 3-D Modeling LAB
- MET213 - Advanced 3D Modeling

COMPUTER SYSTEMS AND PROGRAMMING

**Complete ALL of the following Courses:**

- CST120 - Computer Configuration I
- ET102 - Engineering Math and Software Applications
- SDC100 - Introduction to Programming
- EET207 - Applied Engineering Programming

CAPSTONE PROJECT

**Complete ALL of the following Courses:**

- ET210 - Capstone Project

**Additional Comments:**

*Students must meet all prerequisite requirements for chosen courses.*

The Certificate in Manufacturing Maintenance Technician has the following program requirements:

## Locations

Charleston, SC, Virginia Beach, VA (Main)

# Engineering Technology (Certificate) | Pre-Engineering Math and Software Applications

## Overview

### College
College of Technology

### Program CIP Code
15.0000

ECPI University offers Certificate programs (also referred to as Micro-credentials) that focus on specific skill sets. These programs are shorter than traditional degree programs and are designed to meet the needs of working professionals so that they can stay competitive in their field. Certificate programs may be offered in a variety of ways to suit the learning style and schedules of individuals. They may include remote learning, instructor led in-seat learning, hybrid courses, and online courses.

See also the following additional program information:

- **Admissions Requirements** > Engineering Technology Certificate
- **Academic Policy** > **Satisfactory Academic Progress** > SAP - Engineering Technology Certificate

## About Pre-Engineering Math and Software Applications

The certificate program covers aspects of a preparation for students interested in joining an engineering discipline. Students will acquire basic math skills needed for engineering majors. Engineering problem solving techniques and tools are introduced. Using relevant engineering software, students will be able to analyze, model, and present engineering solutions to real-life applications.

## Outcomes

Upon completion of the Certificate in Pre-Engineering Math and Software Applications, graduates will be able to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
CETPE.01.0

### Effective Start Date
Jan 1, 2021

### Outcome Statement
Apply knowledge, techniques, skills, and modern tools of mathematics, science, engineering, and technology to solve broadly-defined engineering problems appropriate to the discipline.

## Requirements

## Simple Requirements

**Program Requirements**

To receive the Certificate, students in the Pre-Engineering Math and Software Applications program must earn 13 semester credit hours. The program requires a minimum of 1 semester, which is equivalent of 3 months or 15 weeks of instruction. The program requirements are as follows:

**Pre-Engineering Math and Software Applications Certificate Requirements**

### Type
Completion Requirement

Certificate Courses

13 semester credit hours

**Complete ALL of the following Courses:**

- ET102 - Engineering Math and Software Applications
- MTH131 - College Algebra

- MTH200 - Pre-calculus
- PHY120 - Physics
- PHY120L - Physics Lab

The certificate in Pre-Engineering Math and Software Applications has the following program requirements.

## Locations

Virginia Beach, VA (Main), Newport News, VA, Online

# Baking & Pastry Arts (Diploma)

## Overview

### College
College of Culinary Arts

### Program CIP Code
12.0501

Baking and pastry skills are considered an area of specialty within the field of culinary arts. A variety of food service employers, including bakeshops, grocery stores, restaurants, hotels/resorts, and contract dining facilities, employ individuals with the sole purpose of preparing baked goods on-site. Additionally, baking positions are available in manufacturing facilities which produce breads and pastries in large quantities for distribution. The graduate of the program may work in a variety of positions from entry level to lead baker or pastry chef. The industry grants exceptional opportunities for advancement with favor given to those individuals with exemplary work ethic and experience. At present, there is an industry need for skilled and work-place ready bakers.  Students in the Associate of Applied Science in Baking and Pastry Arts program will be taught skills in:

- Foundational methods and techniques used throughout the baking and pastry industry
- Ensuring a safe and sanitary bake shop
- Baking and pastry recipe development and execution for various production levels
- Alternative baking techniques to accommodate specialty diets and allergies

## About Baking and Pastry Arts

A career in the Baking and Pastry Arts allows you to use your creative, intellectual, and leadership skills in creating, preparing, and serving food that your customers will enjoy. Demand is high for qualified baking personnel and can be global- there are no geographic boundaries. In addition to designing and preparing fine baked goods, bakers may be responsible for managing staff, budgeting, setting menu prices, forecasting production quantities, ordering product, and maintaining a safe, clean kitchen area. Depending on the student's work ethic, experience, and dependability, the graduate may work as an entry level or lead baker or pastry chef with exceptional opportunity for advancement.

Working in a baking position is physically very demanding. Long periods of standing, lifting heavy objects and long periods between breaks are not uncommon in the industry. Hepatitis A vaccination may be required.

Background checks, drug screening and/or security clearances may be requirements for employment depending on the food service outlet.

## Recommended Certifications

Students may obtain the National Restaurant Association Educational Foundation (NRAEF) ServSafe Food Protection Manager and ServSafe Alcohol certifications as a result of their studies.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Diploma in Baking and Pastry Arts, students must earn 38 semester credit hours. The program requires a minimum of 3 semesters, which is equivalent to 10 months or 40 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

35 semester credit hours

**Complete ALL of the following Courses:**

- BPA110 - Principles of Baking and Pastry Arts
- BPA120 - Basic Cakes and Tarts
- BPA130 - Artisan Breads and Viennoiserie
- BPA228 - Retail Baking
- BPA235 - Advanced Pastry Design
- BPA245 - Alternative Baking
- BPA265 - Petit Fours

- BPA275 - Baking and Pastry Capstone
- CAA115 - Kitchen Essentials
- CAA201 - Banquet and Buffet Service
- CAA255 - Procurement and Food Service Cost Control
- CAA260 - Culinary Nutrition
- CAA270 - Supervision for Food Service
- CAA280 - Externship-CUL I-a

**Self-Integration Requirements**

**Type**
Completion Requirement

Self-Integration Courses

3 semester credit hours

**Complete ALL of the following Courses:**

- CAA100 - Essentials for Success

The Baking and Pastry Arts Diploma program has the following program requirements.

## Locations

Norfolk, VA (Culinary Institute of Virginia), Richmond, VA (Glen Allen)

# Culinary Arts (Diploma)

## Overview

### College
College of Culinary Arts

### Program CIP Code
12.0505

The School of Culinary Arts, Culinary Institute of Virginia, educational program prepares students for success in the competitive field of food service. The program prepares students for entry level positions in the food service industry. Emphasis is placed on the development of professional culinary skills, through standards-based, hands-on training.

## About Culinary Arts

A career in the Culinary Arts allows you to use your creative skills in creating, preparing, and serving food that your customers will enjoy. Demand for qualified foodservice personnel can be global, there are no geographic boundaries.  Culinarians plan and cook menus combining flavor profiles in ways that make memorable meals while maintaining a safe, clean kitchen area. Depending on the student's work ethic, experience, and dependability, the graduate may work as a cook, pantry cook, banquet cook, line cook, or sous chef, with exceptional opportunity for advancement.

Working in a food service position is physically very demanding. Long periods of standing, lifting heavy objects and long periods between breaks are not uncommon in the industry.  Hepatitis A vaccination may be required.

Background checks, drug screening and/or security clearances may be requirements for employment depending on the food service outlet.

## Recommended Certifications

Students may obtain the National Restaurant Association Educational Foundation (NRAEF) ServSafe Food Protection Manager and ServeSafe Alcohol certifications as a result of their studies. The Culinary Institute of Virginia is accredited by the American Culinary Federation. Upon successful completion of the program, students are eligible to apply for initial certification of Certified Culinarian.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Diploma in Culinary Arts, students must earn 30 semester credit hours. The program requires a minimum of 2 semesters, which is equivalent to 8 months or 30 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Curriculum Courses

27 semester credit hours

**Fulfill ALL of the following requirements:**

**Complete ALL of the following Courses:**

- CAA101 - Culinary Skills
- CAA111 - Culinary Techniques
- CAA115 - Kitchen Essentials
- CAA117 - Basics of Dining Service
- CAA121 - Culinary Fundamentals
- CAA140 - Introduction to a La Carte
- CAA150 - Baking and Pastry Fundamentals
- CAA260 - Culinary Nutrition
- ENG110 - College Composition
- MTH120 - College Mathematics

**AND**

**Complete ANY of the following Courses:**

- CAA130 - Pantry Kitchen
- CAA145 - Retail Production

**AND**

**Complete ANY of the following Courses:**

- CAA190 - Commissary Practicum
- CAA280 - Externship-CUL I-a

**Self-Integration Requirements**

### Type

Completion Requirement

Self-Integration Courses

3 semester credit hours

**Complete ALL of the following Courses:**

- CAA100 - Essentials for Success

The Diploma in Culinary Arts has the following program requirements:

## Locations

Norfolk, VA (Culinary Institute of Virginia), Richmond, VA (Glen Allen)

# Nursing (Practical-Diploma)

## Overview

### College
College of Nursing

### Program CIP Code
51.3901

The Diploma in Practical Nursing program is designed to provide with the opportunity to acquire the knowledge, skills, and attitudes necessary for developing effective communication, critical thinking, clinical reasoning and teamwork/collaboration skills which will prepare the graduate to care for individuals, families and communities as an entry level practical nurse in a variety of healthcare settings.

The Diploma in Practical Nursing program prepares the student to become a valuable member of a healthcare team, working under the supervision of an advanced practice registered nurse, registered nurse, licensed physician, licensed dentist, or other practitioner.

See also the following additional program information:

- **Admissions Requirements** > Nursing | PN
- **Attendance Policy** > Nursing | PN Diploma *(includes information on Clinical Phase Absenteeism and Tardiness)*
- Clinical Protocol > Nursing | All Programs
- Transferability of Credit > Nursing | PN Diploma section

## About Practical Nursing

Licensed Practical Nurses typically provide nursing care under the direction of a more senior healthcare practitioner, including registered nurses. They understand nursing fundamentals and assist with delivering care to patients and their families. They are prepared to continue their formal education and prepare for more advanced nursing degrees and certifications, including Registered Nursing.

Criminal background checks, drug screening, dosage calculation competency exams, nursing skills competency exams, and security clearances may be required, depending on the facility.

Practical Nurses must physically be able to change position frequently, stand and sit for prolonged time periods, lift 50 pounds or more with or without assistance or assistive devices, bend, and twist. They must have adequate vision and hearing, and they must be able to use computers.

A graduate from the Practical Nursing program will work as a Licensed Practical Nurse (LPN) in a healthcare setting such as a long-term care facility, skilled nursing facility, assisted living facility, or correctional facility infirmary. Licensed Practical Nurses may also work in home health care settings, physicians' offices, clinics, urgent care centers, or acute care facilities.

## Vision

The Practical Nursing program at ECPI University (hereafter will be referred to as "ECPI") is a leading provider of practical nurse education. ECPI creates an environment that promotes effective teaching and successful learning.

## Recommended Licensure

The Diploma in Practical Nursing program is approved by the State Board of Nursing for the state in which the ECPI University campus which the student attends is located. ECPI University provides vouchers allowing students to take licensure exams administered by the student's state's Board of Nursing at a greatly reduced cost. All Practical Nursing graduates must successfully pass the National Council Licensing Exam for Practical Nursing (NCLEX-PN) before being able to practice as a Licensed Practical Nurse (LPN).

While ECPI University's Diploma in Practical Nursing program does not have its own distinct accreditation by a national nursing education body, it is not required for licensure. ECPI University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the associate, baccalaureate, and master's degrees and diplomas. Accreditation, state licensure, and Board of Nursing approval information can be found in this catalog under Accreditation and Approvals.

## NCLEX Preparation and Total Testing

Total testing nursing education products are assessment tools and resources to promote mastery of core nursing concepts and to prepare students for the NCLEX exam. Assessment tools used in the nursing program are practice quizzes, practice assessments and proctored assessments. The total testing education products also assist the nursing program in the assessment of course and program competencies. All students are required to complete the secured standardized assessment tests in several content areas.

Readiness to sit for the NCLEX exam will be assessed in the final nursing course using a Comprehensive Predictor Test.

## Student Evaluation

The faculty use the objectives of the Program of Nursing as criteria for student evaluation. The student's grades are determined by a combination of written examinations, laboratory/simulation competence, and clinical performance.

Nursing ability, attitude, and relationship with others are areas of clinical and laboratory/simulation evaluation. The achievement of the student in both theory and clinical performance is evaluated by the faculty at regular intervals and shared with the student.

The student progresses to the next term when all prerequisite courses have been satisfactorily completed. Students enrolling in the Practical Nursing program at any of the Virginia campuses must achieve an 80 percent average in all nursing and science courses including courses with the prefix COR, BIO, or NUR. Students enrolling in the program at any of the North Carolina and South Carolina campuses as well as those students enrolled in the Virginia campuses prior to January 2018 must achieve an 80 percent average in all courses and satisfactorily meet all clinical objectives. A final course grade of less than 80 percent or failure to meet laboratory/simulation competence and clinical objectives will result in failure of a course.

## Outcomes

The Diploma in Practical Nursing program prepares the student for a foundation of life-long personal and professional learning built upon liberal arts, science and nursing theory courses. The program includes classroom, laboratory/simulation, and evidence based client-centered care learning experiences across the lifespan in a variety of healthcare settings. All practical nurse graduates must successfully pass the National Council Licensing Exam for Practical Nurses (NCLEX-PN) before being able to practice as a LPN.

Upon successful completion of the program, the student will:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
DPN.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Use critical thinking to safely perform requisite cognitive, psychomotor and affective nursing skills.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
DPN.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Integrate ethical, professional, legal responsibility and accountability into actions and decisions.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
DPN.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Function within the role of the practical nurse in the delivery of care to clients and families.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
DPN.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Communicate with clients, families, and members of the health care team.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
DPN.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Assume responsibility for personal and professional growth.

For additional information about the program link to: http://www.ecpi.edu/medical/program/practical-nursing-diploma/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see Information About the University on the ECPI website (link to: http://www.ecpi.edu/services/about-ecpi-university/).

# Requirements

## Simple Requirements

**Program Requirements**

Program requirements vary in accordance with State Boards of Nursing. The program requirements are as follows:

**Virginia and South Carolina**

**Type**
Completion Requirement

Core Curriculum Requirements

To receive the Diploma in Practical Nursing, students must earn 48.5 semester credit hours. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction.

The program requirements are as follows:

**Complete ALL of the following Courses:**

- BIO112 - Anatomy and Physiology with Terminology I

- BIO112L - Anatomy and Physiology with Terminology I Lab
- BIO117 - Anatomy and Physiology with Terminology II
- BIO117L - Anatomy and Physiology with Terminology II Lab
- COR102 - Freshman Orientation
- COR105 - Study Skills
- ENG109 - College Composition
- NUR100 - Dosage Calculations
- NUR139 - Pharmacology
- NUR165 - Concepts of Nursing I
- NUR167 - Concepts of Nursing II
- NUR169 - Concepts of Nursing III
- NUR190 - Medical Surgical Nursing I
- NUR203 - Medical Surgical Nursing II
- NUR204 - Acute Care Nursing I
- NUR208 - Medical Surgical Nursing III
- NUR209 - Acute Care Nursing II
- NUR213 - Acute Care Nursing III
- NUR233 - Role Transition
- PSY108 - Normal Life Span
- PSY109 - Introduction to Psychology

***Contact Hours**: 1,696*

***Diploma Program Length**: Minimum weeks of instruction: 60 weeks*

***Maximum Satisfactory Time Frame Completion**: 90 weeks*

**North Carolina**

### Type
Completion Requirement

Core Curriculum Requirements

To receive the Diploma in Practical Nursing, students must earn 48.5 semester credit hours. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction.

The program requirements are as follows:

**Complete ALL of the following Courses:**

- BIO114 - Anatomy and Physiology with Terminology I
- BIO114L - Anatomy and Physiology with Terminology I Lab
- BIO118 - Anatomy and Physiology with Terminology II
- BIO118L - Anatomy and Physiology with Terminology II Lab
- COR104 - Freshman Orientation
- COR107 - Study Skills
- ENG114 - College Composition
- NUR111 - Dosage Calculations
- NUR134 - Pharmacology
- NUR174 - Concepts of Nursing I
- NUR177 - Concepts of Nursing II
- NUR179 - Concepts of Nursing III
- NUR205 - Medical Surgical Nursing I
- NUR206 - Medical Surgical Nursing II
- NUR207 - Medical Surgical Nursing III
- NUR235 - Acute Care Nursing I
- NUR236 - Acute Care Nursing II
- NUR237 - Acute Care Nursing III
- NUR238 - Role Transition
- PSY106 - Normal Life Span
- PSY111 - Introduction to Psychology

***Contact Hours**: 1,736*

***Diploma Program Length**: Minimum weeks of instruction: 60 weeks*

***Maximum Satisfactory Time Frame Completion**: 90 weeks*

The Diploma in Practical Nursing has the following program requirements.

## Program Philosophy

The following belief of ECPI's faculty provides a foundation that guides the program of learning:

- The individual is a unique being. Nursing focuses on the bio-psychosocial-cultural aspects of an individual or family regardless of age, race, color, creed, or sexual orientation.
- Individuals, families, and communities form a society for the purpose of monitoring human needs. Individuals interact within larger interdependent systems of the family, community, and society.
- Practical nursing as a discipline assists clients/families in the achievement of optimal function. Practical nursing is conceptualized as a dynamic health care service that blends science and the humanities with a caring response.
- Practical nursing education utilizes instruction in the basic sciences, communication skills, care-giving activities, critical thinking, concepts of the nursing process and collaboration, and prepares graduates who can focus on safe, client-centered care using evidence-based practice.
- Following licensure, the LPN functions as a member of the health care team performing dependent practical nursing actions, commensurate with his/her education and demonstrated competencies within the statute defined scope. They provide care to clients in a variety of settings.
- Learning is a self-directed, life-long, personal process resulting in a change in affective, cognitive, and psycho-social behavior. A collaborative practice environment in which the teacher and student share responsibility for the educational process enhances learning. The faculty plans, implements, and evaluates the curriculum in cooperation with the student. The curriculum model, which utilizes information to emphasize and value individuality, respects and responds to individual and professional needs.
- Practical nursing education is the integration of planned theory, critical thinking, and evidence-based clinical experience through which the student progresses within the practical nursing practice.

## Conceptual Framework




## Program Purpose

The practical nursing program will:

- Prepare a competent, beginning practitioner of practical nursing to function effectively in a variety of healthcare settings.
- Provide a collaborative learning environment in which the students will demonstrate the ability to apply concepts of systematic reasoning through critical thinking and clinical judgment.
- Guide the student in the continuing process of personal and professional growth.
- Continue to achieve its purpose through systematic planning and evaluation by fostering mutually beneficial relationships within the community.
- Prepare students, through didactic and clinical experiences, to be eligible to take the NCLEX-PN exam.

## Program Hours

| | |
|---|---|
| **Day** | Class hours may vary from 4 – 5 days per week from 8:00 AM to 5:00 PM depending on course requirements. Clinical hours may include day, evening or weekend hours depending on the clinical site and course requirements. |
| **Evenings** | Class hours may vary from 4 – 5 evenings per week from 5:30 PM to 10:30 PM and 8:00 AM to 4:30 PM on weekends. Clinical hours may include evening or weekend hours depending on the clinical site and course requirements. Occasional day clinical rotations may be required. |
| **Preceptorship Hours** | Clinical hours are scheduled to meet the staffing schedule of the Professional Nurse assigned and may include day, night or weekend hours. |

## Locations

Virginia Beach, VA (Health Science), Charleston, SC, Charlotte, NC, Columbia, SC, Greensboro, NC, Greenville, SC, Manassas, VA (Northern Virginia), Newport News, VA (Health Science), Raleigh, NC, Richmond, VA (Emerywood), Roanoke, VA

# Business Administration (MBA) | Business Management Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0201

ECPI University's Master of Business Administration (MBA) program provides a comprehensive training experience in business for students pursuing careers in business and management.

The courses in the Master of Business Administration program integrate theories, knowledge and skills from multiple disciplines including: accounting, economics, marketing, finance, production operations, strategic management, and decision analysis, culminating in a business capstone course. The program objective is to develop students into business managers and leaders with a broad and holistic understanding of business operations with the tools and processes to be successful in any business or industry.

The business management concentration allows students to advance their management skills across a variety of career fields.

### About the Masters of Business Administration

Graduates will be expected to have excellent communication, problem-solving and decision-making skills, and an ability to lead a team in a variety of environments.

Possible job titles for a Master of Business Administration graduate include Sales Director, Customer Care Manager, Production Manager, Financial Services Director, Project Manager, Operations and Logistics Manager, Healthcare Services Manager, Information Technology Manager. With proven successful work experience in the field, senior level management opportunities could be available to the graduate. The Master of Business Administration program also helps to develop an entrepreneurial spirit for those who wish to open their own businesses.

Graduates of the Master of Business Administration program have many career options, as noted above. They often have career paths that eventually lead them into senior level management. They may manage complex projects, develop strategic policy, drive competitive advantage and market share, and manage a multicultural workforce in a global network. Graduates will be able to work in a wide variety of positions in the public and private sectors, in business, industry, and government venues.

### Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities.

## Outcomes

Upon successful completion of this program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
MBA-MGT.01.2

**Effective Start Date**
Aug 1, 2016

**Outcome Statement**
Assess strategic and organizational change across a spectrum of managerial contexts.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MBA.02.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Employ research methods to make viable business decisions that expand competitive advantage.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MBA.03.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Design an efficient, integrated organizational structure that uses technology and innovative tools.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MBA.05.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate ethical responsibility.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MBA.04.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate culturally conscious leadership.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MBA.01.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply strategic knowledge to key business functions in support of organizational mission.

For additional information about the program link to: https://www.ecpi.edu/programs/business-administration-master-degree. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Master of Business Administration (MBA) degree, students must earn 36 semester credit hours. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

27 semester credit hours

**Complete ALL of the following Courses:**

- ACC550 - Accounting for Managers
- BUS620 - Marketing and Analytics
- BUS622 - Managerial Economics
- BUS624 - Managerial Finance
- BUS626 - Operations and Supply Chain Management
- BUS628 - Business Capstone
- MGT520 - Organizational Behavior and Leadership
- MGT524 - Ethics and Corporate Responsibility
- MGT528 - Business Research and Analysis

**Business Management Concentration Requirements**

**Type**
Completion Requirement

Concentration Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- MGT532 - Organizational Change and Development
- MGT604 - Management and Strategy
- MGT608 - Global Management Processes

The Master of Business Administration Business Management concentration has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Manassas, VA (Northern Virginia), Newport News, VA

# Business Administration (MBA) | Operations and Supply Chain Management Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0205

ECPI University's Master of Business Administration (MBA) program provides a comprehensive training experience in business for students pursuing careers in business and management.

The courses in the Master of Business Administration program integrate theories, knowledge and skills from multiple disciplines including: accounting, economics, marketing, finance, production operations, strategic management, and decision analysis, culminating in a business capstone course. The program objective is to develop students into business managers and leaders with a broad and holistic understanding of business operations with the tools and processes to be successful in any business or industry.

The Operations Management concentration focuses on optimizing the systems and processes that drive organizational efficiency and performance. This concentration emphasizes data-driven decision-making, supply chain coordination, and quality control, while also exploring how to leverage emerging technologies to streamline operations. Students will examine strategic approaches to production, logistics, and service delivery in both global and domestic markets.

## About the Masters of Business Administration

Graduates will be expected to have excellent communication, problem-solving and decision-making skills, and an ability to lead a team in a variety of environments.

Possible job titles for a Master of Business Administration graduate include Sales Director, Customer Care Manager, Production Manager, Financial Services Director, Project Manager, Operations and Logistics Manager, Healthcare Services Manager, Information Technology Manager.  With proven successful work experience in the field, senior level management opportunities could be available to the graduate. The Master of Business Administration program also helps to develop an entrepreneurial spirit for those who wish to open their own businesses.

Graduates of the Master of Business Administration program have many career options, as noted above.  They often have career paths that eventually lead them into senior level management. They may manage complex projects, develop strategic policy, drive competitive advantage and market share, and manage a multicultural workforce in a global network. Graduates will be able to work in a wide variety of positions in the public and private sectors, in business, industry, and government venues.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities.

## Outcomes

Upon successful completion of this program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
MBA-OSCM.01.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Leverage AI-driven tools and operational strategies to optimize business processes, inform strategic decisions, and lead performance improvements across dynamic supply chain environments.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MBA.02.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Employ research methods to make viable business decisions that expand competitive advantage.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MBA.03.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Design an efficient, integrated organizational structure that uses technology and innovative tools.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MBA.05.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate ethical responsibility.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MBA.04.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate culturally conscious leadership.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MBA.01.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply strategic knowledge to key business functions in support of organizational mission.

For additional information about the program link to: https://www.ecpi.edu/programs/business-administration-master-degree. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Master of Business Administration (MBA) degree, students must earn 36 semester credit hours. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

27 semester credit hours

**Complete ALL of the following Courses:**

- ACC550 - Accounting for Managers
- BUS620 - Marketing and Analytics
- BUS622 - Managerial Economics
- BUS624 - Managerial Finance
- BUS626 - Operations and Supply Chain Management
- BUS628 - Business Capstone
- MGT520 - Organizational Behavior and Leadership
- MGT524 - Ethics and Corporate Responsibility
- MGT528 - Business Research and Analysis

**Operations and Supply Chain Management Concentration Requirements**

**Type**
Completion Requirement

Concentration Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- OPM501 - Logistics Management
- OPM603 - Quality Systems, Lean Management, and AI
- OPM605 - Operations and Supply Chain Management Capstone: Simulation and AI

The Master of Business Administration Business Management concentration has the following program requirements.

## Locations

Online

# Cybersecurity (MS) | Cyber Operations Specialization

## Overview

### College
College of Technology

### Program CIP Code
11.1003

The Master of Science in Cybersecurity program is designed to prepare students for leadership in information technology security. The program is focused on providing knowledge and skills to apply the principles and concepts related to the development and management of secure information systems and technology at the enterprise and individual levels, locally and globally.

The program is designed for IT professionals, executives, and baccalaureate degree graduates who realize the necessity of delivering value to customers through secure information technology systems. The degree provides students with theoretical, practical, and applied skills in computer-based information systems and the technologies that support them, as well as a broad perspective of the business and management environments in which information system technologies play a strategic role.

The Cyber Operations concentration focuses on the analysis, design, deployment, and monitoring of cyber technologies and techniques necessary to maintain the security posture of an organization. Graduates will have the skills to ensure operational continuity of large-scale organizations.

## About Cybersecurity

Graduates of the Master of Science in Cybersecurity program will be hired by three distinct groups: 1) Private industry firms to assume a technical/administrative leadership role related to cybersecurity; 2) State and local government agencies to assume a technical/administrative leadership role in cybersecurity; 3) Institutions of higher education that need competent faculty members in cybersecurity, and other related knowledge areas.

Possible job titles for a Master of Science in Cybersecurity graduate include Cybersecurity Analyst, Penetration Tester, Data Center or Network Security Administrator, Information Systems Security Engineer, Risk Assessment and Vulnerability Analysis Manager. With significant, successful work experience in the field, management opportunities could be available to the graduate.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. Recommended certifications are the Certified Information Systems Security Professional (CISSP) and Cisco Certified Network Associate (CCNA).

## Outcomes

This degree program is based on the National Security Agency and the Department of Homeland Security program requirements for designation as a Center of Academic Excellence in Information Assurance/Cyber Defense. The curriculum builds on a foundation of communication and problem solving, theoretical and applied understanding of basic technical concepts, protocols, and software/hardware components of information systems technologies. Students enhance their understanding and practical knowledge of network security and research providing a particular emphasis on technologies and techniques related to specialized Cybersecurity (e.g., collection, exploitation, and response). These technologies and techniques are critical to intelligence, military and law enforcement organizations authorized to perform these specialized operations. A capstone project is required.

Upon successful completion of this degree program, the graduate should be able to:

## Outcome Details

### Choose Outcome Type
Program Outcome

### Outcome Code
MSCS.06.1

### Active?
Yes

### Effective Start Term
-

### Effective Start Date
Nov 6, 2023

### Outcome Statement
Evaluate secure software coding techniques to secure applications from threats.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
MSCS-CO.01.0

**Active?**
Yes

**Effective Start Term**
-

**Effective Start Date**
Nov 6, 2023

**Outcome Statement**
Apply advanced knowledge of cyber operations to manage information assurance and threat mitigation at the enterprise level.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Summarize cybersecurity fundamentals and how they are interrelated and employed to achieve desired solutions and effective mitigation strategies.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Select and securely implement large-scale distributed cloud systems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Relate the legal issues governing cyber operations and the use of related tools, techniques, technology and data.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.09.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate various applied cryptography solutions and key management systems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate classes of possible threats, consequences associated with each threat, and determine what actions can be taken to mitigate the threat.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.07.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Devise a defensive network architecture employing multiple layers of protection using technology appropriate for secure network.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Analyze security and operational effects on structured network communications in wired and wireless environments.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.08.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Analyze access management mechanisms to maintain organizational security.

For additional information about the program link to: http://www.ecpi.edu/master-degrees. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for master's programs. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Master of Science in Cybersecurity, students must earn 36 semester credit hours. Required courses to be taken by everyone admitted to the program include eight core courses (24 credit hours). Core courses build upon the knowledge support courses or appropriate experience. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

24 semester credit hours

**Complete ALL of the following Courses:**

- MSCS501 - Cybersecurity with AI Synopsis
- MSCS521 - Security Architecture and Design
- MSCS525 - AI-Augmented Cybersecurity with Python
- MSCS615 - Cloud Security
- MSCS626 - Network Security and Next-Gen Firewalls with AI
- MSCS656 - Wireless, Mobile, and IoT Security
- MSCS675 - AI/Machine Learning and Cybersecurity
- MSCS695 - AI Enhanced Cyber Defense Capstone

**Cyber Operations Specialization Requirements**

**Type**
Completion Requirement

Cyber Operations Courses

12 semester credit hours

**Complete ALL of the following Courses:**

- MSCS633 - Applied Cryptography and Data Protection with AI
- MSCS635 - Advanced Networking
- MSCS637 - Hardening Enterprise Security Architecture with AI
- MSCS639 - Cyber Forensics

**Additional Comments:**
The specialization courses build upon the core courses and should be taken after the majority of core courses have been completed.

The Master of Science in Cybersecurity, Cyber Operations Specialization has the following program requirements:

## Locations

Virginia Beach, VA (Main), Online, Manassas, VA (Northern Virginia), Newport News, VA, Richmond, VA (Glen Allen)

# Cybersecurity (MS) | Cybersecurity Policy Specialization

## Overview

### College
College of Technology

### Program CIP Code
11.1003

The Master of Science in Cybersecurity program is designed to prepare students for leadership in information technology security. The program is focused on providing knowledge and skills to apply the principles and concepts related to the development and management of secure information systems and technology at the enterprise and individual levels, locally and globally.

The program is designed for IT professionals, executives, and baccalaureate degree graduates who realize the necessity of delivering value to customers through secure information technology systems. The degree provides students with theoretical, practical, and applied skills in computer-based information systems and the technologies that support them, as well as a broad perspective of the business and management environments in which information system technologies play a strategic role.

The Cybersecurity Policy concentration prepares graduates for the analysis, development, and enforcement of policies and procedures that contribute to the security of an organization's system with the focus on people, processes, and technology. The course work focuses on the legal and regulatory factors that must be considered in administering cybersecurity policy.

## About Cybersecurity

Graduates of the Master of Science in Cybersecurity program will be hired by three distinct groups: 1) Private industry firms to assume a technical/administrative leadership role related to cybersecurity; 2) State and local government agencies to assume a technical/administrative leadership role in cybersecurity; 3) Institutions of higher education that need competent faculty members in cybersecurity, and other related knowledge areas.

Possible job titles for a Master of Science in Cybersecurity graduate include Cybersecurity Analyst, Penetration Tester, Data Center or Network Security Administrator, Information Systems Security Engineer, Risk Assessment and Vulnerability Analysis Manager. With significant, successful work experience in the field, management opportunities could be available to the graduate.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. Recommended certifications are the Certified Information Systems Security Professional (CISSP) and Cisco Certified Network Associate (CCNA).

## Outcomes

This degree program is based on the National Security Agency and the Department of Homeland Security program requirements for designation as a Center of Academic Excellence in Information Assurance/Cyber Defense. The curriculum builds on a foundation of communication and problem solving, theoretical and applied understanding of basic technical concepts, protocols, and software/hardware components of information systems technologies. Students enhance their understanding and practical knowledge of network security and research providing a particular emphasis on technologies and techniques related to specialized Cybersecurity (e.g., collection, exploitation, and response). These technologies and techniques are critical to intelligence, military and law enforcement organizations authorized to perform these specialized operations. A capstone project is required.

Upon successful completion of this degree program, graduates are able to:

## Outcome Details

### Choose Outcome Type
Concentration Outcome

### Outcome Code
MSCS-CP.01.0

### Active?
Yes

### Effective Start Term
-

### Effective Start Date
Nov 6, 2023

### Outcome Statement
Develop security policies to ensure compliance and manage risk in information security across a wide range of domains.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.06.1

**Active?**
Yes

**Effective Start Term**
-

**Effective Start Date**
Nov 6, 2023

**Outcome Statement**
Evaluate secure software coding techniques to secure applications from threats.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Summarize cybersecurity fundamentals and how they are interrelated and employed to achieve desired solutions and effective mitigation strategies.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Select and securely implement large-scale distributed cloud systems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Relate the legal issues governing cyber operations and the use of related tools, techniques, technology and data.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.09.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate various applied cryptography solutions and key management systems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate classes of possible threats, consequences associated with each threat, and determine what actions can be taken to mitigate the threat.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.07.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Devise a defensive network architecture employing multiple layers of protection using technology appropriate for secure network.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Analyze security and operational effects on structured network communications in wired and wireless environments.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSCS.08.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Analyze access management mechanisms to maintain organizational security.

For additional information about the program link to: http://www.ecpi.edu/master-degrees. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for master's programs. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Master of Science in Cybersecurity, students must earn 36 semester credit hours. Required courses to be taken by everyone admitted to the program include eight core courses (24 credit hours). Core courses build upon the knowledge support courses or appropriate experience. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

24 semester credit hours

**Complete ALL of the following Courses:**

- MSCS501 - Cybersecurity with AI Synopsis
- MSCS521 - Security Architecture and Design
- MSCS525 - AI-Augmented Cybersecurity with Python
- MSCS615 - Cloud Security
- MSCS626 - Network Security and Next-Gen Firewalls with AI
- MSCS656 - Wireless, Mobile, and IoT Security
- MSCS675 - AI/Machine Learning and Cybersecurity
- MSCS695 - AI Enhanced Cyber Defense Capstone

**Cybersecurity Policy Specialization Requirements**

**Type**
Completion Requirement

Cybersecurity Policy Courses

12 semester credit hours

**Complete ALL of the following Courses:**

- MSCS641 - Information Risk Management
- MSCS643 - Cybersecurity Governance and Compliance using AI Gap Detection
- MSCS645 - Cybersecurity Strategies (Prevention and Protection)
- MSCS647 - Compliance and Audit

**Additional Comments:**
The specialization courses build upon the core courses and should be taken after the majority of core courses have been completed.

The Master Degree in Cybersecurity | Cybersecurity Policy Specialization has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online, Manassas, VA (Northern Virginia), Newport News, VA, Richmond, VA (Glen Allen)

# Engineering Technology (MS) | Mechanical Engineering Concentration

## Overview

### College
College of Technology

### Program CIP Code
15.0805

The Master of Science in Engineering Technology program is designed to equip students with advanced knowledge and practical skills in various areas of engineering technology, preparing them for dynamic careers in industry, research, and academia. Through a combination of rigorous coursework and practical experiences, students will study topics essential for addressing contemporary challenges and driving innovation in the field.

Admissions Requirements > Admissions Requirements - Graduate Programs

### About the Master of Science in Engineering Technology

The curriculum offers graduates a transformative educational experience, equipping graduates with the knowledge, skills, and confidence to drive innovation, lead change, and make meaningful contributions to the field of engineering technology.

Students can earn a Master of Science in Engineering Technology degree with a concentration in Mechanical Engineering in approximately 13 months through a year-round schedule.

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

Graduates of the Engineering Technology Master's program are expected to attain the following objectives within a few years of graduation:

1. Acquire advanced knowledge, techniques, skills, and modern tools of engineering technology.
2. Apply design and analysis methodologies for complex systems, advanced manufacturing processes, and automation in industrial and research settings.
3. Cultivate professionalism, ethical conduct, effective communication, management, and leadership skills essential for successful careers in engineering technology and related fields.
4. Foster interdisciplinary collaboration and integration of knowledge from multiple domains to address complex engineering challenges and innovate solutions that contribute to societal and industrial needs.

## Outcomes

Upon successful completion of the Master of Science in Engineering technology, graduates should be able to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSET.04.0

**Effective Start Term**
202604 E

**Effective Start Date**
Apr 6, 2026

**Outcome Statement**
Function effectively as a leader and a member on technical teams.

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
MSET-ME.02.0

**Active?**
Yes

**Effective Start Term**
202507 E

**Effective Start Date**
Jul 28, 2025

**Outcome Statement**
Apply tools and techniques acquired to enhance mechanical systems, manufacturing processes, automation systems, and decision-making in mechanical engineering contexts.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
MSET-ME.01.0

**Active?**
Yes

**Effective Start Term**
202507 E

**Effective Start Date**
Jul 28, 2025

**Outcome Statement**
Develop and implement advanced control strategies for mechanical systems, automation processes, and robotic platforms.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSET.03.0

**Active?**
Yes

**Effective Start Term**
202507 E

**Effective Start Date**
Jul 28, 2025

**Outcome Statement**
Apply written, oral, and graphical communication in broadly defined technical and non-technical environments; identify and use appropriate technical literature.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSET.02.0

**Active?**
Yes

**Effective Start Term**
202507 E

**Effective Start Date**
Jul 28, 2025

**Outcome Statement**
Design systems, components, or processes to meet the needs of broadly defined engineering problems appropriate to the discipline.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSET.01.0

**Active?**
Yes

**Effective Start Term**
202507 E

**Effective Start Date**
Jul 28, 2025

**Outcome Statement**
Apply advanced concepts, theories, and principles of engineering technology to analyze, design, and solve complex engineering problems.

For additional information about the program link to: http://www.ecpi.edu/master-degrees. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for master's programs. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

## Simple Requirements

**Program Requirements**

The Master of Science in Engineering Technology degree requires 33 semester credit hours of study. There are four core courses, four concentration courses, and three elective courses. Each course is three semester credit hours. The program requires a minimum of 3 semesters, which is equivalent to 13 months or 50 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

12 semester credit hours

**Complete ALL of the following Courses:**

- ET500 - Experiment Design and Analysis
- MET602 - Renewable Energy
- MET650 - Project I
- MET652 - Project II

**Mechanical Engineering Concentration Requirements**

**Type**
Completion Requirement

Concentration Courses

12 semester credit hours

**Complete ALL of the following Courses:**

- ET630 - Robotics Principles
- MET504 - Artificial Intelligence in Manufacturing
- MET506 - Advanced Instrumentation and Control
- MET600 - Manufacturing Systems

**Mechanical Engineering Elective Requirements**

**Type**
Completion Requirement

Elective Courses

9 semester credit hours

**Complete ANY of the following Courses:**

- MET604 - Quality Management
- MGT520 - Organizational Behavior and Leadership
- MGT524 - Ethics and Corporate Responsibility
- MGT532 - Organizational Change and Development

- MGT560 - Strategic Human Resources Management
- MGT575 - Modern Management Models
- MGT604 - Management and Strategy
- MGT625 - Essentials of Leadership

The Master of Science in Engineering Technology | Mechanical Engineering concentration has the following program requirements:

## Locations

Online, Newport News, VA, Virginia Beach, VA (Main)

# Engineering Technology (MS) | Robotics and Autonomous Systems

## Overview

### College
College of Technology

### Program CIP Code
15.0407

The Master of Science in Engineering Technology program is designed to equip students with advanced knowledge and practical skills in various areas of engineering technology, preparing them for dynamic careers in industry, research, and academia. Through a combination of rigorous coursework and practical experiences, students will study topics essential for addressing contemporary challenges and driving innovation in the field.

Admissions Requirements > Admissions Requirements - Graduate Programs

### About the Master of Science in Engineering Technology

The curriculum offers graduates a transformative educational experience, equipping graduates with the knowledge, skills, and confidence to drive innovation, lead change, and make meaningful contributions to the field of engineering technology.

Students can earn a Master of Science in Engineering Technology degree with a concentration in Robotics and Autonomous Systems in approximately 13 months through a year-round schedule.

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry.

Graduates of the Engineering Technology Master's program are expected to attain the following objectives within a few years of graduation:

1. Acquire advanced knowledge, techniques, skills, and modern tools of engineering technology.
2. Apply design and analysis methodologies for complex systems, advanced manufacturing processes, and automation in industrial and research settings.
3. Cultivate professionalism, ethical conduct, effective communication, management, and leadership skills essential for successful careers in engineering technology and related fields.
4. Foster interdisciplinary collaboration and integration of knowledge from multiple domains to address complex engineering challenges and innovate solutions that contribute to societal and industrial needs.

## Outcomes

Upon successful completion of the Master of Science in Engineering technology, graduates should be able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
MSET-RAS.02.0

**Effective Start Term**
202604 E

**Effective Start Date**
Apr 6, 2026

**Outcome Statement**
Apply tools and techniques acquired to automate processes.

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
MSET-RAS.01.0

**Effective Start Term**
202604 E

**Effective Start Date**
Apr 6, 2026

**Outcome Statement**
Develop and implement advanced robotic applications.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSET.04.0

**Effective Start Term**
202604 E

**Effective Start Date**
Apr 6, 2026

**Outcome Statement**
Function effectively as a leader and a member on technical teams.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSET.03.0

**Active?**
Yes

**Effective Start Term**
202507 E

**Effective Start Date**
Jul 28, 2025

**Outcome Statement**
Apply written, oral, and graphical communication in broadly defined technical and non-technical environments; identify and use appropriate technical literature.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSET.02.0

**Active?**
Yes

**Effective Start Term**
202507 E

**Effective Start Date**
Jul 28, 2025

**Outcome Statement**
Design systems, components, or processes to meet the needs of broadly defined engineering problems appropriate to the discipline.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSET.01.0

**Active?**
Yes

**Effective Start Term**
202507 E

**Effective Start Date**
Jul 28, 2025

**Outcome Statement**
Apply advanced concepts, theories, and principles of engineering technology to analyze, design, and solve complex engineering problems.

For additional information about the program link to: http://www.ecpi.edu/master-degrees. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for master's programs. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

The Master of Science in Engineering Technology degree requires 33 semester credit hours of study. There are four core courses, four concentration courses, and three elective courses. Each course is three semester credit hours. The program requires a minimum of 3 semesters, which is equivalent to 13 months or 50 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

12 semester credit hours

**Complete ALL of the following Courses:**

- ET500 - Experiment Design and Analysis
- MET602 - Renewable Energy
- EET650 - Project I
- EET652 - Project II

**Robotics and Autonomous Systems Concentration Requirements**

**Type**
Completion Requirement

Concentration Courses

12 semester credit hours

**Complete ALL of the following Courses:**

- EET504 - Robot Operating System, ROS
- EET506 - Autonomous Vehicles
- EET632 - Pattern Recognition and Machine Learning
- ET630 - Robotics Principles

**Robotics and Autonomous Systems Elective Requirements**

**Type**
Completion Requirement

Elective Courses

9 semester credit hours

**Complete ANY of the following Courses:**

- MGT520 - Organizational Behavior and Leadership
- MGT524 - Ethics and Corporate Responsibility
- MGT532 - Organizational Change and Development
- MGT560 - Strategic Human Resources Management
- MGT575 - Modern Management Models
- MGT604 - Management and Strategy
- MGT625 - Essentials of Leadership

The Master of Science in Engineering Technology | Robotics and Autonomous Systems concentration has the following program requirements:

## Locations

Virginia Beach, VA (Main), Online, Newport News, VA

# Healthcare Administration (MS)

## Overview

### College
College of Health Science

### Program CIP Code
51.0701

The Master of Science in Healthcare Administration builds on the skills and knowledge of business and management professionals, preparing them to succeed in the leadership of healthcare organizations. The program prepares future healthcare leaders to increase efficiency and effectiveness of healthcare organizations by providing an overall improvement in delivery of patient care.

The program is designed using a competency-based model that allows students to apply skills using industry-specific scenarios. Immersion opportunities are structured in the curriculum so that students can collaborate with peers, key faculty members, and industry networks.

The program offers students a choice of two focused tracks.

| TRACK | DESCRIPTION |
|---|---|
| ***Health Informatics Track*** | The Health Informatics track focuses on the management and analysis of health information used by the healthcare delivery system. Students will have the opportunity to apply tools which support informatics systems and interoperability. |
| ***Community Health Track*** | The Community Health track supports the healthcare leader seeking to work in community health areas. Community health professionals support healthcare leaders in the advancement of their professional practice through application of prevention, environmental, and social determinants related to public health issues. |

## Address Changes

It is the responsibility of the student to inform the Program Director and ECPI University of address changes prior to relocation.

## Late Assignments and Testing

Guidance for late assignments can be found in ecpionline.com under University Catalog Academic Policies Late Assignments.

See also the following additional program information:

- **Admissions Requirements** > Master of Science in Healthcare Administration
- Transferability of Credit
- **Attendance Policy** > Graduate Student Attendance

## About the Profession

Healthcare Administrators holding a master's degree in leadership will be eligible for positions in a variety of acute care and community settings The MHA program will prepare graduates for careers as Medical and Health Services Managers, with focus in Health Informatics and Community Health. Graduates working as nurses or in nursing-related fields can advance as well. Possible jobs as Medical and Health Servicers Managers include the following: Outpatient Practice Administrator, Inpatient Clinical Director, Health Information Management Corporate Director, Health Information Management Director, Health Manager, and Mental Health Program Manager. Possible jobs for the Community Health track include: Community Health Consultant, Education Coordinator, Health Education Coordinator, Health Education Specialist, Health Educator, Health Promotion Specialist, Public Health Educator, and Public Information Officer. Possible jobs for the Health Informatics track include: Clinical Informatics Analyst, Clinical Informatics Nurse, Clinical Informatics Specialist, Clinical Informatics Systems Analyst, Digital Diabetes Research Officer, Nursing Informatics Officer, and Nursing Informatics Specialist.

## Outcomes

Upon successful completion of this program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSHA.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Use current technologies to support an integrated healthcare model and analyze healthcare organizational structure and performance.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSHA.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Integrate evidence-based practice and data-driven action plans to improve the delivery of care and patient outcomes.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSHA.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Implement current best practices of leadership, critical thinking, decision-making, and interdisciplinary communication to support a healthcare organization team.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSHA.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Analyze principles of ethics and legal aspects relevant to the management of healthcare organizations.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSHA.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Act as a change agent in collaboration with stakeholders by advocating for policies to improve delivery of care, community well-being, and social determinants impacting health.

For additional information about the program link to: http://www.ecpi.edu/programs/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

# Requirements

## Simple Requirements

**Program Requirements**

To receive the Master of Science in Healthcare Administration with a concentration in Health Informatics or Community Health, students must earn 36 semester credit hours. The program requires a minimum of 4 semesters, which is equivalent to 60 weeks 14 months of instruction. Students will select one of the tracks available under this program. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

27 semester credit hours

**Complete ALL of the following Courses:**

- MHA520 - Principles of Healthcare Administration
- MHA524 - Advanced Healthcare Delivery Systems
- MHA526 - Healthcare Law and Ethics
- MHA530 - Healthcare Statistics
- MHA564 - Human Resource Management Strategies
- MHA574 - Healthcare Performance Measures and Regulation
- MHA582 - Information Management in Healthcare
- MHA600 - Economic Policy and Procedure in Healthcare Organizations
- MHA620 - MHA Leadership Capstone

**Community Health Focus Track Requirements**

**Type**
Completion Requirement

Community Health Focus Track Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- MCH605 - Community Health Landscape
- MCH610 - Community Health Education and Promotion
- MCH615 - Community Health Decision Making

**Health Informatics Track Requirements**

**Type**
Completion Requirement

Health Informatics Track Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- MHI605 - Advanced Health Informatics and Data Science
- MHI610 - Predictive Analysis for Healthcare
- MHI615 - Healthcare Analytic Tools

The Master of Science in Healthcare Administration has the following program requirements.

## Program Purpose

## Program Purpose

The purpose of the Master's in Healthcare Administration is to prepare graduates to lead healthcare organizations, prepare future healthcare leaders to be focused on challenges concerning increased efficiency and effectiveness of healthcare organizations by improving delivery of patient care. In addition, it will provide opportunities for collaboration with peers, faculty, and healthcare networks. The Health Informatics track will prepare healthcare administrators in the application of tools that support interoperability and informatics systems. The Community Health track supports the graduates working in community health or to advance the graduates professional practice through application of prevention, environmental, and social determinants related to public health issues. Graduates will be able to leverage advanced technologies to solve healthcare systems problems and educate current and future healthcare leaders.

## Locations

Online

# Management (MS) | Operations and Supply Chain Management Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0205

The Master of Science in Management degree is designed to prepare students for management and leadership roles in many industries. The program is focused on providing knowledge and skills to apply the principles and concepts related to management, leadership, and operations of complex organizations. Students can earn their Master's degree in 16 months through a year-round schedule.

The program is designed for business management majors, and other equivalent degree holders, who desire to develop the skills for complex management and leadership through critical thinking. The degree provides students with theoretical, practical, and applied skills in leadership, business systems analysis, advanced human resources management/development, and related supporting management systems technologies.

The Operations and Supply Chain Management concentration focuses on the design, execution, and improvement of business operations. This concentration covers core principles of supply chain management, process optimization, and continuous improvement frameworks. Students will explore operational planning, resource allocation, and performance measurement with a strong emphasis on practical application and operational leadership in today's complex business environments.

## About the Master of Science in Management

According to the Bureau of Labor Statistics, careers in management currently offer the highest wages of all major occupation groups (https://www.bls.gov/ooh/management/home.htm). Managers and leaders play key roles in many industries: for example energy, telecommunications, construction, manufacturing, transportation and distribution, information technology, financial services, banking, automotive, retail, healthcare, airlines and aerospace, pharmaceuticals, case management, public safety, criminal justice, and homeland security.

## Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI University provides vouchers allowing students to take certification exams at a greatly reduced cost.

## Outcomes

Upon successful completion of the program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
MSM-OSCM.01.0

**Effective Start Term**
202512 E

**Effective Start Date**
Dec 15, 2025

**Outcome Statement**
Leverage AI-driven tools and operational strategies to optimize business processes, inform strategic decisions, and lead performance improvements across dynamic supply chain environments.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSMG.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 2019

**Outcome Statement**
Apply research to allocate and manage human resources.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSMG.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate the implications of strategy to an organization.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSMG.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Design organizational plans leveraging management theory and innovation to solve business problems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSMG.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate ethical managerial responsibility.

For additional information about the program link to: https://www.ecpi.edu/programs/management-human-resource-management-masters-degree and https://www.ecpi.edu/programs/management-organizational-leadership-masters-degree. To see Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Master of Science in Management degree, students must earn 36 semester credit hours. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

27 semester credit hours

**Complete ALL of the following Courses:**

- MGT520 - Organizational Behavior and Leadership
- MGT524 - Ethics and Corporate Responsibility
- MGT528 - Business Research and Analysis
- MGT532 - Organizational Change and Development
- MGT560 - Strategic Human Resources Management
- MGT575 - Modern Management Models
- MGT585 - Cultural Issues in Management
- MGT604 - Management and Strategy
- MGT615 - Management Capstone

**Operations and Supply Chain Management Concentration Requirements**

**Type**
Completion Requirement

Concentration Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- OPM501 - Logistics Management
- OPM603 - Quality Systems, Lean Management, and AI
- OPM605 - Operations and Supply Chain Management Capstone: Simulation and AI

The Master of Science Management Operations and Supply Chain Management concentration has the following program requirements.

## Locations

Online

# Management (MS) | Human Resources Management Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.1001

The Master of Science in Management degree is designed to prepare students for management and leadership roles in many industries. The program is focused on providing knowledge and skills to apply the principles and concepts related to management, leadership, and operations of complex organizations. Students can earn their Master's degree in 16 months through a year-round schedule.

The program is designed for business management majors, and other equivalent degree holders, who desire to develop the skills for complex management and leadership through critical thinking. The degree provides students with theoretical, practical, and applied skills in leadership, business systems analysis, advanced human resources management/development, and related supporting management systems technologies.

The Human Resources Management concentration focuses on managing an organization's most valuable resource: its people.  This concentration focuses on compliance and the regulatory environment from a legal perspective, the strategic partnerships and goals that serve to motivate and incentivize a contemporary workforce, and the digital tools and systems used to manage human capital.

### About the Master of Science in Management

According to the Bureau of Labor Statistics, careers in management currently offer the highest wages of all major occupation groups (https://www.bls.gov/ooh/management/home.htm). Managers and leaders play key roles in many industries: for example energy, telecommunications, construction, manufacturing, transportation and distribution, information technology, financial services, banking, automotive, retail, healthcare, airlines and aerospace, pharmaceuticals, case management, public safety, criminal justice, and homeland security.

### Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI University provides vouchers allowing students to take certification exams at a greatly reduced cost.

## Outcomes

Upon successful completion of the program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSMG.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 2019

**Outcome Statement**
Apply research to allocate and manage human resources.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSMG.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate the implications of strategy to an organization.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSMG.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Design organizational plans leveraging management theory and innovation to solve business problems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSMG.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate ethical managerial responsibility.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
MSMG-HR.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply human resource management tools and strategies in support of organizational goals.

For additional information about the program link to: https://www.ecpi.edu/programs/management-human-resource-management-masters-degree and https://www.ecpi.edu/programs/management-organizational-leadership-masters-degree. To see Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Master of Science in Management degree, students must earn 36 semester credit hours. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

27 semester credit hours

**Complete ALL of the following Courses:**

- MGT520 - Organizational Behavior and Leadership
- MGT524 - Ethics and Corporate Responsibility
- MGT528 - Business Research and Analysis
- MGT532 - Organizational Change and Development
- MGT560 - Strategic Human Resources Management
- MGT575 - Modern Management Models
- MGT585 - Cultural Issues in Management
- MGT604 - Management and Strategy
- MGT615 - Management Capstone

**Human Resources Concentration Requirements**

**Type**
Completion Requirement

Human Resources Concentration Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- MGT590 - Human Resources Information Systems (HRIS)
- MGT645 - Human Resources Management Compliance
- MGT648 - Talent Management

The Master of Science Management Human Resources Management concentration has the following program requirements.

## Locations

Online

# Management (MS) | Organizational Leadership Concentration

## Overview

### College
College of Business and Criminal Justice

### Program CIP Code
52.0213

The Master of Science in Management degree is designed to prepare students for management and leadership roles in many industries. The program is focused on providing knowledge and skills to apply the principles and concepts related to management, leadership, and operations of complex organizations. Students can earn their Master's degree in 16 months through a year-round schedule.

The program is designed for business management majors, and other equivalent degree holders, who desire to develop the skills for complex management and leadership through critical thinking. The degree provides students with theoretical, practical, and applied skills in leadership, business systems analysis, advanced human resources management/development, and related supporting management systems technologies.

The Organizational Leadership concentration prepares students to lead and to manage people and processes in a multicultural, global and often a virtual environment. Developing the ability to make complex, strategic decisions and to implement best practices, policies, and procedures is emphasized.

### About the Master of Science in Management

According to the Bureau of Labor Statistics, careers in management currently offer the highest wages of all major occupation groups (https://www.bls.gov/ooh/management/home.htm). Managers and leaders play key roles in many industries: for example energy, telecommunications, construction, manufacturing, transportation and distribution, information technology, financial services, banking, automotive, retail, healthcare, airlines and aerospace, pharmaceuticals, case management, public safety, criminal justice, and homeland security.

### Recommended Certifications

Certifications are not required for completion of this program; however, ECPI encourages students to obtain all appropriate certifications to increase potential job opportunities. ECPI University provides vouchers allowing students to take certification exams at a greatly reduced cost.

## Outcomes

Upon successful completion of the program, graduates are able to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSMG.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 2019

**Outcome Statement**
Apply research to allocate and manage human resources.

### Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
MSMG-L.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Develop leadership strategies that foster ethical and responsible organizational cultures.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSMG.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Evaluate the implications of strategy to an organization.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSMG.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Design organizational plans leveraging management theory and innovation to solve business problems.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSMG.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate ethical managerial responsibility.

For additional information about the program link to: https://www.ecpi.edu/programs/management-human-resource-management-masters-degree and https://www.ecpi.edu/programs/management-organizational-leadership-masters-degree. To see Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

### Simple Requirements

**Program Requirements**

To receive the Master of Science in Management degree, students must earn 36 semester credit hours. The program requires a minimum of 4 semesters, which is equivalent to 15 months or 60 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

27 semester credit hours

**Complete ALL of the following Courses:**

- MGT520 - Organizational Behavior and Leadership
- MGT524 - Ethics and Corporate Responsibility
- MGT528 - Business Research and Analysis
- MGT532 - Organizational Change and Development
- MGT560 - Strategic Human Resources Management
- MGT575 - Modern Management Models
- MGT585 - Cultural Issues in Management
- MGT604 - Management and Strategy
- MGT615 - Management Capstone

**Organizational Leadership Concentration Requirements**

**Type**
Completion Requirement

Concentration Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- MGT625 - Essentials of Leadership
- MGT635 - Open Source Leadership
- MGT648 - Talent Management

The Master of Science Management Organizational Leadership concentration has the following program requirements.

## Locations

Online

# Nursing (MS) | Concentration in Family Nurse Practitioner

## Overview

### College
College of Nursing

### Program CIP Code
51.3801

The Master of Science in Nursing degree program builds on the skills and knowledge of a diverse population of registered nurses with a bachelor degree in nursing and preparing them to succeed in progressive roles in inter-professional health care and education settings. The program assists future nurse leaders and educators in the advancement of their professional practice through scientific inquiry and other scholarly activities. The concentrations are guided by the National League for Nursing's Certified Nurse Educator (CNE), and the American Association of Nurse Practitioner's (AANP) core and population-specific competencies.

Graduates of the Nursing Education concentration will be prepared to educate nursing students and practicing nurses in academic and clinical settings. Graduates of the family nurse practitioner program will be able to perform as a primary care provider in the assessment, diagnosis, and treatment of acute and chronic illnesses in patients across the lifespan. The program is delivered in hybrid and online formats using current technologies that promote collaboration, accessibility and flexibility for the working nurse.

## Preceptorship Attire

All students participating in clinical or preceptor experiences should dress appropriately. Clinical is limited to corporate casual attire, a white lab coat and a name tag.

## Practicum Clinical Requirements

Students attending the practicum courses in the MSN program are responsible for securing their own location and qualified preceptor, and providing any clinical documentation requested by the agency such as physical exam, immunizations, current PPD or TB testing, AHA CPR Certification, and current RN license in the state of residence. Students should maintain their own clinical records throughout the program. Clinical required documents may be different depending on the concentration, please refer to the MSN Student Handbook and Practicum Handbook.

## Disclosure

Requirements regarding distance education and practicum experiences vary from state to state. The student's initial program application is reviewed using the address provided upon enrollment to determine individual ability to complete the program and practicum requirements in the student's state.

It is the responsibility of the student to inform the Program Director and ECPI University of address changes prior to relocation. Changing the state of residence during the course of the MSN program may alter the ability of students to complete the MSN program.

See also the following additional program information:

- **Admissions Requirements** > Master of Science in Nursing *(includes information on Essential Functional Abilities)*
- **Attendance Policy** > Nursing | MSN (*includes information on Clinical Phase Absenteeism and Tardiness)*

## CCNE Accreditation

The Master of Science in Nursing program at the Virginia Beach, Virginia campus is accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington, DC 20001, (202) 887-6791.

## About the Profession

Nurses holding a master's degree in nursing leadership will be eligible for positions in a variety of acute care and community settings. Graduates with a concentration in nursing education will be eligible for positions teaching patients, healthcare employees, and nursing students at the practical, associate and bachelor degree levels. Graduates in the family nurse practitioner program will be eligible for primary care positions in clinics, doctor's offices, public health departments, and urgent care centers.

## Licensure

To be licensed as a Family Nurse Practitioner (FNP), it is necessary to pass the AANP or ANCC certification exam. Licensure may be required by employers to practice as a Family Nurse Practitioner.

## Program Progression

The MSN Program follows the ECPI University graduate program policies, including the grading scale. A minimum score of 80 is required for all graduate courses. Grades earned below the minimum of 80 will be awarded an F. Students in graduate programs must maintain a cumulative grade point average (CGPA) of a 3.0 or better; students who fall below this requirement will be in SAP Warning status (see Satisfactory Academic Progress – Graduate Programs). Students who receive two grades of F at any time during the program will be dismissed. A student must re-take a course for which a grade of F was earned. Even if the course is repeated, the original earned grade counts as one of those attempts and the student may not receive another grade of F.

## Student Evaluation

The faculty uses the program student learning outcomes and course objectives within individual courses as criteria for student evaluation. A graduate portfolio is created across the curriculum and submitted as evidence of accomplishment of the student learning outcomes in the final nursing course. Student grades are determined by a variety of formative and summative evaluation methods.

## Outcomes

Upon successful completion of this program, the graduate will:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.09.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Utilize nursing expertise, clinical judgment, health informatics, and communication technologies to enhance systems thinking for delivering safe, high-quality healthcare across various settings, including remote technologies.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.08.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply systematic quality management models that meet patient safety goals and initiatives and improve health policy, patient care and outcomes.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.07.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate role development by formulating a resilient professional identity in nursing that fosters lifelong learning and reflects nursing values.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.06.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Support policies for public health and nursing that address psychosocial, economic, and cultural factors, along with legal and ethical principles. This involves applying standards of practice and healthcare policies to provide culturally sensitive, evidence-based care to diverse communities.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.05.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Advocate for policies that improve the health of the public and the profession of nursing by using the broad determinants of health (psychosocial, economic, and cultural factors), and the legal and ethical foundations of nursing.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Ethically utilize current technologies to communicate with interdisciplinary teams, analyze healthcare data, improve communication and coordination of care across the continuum, and strengthen outcomes of advanced practice nursing care.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Act as a change agent by substantiating and applying research outcomes in various healthcare settings to translate and disseminate nursing knowledge to individuals, families, and communities.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Perform as a leader of nursing by developing and implementing patient safety measures and quality improvement initiatives as part of an interprofessional team using appropriate theories, healthcare technologies, communication skills, and effective group dynamics.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Integrate evidence-based nursing practice for the continual improvement of safe, effective and quality nursing care to individuals, families, and communities.

For additional information about the program link to: http://www.ecpi.edu/programs/nursing-master-degree. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

# Requirements

## Simple Requirements

**Program Requirements**

To receive the Master of Science in Nursing, Family Nurse Practitioner concentration, students must earn 53 semester credit hours and complete a minimum of 720 clinical hours and 30 lab hours. The program requires a minimum of 6 semesters, which is equivalent to 22 months or 90 weeks of instruction. There are two residencies requiring weekend attendance in Virginia Beach, VA.

The program requirements are as follows:

**Program Prerequisite Requirements**

**Type**
Prerequisite

Prerequisite Courses

Applicants who do not have previous undergraduate coursework in statistics, health assessment and research may be required to complete one or more prerequisite courses prior to acceptance in the graduate program. Below are the corresponding undergraduate classes, which may be taken online, to satisfy this requirement. The MSN Director or Associate Director will review the undergraduate transcript for the following content:

**Complete ALL of the following Courses:**

- MTH140 - Statistics
- NUR340 - Health Assessment
- NUR350 - Nursing Research and Evidence-Based Practice

**Family Nurse Practitioner Concentration Requirements**

### Type

Completion Requirement

Concentration Courses

53 semester credit hours

**Complete ALL of the following Courses:**

- NUR503 - Advanced Physical Assessment for Providers
- NUR504 - Role of the Advanced Practice Nurse
- NUR511 - Theoretical Foundations: A Multidisciplinary Approach
- NUR520 - Advanced Pathophysiology
- NUR531 - Topics in Population Health
- NUR541 - Policy, Politics, and Advocacy in Healthcare
- NUR561 - Nursing Research and Evidence-based Practice
- NUR581 - Healthcare Technologies
- NUR606 - Advanced Pharmacology for Prescribers
- NUR610 - Advanced Procedures and Diagnostic Reasoning
- NUR615 - Primary Care: Adults and Older Adults
- NUR615L - Primary Care: Adults/Older Adults Practicum I
- NUR617L - Primary Care: Adult/Older Adult Practicum II
- NUR620L - Primary Care: Care of the Family Practicum
- NUR625 - Primary Care: Children/Adolescents
- NUR627L - Primary Care: Children/Adolescents Practicum I
- NUR628L - Primary Care: Children/Adolescents Practicum II
- NUR635 - Primary Care: Women and Families
- NUR635L - Primary Care: Women and Families Practicum I
- NUR636L - Primary Care: Women and Families Practicum II
- NUR654 - Certification Preparation Review Course
- NUR676L - Primary Care Synthesis Practicum
- NUR697L - Nursing Synthesis FNP

Prerequisite courses for the MSN degree concentrations require an earned grade of C or higher.

The Master of Science in Nursing Family Nurse Practitioner concentration has the following program requirements.

## Program Philosophy

Keeping with the nursing programs of the College of Nursing, the MSN program believes that:

| |
|---|
| • Each individual is a unique person having dignity and worth. Individuals, as members of the family and the community, are shaped by cultural, physiological, psychosocial, spiritual, and developmental forces. The family and the community influence early beliefs and values of individuals, and in turn individuals contribute to the effective functioning of the family and community. |
| • Nursing is both an art and a science grounded in a social context and related to experiences with people in need. It is based on a specific body of nursing theory and principles from behavioral and social sciences. Nursing is an interpersonal process and involves the application of knowledge, technical and collaborative skills, critical thinking and creative problem solving. The focus of nursing is on caring for individuals, families, or client groups. By using the nursing process, nurses promote, maintain, and restore client health as well as provide compassionate care to the dying. As health care providers, nurses engage in a collaborative practice that focuses on outcomes and adheres to practice guidelines that ensure quality and access. |
| • Professional values and value-based interventions are fundamental to nursing education. As the basis for professional nursing practice, values and value-based actions may be viewed as ethically reflective practice that the nursing student uses to interact with patients, health care professionals, and society. |
| • Teaching and learning are life-long interactive processes through which active inquiry and participation result in a change in behavior. A teaching/learning process is facilitated when the learner and teacher share responsibility for outcomes. Learning is facilitated when content is presented in an orderly sequential manner (i.e. simple to complex, known to unknown, normal or abnormal, general to specific). |
| • Critical thinking, clinical competence, accountability, and a commitment to the value of caring is necessary to maintain or restore clients to their optimum state of health and to provide the support which allows death with dignity. As the provider of care, the nurse's commitment to client/family-centered care will facilitate successful preparation for practice in various health care settings. |
| • It is essential that the nurse have current knowledge in nursing concepts, principles, processes, and skills. Supportive of that knowledge is an understanding of health, acute and chronic health deviations, nutrition, pharmacology, communication, human development, teaching/learning principles, current technology, humanities, and biological, social, and behavioral sciences. |
| • The nurse is a manager of care in various health care settings where policies and procedures are specified and guidance is available. To be competent in the role as a manager of care, the nurse must possess the knowledge and skills necessary to make decisions regarding priorities of care, to delegate some aspects of nursing care, and direct others to use time and resources efficiently, and to know when to seek assistance. Supporting this knowledge is an understanding of the principles of client-care management, communication and delegation, legal parameters of nursing practice, and roles and responsibilities of members of the health care team. |

### Organizing Framework of the MSN Program




The roles and functions of the MSN nurse graduate expand from the BSN level. The framework for the MSN programs is built on the AACN Essentials of Master's Education in Nursing (2011). Graduates of the MSN programs will possess "broad knowledge and practice expertise" beyond the baccalaureate degree and the roles of health care leader, care manager, contributor to the profession, and community collaborator. Graduates will be prepared for work in current and future innovative environments where nursing and healthcare are delivered. Graduates will utilize technology to solve unique as well as global nursing issues, and learn to coordinate care by communicating across the boundaries of degrees, departments, facilities, and states. Graduates are prepared to educate patients, families, groups, students, and each other. Graduates in direct-care roles will possess graduate-level knowledge in assessment, pharmacology, and pathophysiology; and, have precepted learning experiences. Expectations for graduates will focus on patient safety, quality healthcare, and impacting the systems that provide care.

Graduates will exemplify the Institute of Medicine (IOM) core competencies of all health care professionals (2003) by providing patient-centered care that identifies and respects patients' individual needs and differences. Graduates will work in interdisciplinary teams to promote care that is continuous, reliable and will use evidence-based practices to transmit research into practice. Quality improvement techniques will be applied to identify hazards to patient care, understand safety design principles, and measures of quality. Graduates will also use information technology to communicate with each other and reduce the chances for error.

Additionally, the MSN program will use the teaching methods that support the use of technology and teach for a sense of salience, situated cognition and action in particular situations; integrate classroom and clinical experiences where appropriate; emphasize clinical reasoning and multiple ways of thinking; and emphasize role formation in graduate roles.

## Program Purpose

The purpose of the master's in nursing program is to prepare nurses to act as experts in various clinical and academic settings. Graduates of this program will integrate interdisciplinary knowledge to become leaders of change and ensure quality patient outcomes and safe practices. Graduates will be prepared to engage in the research process, apply research findings to nursing practice across populations and settings, and disseminate knowledge. Graduates will provide direct and indirect nursing care at the graduate level, to coordinate care, advocate for patients, families and communities, and participate in political processes to ensure equality in care. Graduates will be able to leverage advanced technologies to solve healthcare systems problems and educate current and future nurses.

## Locations

Online

# Nursing (MS) | Concentration in Nursing Education

## Overview

### College
College of Nursing

### Program CIP Code
51.3801

The Master of Science in Nursing degree program builds on the skills and knowledge of a diverse population of registered nurses with a bachelor degree in nursing and preparing them to succeed in progressive roles in inter-professional health care and education settings. The program assists future nurse leaders and educators in the advancement of their professional practice through scientific inquiry and other scholarly activities. The concentrations are guided by the National League for Nursing's Certified Nurse Educator (CNE), and the American Association of Nurse Practitioner's (AANP) core and population-specific competencies.

Graduates of the Nursing Education concentration will be prepared to educate nursing students and practicing nurses in academic and clinical settings. Graduates of the family nurse practitioner program will be able to perform as a primary care provider in the assessment, diagnosis, and treatment of acute and chronic illnesses in patients across the lifespan. The program is delivered in hybrid and online formats using current technologies that promote collaboration, accessibility and flexibility for the working nurse.

### Preceptorship Attire

All students participating in clinical or preceptor experiences should dress appropriately. Clinical is limited to corporate casual attire, a white lab coat and a name tag.

### Practicum Clinical Requirements

Students attending the practicum courses in the MSN program are responsible for securing their own location and qualified preceptor, and providing any clinical documentation requested by the agency such as physical exam, immunizations, current PPD or TB testing, AHA CPR Certification, and current RN license in the state of residence. Students should maintain their own clinical records throughout the program. Clinical required documents may be different depending on the concentration, please refer to the MSN Student Handbook and Practicum Handbook.

### Disclosure

Requirements regarding distance education and practicum experiences vary from state to state. The student's initial program application is reviewed using the address provided upon enrollment to determine individual ability to complete the program and practicum requirements in the student's state.

It is the responsibility of the student to inform the Program Director and ECPI University of address changes prior to relocation. Changing the state of residence during the course of the MSN program may alter the ability of students to complete the MSN program.

See also the following additional program information:

- **Admissions Requirements** > Master of Science in Nursing *(includes information on Essential Functional Abilities)*
- **Attendance Policy** > Nursing | MSN *(includes information on Clinical Phase Absenteeism and Tardiness)*

### CCNE Accreditation

The Master of Science in Nursing program at the Virginia Beach, Virginia campus is accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington, DC 20001, (202) 887-6791.

### About the Profession

Nurses holding a master's degree in nursing leadership will be eligible for positions in a variety of acute care and community settings. Graduates with a concentration in nursing education will be eligible for positions teaching patients, healthcare employees, and nursing students at the practical, associate and bachelor degree levels. Graduates in the family nurse practitioner program will be eligible for primary care positions in clinics, doctor's offices, public health departments, and urgent care centers.

### Program Progression

The MSN Program follows the ECPI University graduate program policies, including the grading scale. A minimum score of 80 is required for all graduate courses. Grades earned below the minimum of 80 will be awarded an F. Students in graduate programs must maintain a cumulative grade point average (CGPA) of a 3.0 or better; students who fall below this requirement will be in SAP Warning status (see Satisfactory Academic Progress – Graduate Programs). Students who receive two grades of F at any time during the program will be dismissed. A student must re-take a course for which a grade of F was earned. Even if the course is repeated, the original earned grade counts as one of those attempts and the student may not receive another grade of F.

### Student Evaluation

The faculty uses the program student learning outcomes and course objectives within individual courses as criteria for student evaluation. A graduate portfolio is created across the curriculum and submitted as evidence of accomplishment of the student learning outcomes in the final nursing course. Student grades are determined by a variety of formative and summative evaluation methods.

## Outcomes

Upon successful completion of this program, the graduate will:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.09.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Utilize nursing expertise, clinical judgment, health informatics, and communication technologies to enhance systems thinking for delivering safe, high-quality healthcare across various settings, including remote technologies.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.08.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply systematic quality management models that meet patient safety goals and initiatives and improve health policy, patient care and outcomes.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.07.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate role development by formulating a resilient professional identity in nursing that fosters lifelong learning and reflects nursing values.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.06.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Support policies for public health and nursing that address psychosocial, economic, and cultural factors, along with legal and ethical principles. This involves applying standards of practice and healthcare policies to provide culturally sensitive, evidence-based care to diverse communities.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.05.2

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Advocate for policies that improve the health of the public and the profession of nursing by using the broad determinants of health (psychosocial, economic, and cultural factors), and the legal and ethical foundations of nursing.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.04.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Ethically utilize current technologies to communicate with interdisciplinary teams, analyze healthcare data, improve communication and coordination of care across the continuum, and strengthen outcomes of advanced practice nursing care.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.03.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Act as a change agent by substantiating and applying research outcomes in various healthcare settings to translate and disseminate nursing knowledge to individuals, families, and communities.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.02.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Perform as a leader of nursing by developing and implementing patient safety measures and quality improvement initiatives as part of an interprofessional team using appropriate theories, healthcare technologies, communication skills, and effective group dynamics.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSN.01.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Integrate evidence-based nursing practice for the continual improvement of safe, effective and quality nursing care to individuals, families, and communities.

For additional information about the program link to: http://www.ecpi.edu/programs/nursing-master-degree. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

# Requirements

## Simple Requirements

**Program Requirements**

To receive the Master of Science in Nursing with a concentration in Education, students must earn 33 semester credit hours and 135 hours of practicum. The program requires a minimum of 4 semesters, which is equivalent to15 months or 60 weeks of instruction.

**Prerequisite Requirements**

**Type**
Prerequisite

Prerequisite Courses

Applicants who do not have previous undergraduate coursework in statistics, health assessment and research may be required to complete one or more prerequisite courses prior to acceptance in the graduate program. Below are the corresponding undergraduate classes, which may be taken online, to satisfy this requirement. The MSN Director or Associate Director will review the undergraduate transcript for the following content:

**Complete ALL of the following Courses:**

- MTH140 - Statistics
- NUR340 - Health Assessment
- NUR350 - Nursing Research and Evidence-Based Practice

**Nurse Education Concentration Requirements**

**Type**
Completion Requirement

Nurse Education Concentration Courses

33 Semester Credit Hours

**Complete ALL of the following Courses:**

- NUR511 - Theoretical Foundations: A Multidisciplinary Approach
- NUR520 - Advanced Pathophysiology
- NUR541 - Policy, Politics, and Advocacy in Healthcare
- NUR561 - Nursing Research and Evidence-based Practice
- NUR581 - Healthcare Technologies
- NUR601 - Advanced Physical Assessment
- NUR602 - Advanced Pharmacology
- NUR650 - Curriculum Planning and Development
- NUR652L - Nursing Education Practicum I
- NUR660 - Teaching and Learning Strategies
- NUR660L - Nursing Education Practicum II
- NUR670 - Assessing and Evaluating Nursing Education
- NUR670L - Nursing Education Practicum III
- NUR695 - Nursing Synthesis

The Master of Science in Nursing Family Nurse Education concentration has the following program requirements.

## Program Philosophy

Keeping with the nursing programs of the College of Nursing, the MSN program believes that:

| |
|---|
| • Each individual is a unique person having dignity and worth. Individuals, as members of the family and the community, are shaped by cultural, physiological, psychosocial, spiritual, and developmental forces. The family and the community influence early beliefs and values of individuals, and in turn individuals contribute to the effective functioning of the family and community. |
| • Nursing is both an art and a science grounded in a social context and related to experiences with people in need. It is based on a specific body of nursing theory and principles from behavioral and social sciences. Nursing is an interpersonal process and involves the application of knowledge, technical and collaborative skills, critical thinking and creative problem solving. The focus of nursing is on caring for individuals, families, or client groups. By using the nursing process, nurses promote, maintain, and restore client health as well as provide compassionate care to the dying. As health care providers, nurses engage in a collaborative practice that focuses on outcomes and adheres to practice guidelines that ensure quality and access. |
| • Professional values and value-based interventions are fundamental to nursing education. As the basis for professional nursing practice, values and value-based actions may be viewed as ethically reflective practice that the nursing student uses to interact with patients, health care professionals, and society. |
| • Teaching and learning are life-long interactive processes through which active inquiry and participation result in a change in behavior. A teaching/learning process is facilitated when the learner and teacher share responsibility for outcomes. Learning is facilitated when content is presented in an orderly sequential manner (i.e. simple to complex, known to unknown, normal or abnormal, general to specific). |
| • Critical thinking, clinical competence, accountability, and a commitment to the value of caring is necessary to maintain or restore clients to their optimum state of health and to provide the support which allows death with dignity. As the provider of care, the nurse's commitment to client/family-centered care will facilitate successful preparation for practice in various health care settings. |
| • It is essential that the nurse have current knowledge in nursing concepts, principles, processes, and skills. Supportive of that knowledge is an understanding of health, acute and chronic health deviations, nutrition, pharmacology, communication, human development, teaching/learning principles, current technology, humanities, and biological, social, and behavioral sciences. |
| • The nurse is a manager of care in various health care settings where policies and procedures are specified and guidance is available. To be competent in the role as a manager of care, the nurse must possess the knowledge and skills necessary to make decisions regarding priorities of care, to delegate some aspects of nursing care, and direct others to use time and resources efficiently, and to know when to seek assistance. Supporting this knowledge is an understanding of the principles of client-care management, communication and delegation, legal parameters of nursing practice, and roles and responsibilities of members of the health care team. |

The roles and functions of the MSN nurse graduate expand from the BSN level. The framework for the MSN programs is built on the AACN Essentials of Master's Education in Nursing (2011). Graduates of the MSN programs will possess "broad knowledge and practice expertise" beyond the baccalaureate degree and the roles of health care leader, care manager, contributor to the profession, and community collaborator. Graduates will be prepared for work in current and future innovative environments where nursing and healthcare are delivered. Graduates will utilize technology to solve unique as well as global nursing issues, and learn to coordinate care by communicating across the boundaries of degrees, departments, facilities, and states. Graduates are prepared to educate patients, families, groups, students, and each other. Graduates in direct-care roles will possess graduate-level knowledge in assessment, pharmacology, and pathophysiology; and, have precepted learning experiences. Expectations for graduates will focus on patient safety, quality healthcare, and impacting the systems that provide care.




Graduates will exemplify the Institute of Medicine (IOM) core competencies of all health care professionals (2003) by providing patient-centered care that identifies and respects patients' individual needs and differences. Graduates will work in interdisciplinary teams to promote care that is continuous, reliable and will use evidence-based practices to transmit research into practice. Quality improvement techniques will be applied to identify hazards to patient care, understand safety design principles, and measures of quality. Graduates will also use information technology to communicate with each other and reduce the chances for error.

Additionally, the MSN program will use the teaching methods that support the use of technology and teach for a sense of salience, situated cognition and action in particular situations; integrate classroom and clinical experiences where appropriate; emphasize clinical reasoning and multiple ways of thinking; and emphasize role formation in graduate roles.

## Program Purpose

The purpose of the master's in nursing program is to prepare nurses to act as experts in various clinical and academic settings. Graduates of this program will integrate interdisciplinary knowledge to become leaders of change and ensure quality patient outcomes and safe practices. Graduates will be prepared to engage in the research process, apply research findings to nursing practice across populations and settings, and disseminate knowledge. Graduates will provide direct and indirect nursing care at the graduate level, to coordinate care, advocate for patients, families and communities, and participate in political processes to ensure equality in care. Graduates will be able to leverage advanced technologies to solve healthcare systems problems and educate current and future nurses.

## Locations

Online

# Physician Assistant (MS)

## Overview

### College
College of Health Science

### Program CIP Code
51.0912

### Program Overview

The Master of Science in Physician Assistant (MSPA) degree program builds on the skills and knowledge of a diverse population of students with a bachelor's degree, specific science pre-requisites, and patient care hours, all preparing them to succeed in advanced practice provider roles in inter-professional health care settings.

Graduates of the physician assistant (MSPA) program will be able to assess, diagnose, and treat acute and chronic illnesses in patients across the lifespan. The program is delivered in seat using current technologies that promote collaboration, accessibility, and flexibility.

Graduates must pass the Physician Assistant National Certifying Exam (PANCE) to become certified. To maintain certification, PAs must complete 100 Continuing Medical Education (CME) credits every two years and pass the Physician Assistant National Recertifying Exam (PANRE) every 10 years. National Certification is generally required for individual state licensure, some state boards may have additional requirements.

### Mission Statement

The Physician Assistant Program is dedicated to providing a challenging and innovative academic setting for students from diverse backgrounds to become physician assistants.  Graduates will provide exceptional healthcare, promote health equity, commit to personal and professional growth, and lead in the communities they serve.

### Requirements

When evaluating physician assistant candidates, we seek individuals who demonstrate a blend of academic excellence, clinical experience and life experience such as prior military service and first generation college students. Ideal candidates possess a strong foundation in the sciences, they have practical and genuine understandings of patient care and can demonstrate-through their application-an ability to connect, communicate, and work with others in a professional environment. If you have any questions about the ECPI University Physician Assistant program, our admissions protocol, or accreditation status, please contact PAAdmissions@ecpi.edu.

See also the following additional program information:

- Prerequisites > Master of Science in Physician Assistant | ECPI University
- Transferability of Credit > Master of Science in Physician Assistant | ECPI University

### Attendance

Attendance is a mandatory requirement for the program. ECPI University believes students should follow a policy of regular attendance and punctuality to receive the maximum benefit from an ECPI University education and to develop the work habits and personal qualities highly valued by employers. Therefore, students are expected to attend all regularly scheduled class meetings. Additional policy information can be found within the MPA Student Handbook.

### Program Attire

Students must adhere to the program policy on dress code and personal appearance, which can be found in the MPA Student Handbook. Didactic year students are expected to wear ECPI University issued scrubs and closed-toed shoes, unless otherwise specified for certain labs or guest speakers. Clinical year students are expected to wear business casual dress, and ECPI University PA Program issued white lab coats, unless otherwise specified by their preceptor

### Supervised Clinical Practice Experiences (SCPE)

Following the didactic year, students will be assigned supervised clinical practice experiences, also known as clinical placements, based on established sites vetted by the program. Students are prohibited from arranging their own clinical placement.

### Supervised Clinical Practice Experience (SCPE) Requirements

Students are responsible for providing all clinical documentation requested by the MPA program and each clinical site/health system, such as physical exams, immunizations, and current tuberculosis testing. Students will also complete program-specified drug testing and background checks, etc. The required clinical documentation may be found in the MPA Student Handbook and may vary per clinical site. Clinical site requirements supersede program requirements.

### Disclosure

It is the student's responsibility to inform the Program Director and ECPI University of address changes before relocation. Changing the state of residence during the MPA program may alter the ability of students to complete the MPA program.

## Essential Functional Abilities

The MSPA Program at ECPI University is dedicated to preparing students to practice safe, ethical, and effective medicine. To achieve this, all applicants and students must meet the following technical standards, which are essential requirements for admission, retention, and graduation. See the MPA Student Handbook for full explanation of these standards or the program website for a list of Technical Standards:

- Observation and Sensory Abilities
- Communication Skills
- Motor and Tactile Skills
- Cognitive and Intellectual Abilities
- Behavioral and Professional Attributes

The MSPA program complies with the University Policy for students with disabilities and with the Americans with Disabilities Act to provide reasonable accommodations to qualified individuals.

## Accreditation

The ARC-PA has granted Accreditation-Provisional status to the ECPI University Master of Science in Physician Assistant Program **(MSPA)** sponsored by ECPI University.

Accreditation-Provisional is an accreditation status granted when the plans and resource allocation, if fully implemented as planned, of a proposed program that has not yet enrolled students appear to demonstrate the program's ability to meet the ARC-PA *Standards* or when a program holding Accreditation-Provisional status appears to demonstrate continued progress in complying with the *Standards* as it prepares for the graduation of the first class (cohort) of students.

Accreditation-Provisional does not ensure any subsequent accreditation status. It is limited to no more than five years from matriculation of the first class.

The program's accreditation history can be viewed on the ARC-PA website at https://www.arc-pa.org/accreditation-history-ecpi-university/.

## About the Profession

PAs are licensed clinicians who practice medicine in every specialty and setting.

Trusted, rigorously educated and trained healthcare professionals, PAs are dedicated to expanding access to care and transforming health and wellness through patient-centered, team-based medical practices.

PAs are eligible for positions in a variety of acute care and community settings such as hospitals, clinics, public health departments, and urgent care centers.

## Licensure

When you graduate from a PA program accredited by the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) you must take the **Physician Assistant National Certifying Examination (PANCE)** for certification. Licensure requirements vary state-by-state. Contact state licensing boards for their individual requirements.

## Program Progression

A minimum score of 73 is required for all courses in the program. Refer to the Plan for Grading section of individual course syllabi to review course component requirements. Grades earned below the minimum of 73 will be awarded an F. Students in graduate programs must maintain a cumulative grade point average (CGPA) of a 3.0 or better; students who fall below this requirement will be in SAP Warning status (see **Satisfactory Academic Progress (SAP) - Graduate Programs**). The policy on evaluating student performance and grading, and program progression and completion can be found in the MPA Student Handbook.

## Student Evaluation

The faculty uses course learning outcomes and instructional objectives within individual courses as criteria for student evaluation. Student grades are determined by a variety of formative and summative evaluation methods.

# Outcomes

Upon successful completion of this program, the graduate will:

## PA Program Competency Domains

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA700.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Successfully complete Physician Assistant National Certifying Exam (PANCE) preparatory assignments to refine test-taking strategies. (PPK, CTS, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA700.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply specialty-specific clinical and technical skills required for SCPE participation during selected supervised clinical practice experiences and clinical scenarios. (PPK, ICS, CTS, PEP, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA700.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Display professional behavior and effective communication during faculty-led small group debrief sessions. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA700.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Utilize didactic medical knowledge to formulate appropriate diagnostic and management strategies for selected clinical challenges, demonstrated during OSCEs. (PPK, ICS, CTS, PEP, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA700.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Complete professional preparation activities to prepare for transition into entry-level PA practice. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA500.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify human anatomical structures. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA500.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Recognize the anatomical basis of clinical conditions. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA500.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate clinical cases to determine the anatomical contributions to patient symptoms. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA500.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Analyze the relationship between anatomical structures and pathological conditions. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA505.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify normal human physiological processes. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA505.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify key pathophysiological processes underlying diseases. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA505.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Recognize cellular and systemic responses to disease and injury. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA505.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Recognize how genetics influence human disease states. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA505.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply pathophysiological concepts to interpret clinical signs and symptoms. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA505.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Analyze the relationship between disease mechanisms and diagnostic findings. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA510.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply the key policies and professional expectations of the PA Program academic requirements to case scenarios. (PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA510.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Summarize the historical development of the Physician Assistant profession, including its origins, key milestones, and evolving role within the U.S. healthcare system. (SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA510.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Utilize critical thinking techniques to support clinical decision-making within case study discussions. (SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA530.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Perform laboratory medicine skills. (CTS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA540.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate key age-appropriate clinical findings in patients across the lifespan (including infants, children, adolescents, adults and the elderly) presenting with acute or chronic complaints. (CTS, ICS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA540.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select the most appropriate diagnostic study to refine the working diagnosis in a clinical scenario. (CTS, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA560.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select a prioritized differential diagnosis for medical and surgical presentations using foundational clinical science knowledge. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA560.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate key age-appropriate clinical findings in patients across the lifespan (including infants, children, adolescents, adults and the elderly) presenting with acute or chronic complaints. (CTS, ICS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA560.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate disorders in Cardiology, Neurology and Hematology/Oncology based on clinical presentation, prognosis, or complications (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA560.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select the most appropriate diagnostic study to refine the working diagnosis in a clinical scenario. (CTS, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA560.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Determine the most appropriate patient-centered management plan for acute, chronic, and emergent conditions. (PPK, CTS, ICS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA565.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Explain the principles of pharmacokinetics and pharmacodynamics as they relate to drug action and patient care. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA565.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate the therapeutic uses, mechanisms of action, and adverse effects of pharmacologic agents used in treatment of Cardiovascular, Respiratory and ENT diseases. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA565.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply evidence-based guidelines to select appropriate pharmacologic treatments for diverse patient populations. (PPK, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA565.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate proficiency in integrating pharmacologic knowledge into comprehensive patient care plans across cardiovascular, respiratory, and ENT organ systems. (PPK, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA570.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Employ strong interpersonal and communication skills to facilitate effective exchange of information and collaboration with patients to obtain comprehensive medical history. (PPK, ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA570.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Perform physical examination using appropriate skills and techniques. (CTS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA570.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate interpersonal communication, examination, and counseling techniques in consideration for diverse patients, cultural sensitivities. (ICS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA570.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Document a patient encounter using appropriate medical terminology. (ICS, CTS, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA570.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Conduct patient encounter in professional manner. (PPK, ICS, PEP, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA575.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate among imaging modalities, including Ultrasound, X-ray, CT, MRI, Nuclear Medicine, Electrocardiogram, and Fluoroscopy, by explaining their indications and limitations. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA575.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Detect abnormalities on Ultrasound, X-ray, CT, MRI, Nuclear Medicine, Electrocardiogram, and Fluoroscopy by examining key diagnostic features. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA575.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Interpret X-ray images of the chest and abdomen for patient assessment and diagnosis by identifying abnormal findings and analyzing their clinical significance. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA575.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select the most appropriate imaging modality based on clinical signs, symptoms, and suspected diagnosis, justifying the choice based on evidence-based guidelines. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA575.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Recognize when to refer patients for advanced imaging and specialist radiologic consultation to ensure comprehensive, quality care. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA580.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select a prioritized differential diagnosis for medical and surgical presentations using foundational clinical science knowledge. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA580.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate key age-appropriate clinical findings in patients across the lifespan (including infants, children, adolescents, adults and the elderly) presenting with acute or chronic complaints. (CTS, ICS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA580.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate disorders in Gastroenterology, Genitourinary and Gynecology based on clinical presentation, prognosis, or complications. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA580.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**

Select the most appropriate diagnostic study to refine the working diagnosis in a clinical scenario. (CTS, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA580.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Determine the most appropriate patient-centered management plan for acute, chronic, and emergent conditions. (PPK, CTS, ICS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA585.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Explain the principles of pharmacokinetics and pharmacodynamics as they relate to drug action and patient care. (PPK1)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA585.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate the therapeutic uses, mechanisms of action, and adverse effects of pharmacologic agents used in antimicrobial therapy. (PPK1)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA585.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply evidence-based guidelines to select appropriate pharmacologic treatments for diverse patient populations. (PPK3, SPH1)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA585.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate proficiency in integrating pharmacologic knowledge into comprehensive patient care plans across multiple organ systems. (PPK1, PPK3, CRPS1, SPH4)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA590.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Employ strong interpersonal and communication skills to facilitate effective exchange of information and collaboration with patients to obtain comprehensive medical history.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA590.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Perform physical examination using appropriate skills and techniques.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA590.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate interpersonal communication, examination, and counseling techniques in consideration for diverse patients, cultural sensitivities.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA590.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Document a patient encounter using appropriate medical terminology.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA590.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Conduct patient encounter in professional manner.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA595.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate among imaging modalities, including Ultrasound, X-ray, CT, MRI, Nuclear Medicine, Electrocardiogram, and Fluoroscopy, by explaining their indications and limitations. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA595.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Detect abnormalities on Ultrasound, X-ray, CT, MRI, Nuclear Medicine, Electrocardiogram, and Fluoroscopy by examining key diagnostic features. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA595.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Interpret X-ray images of the chest and abdomen for patient assessment and diagnosis by identifying abnormal findings and analyzing their clinical significance. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA595.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select the most appropriate imaging modality based on clinical signs, symptoms, and suspected diagnosis, justifying the choice based on evidence-based guidelines. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA595.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
5. Recognize when to refer patients for advanced imaging and specialist radiologic consultation to ensure comprehensive, quality care. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA600.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select a prioritized differential diagnosis for medical and surgical presentations using foundational clinical science knowledge. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA600.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate key age-appropriate clinical findings in patients across the lifespan (including infants, children, adolescents, adults and the elderly) presenting with acute or chronic complaints. (CTS, ICS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA600.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate disorders in Obstetrics, Endocrinology, and Dermatology based on clinical presentation, prognosis, or complications. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA600.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select the most appropriate diagnostic study to refine the working diagnosis in a clinical scenario. (CTS, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA600.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Determine the most appropriate patient-centered management plan for acute, chronic, and emergent conditions. (PPK, CTS, ICS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA605.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Explain the principles of pharmacokinetics and pharmacodynamics as they relate to drug action and patient care. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA605.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate the therapeutic uses, mechanisms of action, and adverse effects of pharmacologic agents used in treatment of gynecologic, reproductive, neuromuscular, autonomic diseases and pain control/anesthetics. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA605.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply evidence-based guidelines to select appropriate pharmacologic treatments for diverse patient populations. (PPK, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA605.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate proficiency in integrating pharmacologic knowledge into comprehensive patient care plans across multiple organ systems. (PPK, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA610.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Employ strong interpersonal and communication skills to facilitate effective exchange of information and collaboration with patients to obtain comprehensive medical history.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA610.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Perform physical examination using appropriate skills and techniques.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA610.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate interpersonal communication, examination, and counseling techniques in consideration for diverse patients, cultural sensitivities.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA610.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Document a patient encounter using appropriate medical terminology.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA610.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Conduct patient encounter in professional manner.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA615.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate among imaging modalities including: Ultrasound, X-ray, CT, MRI, Nuclear Medicine, Electrocardiogram, and Fluoroscopy, by explaining their indications and limitations. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA615.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Detect abnormalities on Ultrasound, X-ray, CT, MRI, Nuclear Medicine, Electrocardiogram, and Fluoroscopy by examining key diagnostic features. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA615.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Interpret X-ray images of the chest and abdomen for patient assessment and diagnosis by identifying abnormal findings and analyzing their clinical significance. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA615.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select the most appropriate imaging modality based on clinical signs, symptoms, and suspected diagnosis, justifying the choice based on evidence-based guidelines. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA615.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Recognize when to refer patients for advanced imaging and specialist radiologic consultation to ensure comprehensive, quality care. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA617.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Describe principles of sterile technique, patient safety, informed consent, personal protection from blood borne pathogens, and error reduction for clinical procedures. (PPK, ICS, CTS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA617.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify indications and contraindications for the basic procedures covered in this course. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA617.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate at entry level competency the basic procedural skills, including injections, suturing, wound management, and minor surgical interventions. (CTS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA620.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select a prioritized differential diagnosis for medical and surgical presentations using foundational clinical science knowledge. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA620.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate key age-appropriate clinical findings in patients across the lifespan (including infants, children, adolescents, adults and the elderly) presenting with acute or chronic complaints. (CTS, ICS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA620.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate disorders in Orthopedics and Behavioral health based on clinical presentation, prognosis, or complications. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA620.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Use evidence-based diagnostic reasoning to select appropriate laboratory, imaging, and other diagnostic studies, interpret results, and refine the working diagnosis. (CTS, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA620.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Develop patient centered management plans for acute, chronic, and emergent conditions across organ systems involving pharmacologic and nonpharmacologic interventions as appropriate. (PPK, CTS, ICS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA625.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Explain the principles of pharmacokinetics and pharmacodynamics as they relate to drug action and patient care. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA625.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate the therapeutic uses, mechanisms of action, and adverse effects of pharmacologic agents used in treatment of endocrine, hematologic, dermatologic, and allergic diseases. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA625.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply evidence-based guidelines to select appropriate pharmacologic treatments for diverse patient populations. (PPK, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA625.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate proficiency in integrating pharmacologic knowledge into comprehensive patient care plans in endocrinology, hematology, dermatology, and allergic diseases. (PPK, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA627.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify indications and contraindications for the procedures covered in this course. (PPK) See Appendix A for a list of procedures.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA627.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate at entry level competency the basic procedural skills including essential vascular, nervous system, respiratory, and intraoperative procedures. (CTS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA627.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Integrate procedural decision-making and skills to manage emergency, operative, and critical care scenarios and effectively. (PPK, ICS, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA630.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply structured critical thinking strategies to identify relevant history, physical examination findings, and basic diagnostic data in clinical case scenarios. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA630.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Analyze patient presentations by distinguishing pertinent positives and negatives. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA630.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Use critical thinking techniques to generate, compare, and prioritize reasonable differential diagnoses using evidence in clinical case scenarios. (PPK, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA630.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Develop an assessment and treatment plan that includes appropriate next diagnostic steps, first-line management considerations, ongoing follow-up considerations, and rationale. (PPK, CTS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA630.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Communicate respectfully and professionally with peers and faculty supporting collaborative problem-solving in group settings. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA635.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify risk factors and social, environmental, and behavioral determinants of health, and explain their role in disease causation using contemporary epidemiologic frameworks. (SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA635.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Describe the design and implementation of preventive screening recommendations and immunization schedules for defined populations across the lifespan. (SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA635.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Communicate population health concepts, data, and intervention strategies clearly to patients, clinical teams, and community audiences. (SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA635.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Integrate public health principles — disease prevention, health promotion, and surveillance — into clinical practice to reduce the burden of chronic and communicable disease. (SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA635.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify community resources that address the needs of patients and caregivers and apply them to support disease management and improve outcomes. (SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA635.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Advocate for policies and practices that promote health equity and reduce health disparities, particularly for marginalized and disadvantaged populations. (SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA640.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select a prioritized differential diagnosis for medical and surgical presentations using foundational clinical science knowledge. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA640.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify key age-appropriate clinical findings in patients across the lifespan (including infants, children, adolescents, adults and the elderly) presenting with acute or chronic complaints. (CTS, ICS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA640.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate disorders in Geriatrics and Pediatrics based on clinical presentation, prognosis, or complications. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA640.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select the most appropriate diagnostic study to refine the working diagnosis in a clinical scenario. (CTS, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA640.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select the most appropriate patient-centered management plan for acute, chronic, and emergent conditions. (PPK, CTS, ICS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA645.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Explain the principles of pharmacokinetics and pharmacodynamics as they relate to drug action and patient care. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA645.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate the therapeutic uses, mechanisms of action, and adverse effects of pharmacologic agents used in treatment of toxicology and behavioral health. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA645.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply evidence-based guidelines to select appropriate pharmacologic treatments for diverse patient populations. (PPK, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA645.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate proficiency in integrating pharmacologic knowledge into comprehensive patient care plans across the subjects of toxicology and behavioral health. (PPK, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA650.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply structured critical thinking strategies to identify relevant history, physical examination findings, and basic diagnostic data in clinical case scenarios. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA650.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Analyze patient presentations by distinguishing pertinent positives and negatives. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA650.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Use critical thinking techniques to generate, compare, and prioritize reasonable differential diagnoses using evidence in clinical case scenarios. (PPK, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA650.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Develop an assessment and treatment plan that includes appropriate next diagnostic steps, first-line management considerations, ongoing follow-up considerations, and rationale. (PPK, CTS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA650.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Communicate respectfully and professionally with peers and faculty supporting collaborative problem-solving in group settings. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA655.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate foundational knowledge of surgical anatomy, wound healing, aseptic technique, and perioperative care. (PPK, CTS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA655.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply principles of surgical patient evaluation, including preoperative assessment, informed consent, and postoperative management to case scenarios. (PPK, CTS, ICS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA655.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify and manage surgical and traumatic conditions across body systems. (PPK, CTS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA655.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Recognize, assess, and stabilize patients presenting with life-threatening medical and surgical emergencies. (PPK, ICS, CTS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA655.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Integrate evidence-based medicine and clinical reasoning in developing differential diagnoses and treatment plans. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA660.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify and explain research methodologies used in medical research, including qualitative, quantitative, and mixed methods of approaches. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA660.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Explain the ethical and legal issues related to conducting and reporting medical research, including informed consent, patient confidentiality, and conflicts of interest. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA660.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate the ability to critically appraise the strengths and limitations of research designs. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA660.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Develop the skills to critically evaluate the validity, reliability, and applicability of research studies and clinical trials. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA660.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Integrate evidence-based medicine principles into clinical decision-making, using current best evidence to guide patient care. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA660.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Develop the ability to formulate clinical questions, search for relevant evidence, and apply findings to clinical scenarios. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA660.07

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Describe the fundamental principles and methodologies of quality improvement (QI) in healthcare, including Plan-Do-Study-Act (PDSA) cycles, Lean, and Six Sigma. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA660.08

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify areas for improvement within healthcare settings by analyzing clinical processes, patient outcomes, and system inefficiencies. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA660.09

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Develop the skills to collect and analyze data related to healthcare quality and performance, using appropriate tools and techniques to identify trends, root causes, and opportunities for improvement. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA660.10

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Design and implement evidence-based quality improvement plans, including setting SMART (Specific, Measurable, Achievable, Relevant, Time-bound) goals and identifying key performance indicators. (PPK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA670.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Analyze ethical principles and the dilemmas that may arise in clinical practice and develop solutions for ethical issues. (PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA670.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Define key characteristics of professionalism and patient protection. (PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA670.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Describe the impact of the principles of value-based care on patient outcomes and healthcare costs. (PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA670.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate the ability to identify, assess, and mitigate potential risks in clinical practice utilizing risk management strategies. (PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA670.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Recognize how cultural, social, and personal values impact ethical decision-making. (PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA670.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate the ethical considerations in end-of-life care, including advanced directives, palliative care, and the role of the PA in supporting patients and families during these decisions. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA670.07

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Defend the PA's role within the healthcare team and how they effectively collaborate within the team. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA675.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate the ability to work effectively within interprofessional teams to develop and implement patient-centered care plans (ICS).

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA675.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify and explain the unique roles and contributions of healthcare professionals in delivering comprehensive and coordinated care. (PEP, SPH).

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA675.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Analyze complex clinical cases to identify care plans (PPK, CRPS, ICS, CTS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA675.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Exhibit leadership skills in advocating for patient needs and team-based solutions (PEP).

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA675.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Reflect on personal and team performance during interprofessional interactions to identify areas for growth (PEP).

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA710.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Utilize didactic medical knowledge to formulate appropriate diagnostic and management strategies for selected clinical challenges, demonstrated during OSCEs. (PPK, ICS, CTS, PEP, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA710.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Complete professional preparation activities to prepare for transition into entry-level PA practice. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA710.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate healthcare risk management strategies utilized within the healthcare setting. (PEP, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA710.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply specialty-specific clinical and technical skills required for SCPE participation during selected supervised clinical practice experiences and clinical scenarios. (PPK, ICS, CTS, PEP, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA710.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Successfully complete Physician Assistant National Certifying Exam (PANCE) preparatory assignments to refine test-taking strategies. (PPK, CTS, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA710.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Display professional behavior and effective communication during faculty-led small group debrief sessions. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA720.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply specialty-specific clinical and technical skills required for SCPE participation during selected supervised clinical practice experiences and clinical scenarios. (PPK, ICS, CTS, PEP, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA720.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Successfully complete Physician Assistant National Certifying Exam (PANCE) preparatory assignments to refine test-taking strategies. (PPK, CTS, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA720.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Display professional behavior and effective communication during faculty-led small group debrief sessions. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA720.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Utilize didactic medical knowledge to formulate appropriate diagnostic and management strategies for selected clinical challenges, demonstrated during OSCEs. (PPK, ICS, CTS, PEP, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA720.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Complete professional preparation activities to prepare for transition into entry-level PA practice. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA720.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate healthcare risk management strategies utilized within the healthcare setting. (PEP, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA730.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Deliver a concise, organized oral patient case presentation including integration of clinical reasoning. (PPK, ICS, CTS, PEP, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA730.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply specialty-specific clinical and technical skills required for SCPE participation during selected supervised clinical experiences and clinical scenarios. (PPK, ICS, CTS, PEP, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA730.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Successfully complete Physician Assistant National Certifying Exam (PANCE) preparatory assignments to refine test-taking strategies. (PPK, CTS, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA730.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Display professional behavior and effective communication during faculty-led small group debrief sessions. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA730.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Utilize didactic medical knowledge to formulate appropriate diagnostic and management strategies for selected clinical challenges, demonstrated during OSCEs. (PPK, ICS, CTS, PEP, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA730.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Complete professional preparation activities to prepare for transition into entry-level PA practice. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA730.07

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply medical billing and coding guidelines to clinical practice. (PEP, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA740.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply specialty-specific clinical and technical skills required for SCPE participation during selected supervised clinical practice experiences and clinical scenarios. (PPK, ICS, CTS, PEP, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA740.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Successfully complete Physician Assistant National Certifying Exam (PANCE) preparatory assignments to refine test-taking strategies. (PPK, CTS, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA740.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Display professional behavior and effective communication during faculty-led small group debrief sessions. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA740.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Utilize didactic medical knowledge to formulate appropriate diagnostic and management strategies for selected clinical challenges, demonstrated during OSCEs. (PPK, ICS, CTS, PEP, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA740.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Complete professional preparation activities to prepare for transition into entry-level PA practice. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA740.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply medical billing and coding guidelines to clinical practice. (PEP, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA750.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply specialty-specific clinical and technical skills required for SCPE participation during selected supervised clinical practice experiences and clinical scenarios. (PPK, ICS, CTS, PEP, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA750.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Successfully complete Physician Assistant National Certifying Exam (PANCE) preparatory assignments to refine test-taking strategies. (PPK, CTS, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA750.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Display professional behavior and effective communication during faculty-led small group debrief sessions. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA750.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Utilize didactic medical knowledge to formulate appropriate diagnostic and management strategies for selected clinical challenges, demonstrated during OSCEs. (PPK, ICS, CTS, PEP, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA750.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Complete professional preparation activities to prepare for transition into entry-level PA practice. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA750.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate healthcare delivery systems utilized within the healthcare setting. (PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA760.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Successfully complete Physician Assistant National Certifying Exam (PANCE) preparatory assignments to refine test-taking strategies. (PPK, CTS, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA760.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Display professional behavior and effective communication during faculty-led small group debrief sessions. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA760.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Utilize didactic medical knowledge to formulate appropriate diagnostic and management strategies for selected clinical challenges, demonstrated through an assignment. (PPK, ICS, CTS, PEP, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA760.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Complete professional preparation activities to prepare for transition into entry-level PA practice. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA760.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate health insurance utilized within the healthcare setting. (PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA760.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate clinical competence through the successful completion of a summative evaluation. (PPK, ICS, CTS, PEP, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA770.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Successfully complete Physician Assistant National Certifying Exam (PANCE) preparatory assignments to refine test-taking strategies. (PPK, CTS, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA770.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Display professional behavior and effective communication during faculty-led small group debrief sessions. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA770.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Complete professional preparation activities to prepare for transition into entry-level PA practice. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA770.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate clinical competence through the successful completion of a summative evaluation. (PPK, ICS, CTS, PEP, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA780.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Successfully complete Physician Assistant National Certifying Exam (PANCE) preparatory assignments to refine test-taking strategies. (PPK, CTS, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA780.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Display professional behavior and effective communication during faculty-led small group debrief sessions. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA780.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Complete professional preparation activities to prepare for transition into entry-level PA practice. (ICS, PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA780.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate clinical competence through the successful completion of a summative evaluation. (PPK, ICS, CTS, PEP, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA790.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply foundational and clinical medical knowledge on a practice PANCE exam in preparation for the PANCE. (PPK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA790.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate state licensure requirements from NCCPA certification and certification maintenance requirements. (PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA790.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify CME requirements and the PA's responsibility for maintaining certification, licensure, credentialing, and privileging. (PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA790.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Create a professional development plan that includes mentorship, leadership, continuing education, and involvement in PA professional organizations. (PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA790.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify ways to contribute to the PA profession through alumni engagement, preceptorship, community outreach, advocacy, and program support. (PEP, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA790.06

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Develop a personalized PANCE preparation plan that addresses study structure, test-day logistics, time management, wellness, and stress management strategies. (PEP)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA790.07

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Develop a capstone project with critical appraisal of current medical literature to create a quality improvement project addressing a specific clinical problem affecting PA practice. (PPK, ICS, PEP, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSPA.06.1-SPH

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**Custom Catalog Group**
Society and Population Health (SPH)

**College/School**
College of Health Science

**Outcome Statement**
Determine how social determinants of health, behavioral, and mental health impact health outcomes.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSPA.02.1-ICS

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**Custom Catalog Group**
Interpersonal and Communication Skills (ICS)

**College/School**
College of Health Science

**Outcome Statement**
Communicate effectively with patients and healthcare team members.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA510.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Explain the principles and steps of critical thinking and clinical reasoning, as they relate to clinical decision making. (CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA510.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply principles of critical thinking to analyze and interpret basic clinical case scenarios in a small-group setting. (MK, CRPS, ICS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA510.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate critical thinking to support clinical decision-making in early-stage patient evaluations. (MK, CRPS)

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSPA.01.1-MK

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**Custom Catalog Group**
Medical Knowledge (MK)

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate knowledge of biomedical and clinical sciences and apply it to patient care.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA520.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify both normal and abnormal human anatomical structures. (MK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA520.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Recognize the anatomical basis of clinical conditions. (MK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA520.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate clinical cases to determine the anatomical contributions to patient symptoms. (MK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA520.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Analyze the relationship between anatomical structures and pathological conditions. (MK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA525.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify normal human physiological processes. (MK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA525.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Identify key pathophysiological processes underlying diseases. (MK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA525.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Recognize cellular and systemic responses to disease and injury. (MK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA525.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply pathophysiological concepts to interpret clinical signs and symptoms. (MK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA525.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Analyze the relationship between disease mechanisms and diagnostic findings. (MK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA530.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate laboratory testing methods. (MK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA530.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Interpret laboratory results within the context of patient assessment and diagnosis, demonstrating the ability to recognize abnormal findings and their clinical significance. (MK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA530.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate knowledge of physiological and pathophysiologic processes for interpretation of laboratory medicine results. (MK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA530.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply critical thinking skills to laboratory medicine by utilizing sensitivity and specificity in selection and results of laboratory evaluations for medical decision-making. (MK, CRPS)

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSPA.03.1-CTS

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**Custom Catalog Group**
Clinical and Technical Skills (CTS)

**College/School**
College of Health Science

**Outcome Statement**
Conduct comprehensive and focused history-taking and physical examinations. Accurately perform technical skills.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA540.05

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select the most appropriate patient-centered management plan for acute, chronic, and emergent conditions. (MK, CTS, ICS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA540.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Differentiate EENT, Infectious Disease, and Pulmonology disorders based on clinical presentation, prognosis, or complications. (MK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA540.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Select a prioritized differential diagnosis for medical and surgical presentations using foundational clinical science knowledge. (MK, CRPS)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA545.04

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate proficiency in integrating pharmacologic knowledge into comprehensive patient care plans across multiple organ systems. (MK, CRPS, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA545.03

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Apply evidence-based guidelines to select appropriate pharmacologic treatments for diverse patient populations. (MK, SPH)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA545.02

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Evaluate the therapeutic uses, mechanisms of action, and adverse effects of pharmacologic agents used in antimicrobial therapy. (MK)

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA545.01

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**College/School**
College of Health Science

**Outcome Statement**
Explain the principles of pharmacokinetics and pharmacodynamics as they relate to drug action and patient care. (MK)

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSPA.05.1-CRPS

**Active?**
Yes

**Effective Start Term**
202608 E

**Effective Start Date**
Aug 31, 2026

**Custom Catalog Group**
Clinical Reasoning and Problem-Solving Abilities (CRPS)

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate an analytic approach to clinical care using the synthesis of information gained through the patient encounter, medical knowledge, and other sources (patient record, standards of care, and evidence-based medicine) to formulate comprehensive management plans.

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA550.01

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Health Science

**Outcome Statement**
Employ strong interpersonal and communication skills to facilitate effective exchange of information and collaboration with patients to obtain comprehensive medical history (ICS).

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA550.02

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**College/School**
College of Nursing

**Outcome Statement**
Perform physical examination using appropriate skills and techniques (CTS, CRPS).

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA550.05

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Conduct patient encounter in professional manner (MK).

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA550.04

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Document a patient encounter using appropriate medical terminology (PEP, MK).

## Outcome Details

**Choose Outcome Type**
Course Outcome

**Outcome Code**
MPA550.03

**Active?**
Yes

**Effective Start Term**
202607 E

**Effective Start Date**
Jul 27, 2026

**Outcome Statement**
Demonstrate interpersonal communication, examination, and counseling techniques in consideration for diverse patients and cultural sensitivities (MK, ICS, SPH).

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSPA.04.1-PEP

**Active?**
Yes

**Effective Start Date**
May 27, 2026

**Custom Catalog Group**
Professionalism and Ethical Practice (PEP)

**College/School**
College of Health Science

**Outcome Statement**
Demonstrate professionalism consistently. Identify implicit bias and act with cultural humility to patients and healthcare team members.

For additional information about the program link to: https://www.ecpi.edu/programs/master-science-physician-assistant. To see the Student Consumer Information link to https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

# Program Goals

## MSPA Program Goals

1. Provide a challenging and innovative learning environment where students gain the knowledge and skills necessary for entry-level PA practice.
2. Prepare graduates to practice in various settings and with various healthcare professionals to reflect the versatility and team-based nature of the PA profession.
3. Attract a cohort of students who will promote diversity in the PA profession.
4. Prepare students who are committed to personal and professional growth.

The effectiveness of the Program in meeting its Goals will be published promptly after the graduation of the inaugural class in 2028.

## Requirements

### Simple Requirements

**Program Requirements**

#### Program Requirements:

To receive the Master of Science in Physician Assistant students must earn 121 semester credit hours. The program requires a minimum of 7 semesters, which is equivalent to 24 months or 100 weeks of instruction. The program requirements are as follows:

**Didactic Curriculum Requirements**

#### Type
Completion Requirement

Didactic Courses

70 semester credit hours

**Complete ALL of the following Courses:**

- MPA500 - Clinical Gross Anatomy I
- MPA505 - Physiology and Pathophysiology I
- MPA510 - Critical Thinking I
- MPA520 - Clinical Gross Anatomy II
- MPA525 - Physiology and Pathophysiology II
- MPA530 - Laboratory Medicine
- MPA540 - Clinical Medicine I
- MPA545 - Pharmacology I
- MPA550 - History and Physical I
- MPA560 - Clinical Medicine II
- MPA565 - Pharmacology II
- MPA570 - History and Physical Exam II
- MPA575 - Diagnostic Medicine I
- MPA580 - Clinical Medicine II
- MPA585 - Pharmacology III
- MPA590 - History and Physical Exam III
- MPA595 - Diagnostic Medicine II
- MPA600 - Clinical Medicine IV
- MPA605 - Pharmacology IV
- MPA610 - History and Physical Examination IV
- MPA615 - Diagnostic Medicine III
- MPA617 - Clinical Skills I
- MPA620 - Clinical Medicine V
- MPA625 - Pharmacology V
- MPA627 - Clinical Skills II
- MPA630 - Critical Thinking II
- MPA635 - Population Health and Epidemiology
- MPA640 - Clinical Medicine VI
- MPA645 - Pharmacology VI
- MPA650 - Critical Thinking III
- MPA655 - Fundamentals of Surgery and Emergency Medicine
- MPA660 - Research/Evidence-Based Medicine
- MPA665 - Clinical Preparation
- MPA670 - Ethics and Professional Practice Issues
- MPA675 - Interprofessional Case Seminar

**Clinical Curriculum Requirements**

#### Type
Completion Requirement

Clinical Requriements

51 semester credit hours

**Complete ALL of the following Courses:**

- MPA700 - Clinical Seminar I
- MPA705 - Family Medicine
- MPA710 - Clinical Seminar II
- MPA715 - Internal Medicine
- MPA720 - Clinical Seminar III
- MPA725 - Adult Specialty Medicine
- MPA730 - Clinical Seminar IV
- MPA735 - Emergency Medicine
- MPA740 - Clinical Seminar V
- MPA745 - Surgery
- MPA750 - Clinical Seminar VI
- MPA755 - Women's Health
- MPA760 - Clinical Seminar VII
- MPA765 - Behavioral and Mental Health Medicine
- MPA770 - Clinical Seminar III
- MPA775 - Pediatrics
- MPA780 - Clinical Seminar IX
- MPA785 - Elective
- MPA790 - Graduate Seminar
- MPA795 - Preceptorship

The Master of Science in Physician Assistant program has the following program requirements:

## Locations

Virginia Beach, VA (Health Science)

# Systems Engineering (MS) | Mechatronics Concentration

## Overview

### College
College of Technology

### Program CIP Code
14.2701

The Master of Science in Systems Engineering program prepares students for leadership positions in the technical management, development, and acquisition of complex technology systems. The program focuses on providing the knowledge and skills related to the planning, coordination, and overseeing of diverse group efforts in order to translate operational needs into a technology solution. The program provides a holistic view of systems engineering applicable to many industries and leading to the implementation of efficient, on budget, and reliable systems.

The curriculum provides graduates with needed knowledge and skills for an integrated approach to system analysis, design and implementation. The program examines topics, such as modern concepts & practices to modeling, requirements definition, specification and system architecture development, as well as test and evaluation processes applicable to complex systems.

Students apply acquired knowledge and concepts to the entire product life cycle, including operations, costs, scheduling, performance testing, manufacturing, and maintenance through an integrated approach that considers technical, business, and end-user needs.

## About Systems Engineering

Some positions may require background checks, drug screening, and/or security clearances, depending on the position and industry

The curriculum provides graduates with the education and foundation needed for employment in a variety of industries in the private and public sector. Systems Engineering graduates are employed in a wide spectrum of areas in positions such as: Systems Engineer, Test Engineer, Software Engineer, Engineering Manager, System Architect, and Electromechanical Engineer.

Students can earn a Master of Science in Systems Engineering degree with a concentration in Mechatronics in approximately 13 months through a year-round schedule.

## Outcomes

Upon successful completion of the Master of Science in Systems Engineering, graduates will be able to:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSSE.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Recognize the ongoing need for the identification, acquisition and application of new knowledge.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSSE.06.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Function effectively as a member or leader of a team that establishes goals, plans tasks, meets deadlines, creates a collaborative and inclusive environment, and communicates effectively with a range of audiences.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSSE.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Develop and conduct appropriate testing and evaluation processes to include data analysis and interpretation, quality assurance, and continuous improvement of complex systems.

## Outcome Details

**Choose Outcome Type**
Concentration Outcome

**Outcome Code**
MSSE-M.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Design and deploy engineering systems solutions for mechatronics applications.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSSE.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Demonstrate ethical and professional responsibility in making informed judgments that consider the global, cultural, social, environmental, economic, and other impacts of engineering solutions, as well as the implications for business operations, public health, and public safety.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSSE.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply the appropriate engineering design process to build complex systems that meet specified needs appropriate to the discipline from conception through decommissioning.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
MSSE.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Apply principles of business, engineering, science, and mathematics to identify, formulate, and solve engineering problems related to complex systems.

For additional information about the program link to: https://www.ecpi.edu/programs/systems-engineering-mechatronics-masters-degree . To see Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services, which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

## Simple Requirements

**Program Requirements**

The Master of Science in Systems Engineering degree requires 33 semester credit hours of study. There are five core courses (which includes two project courses), three concentration courses, and three elective courses. Each course is three semester credit hours. The program requires a minimum of 3 semesters, which is equivalent to 13 months or 50 weeks of instruction. The program requirements are as follows:

**Core Curriculum Requirements**

**Type**
Completion Requirement

Core Courses

15 semester credit hours

**Complete ALL of the following Courses:**

- SE510 - Systems Engineering Concepts
- SE520 - System Analysis, Design and Implementation
- SE530 - Testing and Evaluation
- SE650 - Systems Engineering Project I
- SE652 - Systems Engineering Project II

**Mechatronics Concentration Requirements**

**Type**
Completion Requirement

Concentration Courses

9 semester credit hours

**Complete ALL of the following Courses:**

- SE630 - Robotics Principles
- SE632 - Pattern Recognition and Machine Learning
- SE634 - Robotics in Automation and Control

**Elective Requirements**

### Type
Completion Requirement

Elective Courses

9 semester credit hours

**Complete ANY of the following Courses:**

- MGT520 - Organizational Behavior and Leadership
- MGT524 - Ethics and Corporate Responsibility
- MGT532 - Organizational Change and Development
- MGT560 - Strategic Human Resources Management
- MGT575 - Modern Management Models
- MGT604 - Management and Strategy
- MGT625 - Essentials of Leadership

The Master of Science in Systems Engineering | Mechatronics concentration has the following program requirements.

## Locations

Virginia Beach, VA (Main), Online

# Nursing (RN to BSN)

## Overview

### College
College of Nursing

### Program CIP Code
51.3801

The Bachelor of Science in Nursing is a degree completion program for registered nurses. The program provides a smooth transition for Registered Nurses furthering their education and careers, and serves the community and our society by meeting the need for increased numbers of highly skilled and knowledgeable nursing professionals. Program emphasis is on professional development in communication, critical thinking, community health, research, and leadership. Advanced standing credits are awarded for past nursing coursework. The program is delivered in an online format with a part-time or full-time option.

See also the following additional program information:

- **Admissions Requirements**, see Nursing | RN to BSN
- **Attendance Requirements:** Nursing | RN to BSN
- **Late Assignments** > *Program Specific Policies*: Late Assignments

The RN - BSN Nursing education program, Newport News, VA is accredited by the: Accreditation Commission for Education in Nursing (ACEN) - 3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326 - (404) 975-5000

The most recent accreditation decision made by the ACEN Board of Commissioners for the RN - BSN nursing program is Continuing Accreditation.

View the public information disclosed by the ACEN regarding these programs at http://www.acenursing.com/accreditedprograms/programsearch.htm

## About Nursing

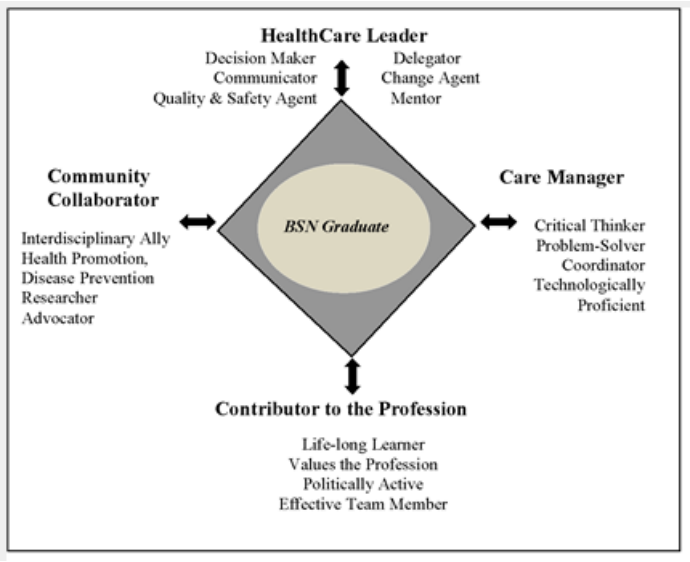
The Bachelor of Science in Nursing graduate is eligible for roles in leadership and management, community health, informatics, and specialty bedside practice. Nurses holding a Bachelor of Science in Nursing degree may pursue advanced education that may lead to specialized practice. Graduates of this program can work in many different healthcare settings, such as hospitals, skilled nursing facilities, and community health facilities.

A state-issued license to practice as an RN, a background check, drug screening, up-to-date immunizations, TB testing, and CPR certification are all often required of BSN graduates in their careers.

Nurses who have a Bachelor of Science in Nursing degree are often placed in leadership positions after they have gained significant work experience. Some positions include: Case Manager, Charge Nurse, or Unit Manager.

## Organizing Framework of the RN to BSN Program

This diagram represents the organizing framework of the RN to BSN program at ECPI University. The program is designed to build upon knowledge acquired in diploma and associate degree RN programs and offers courses that develop registered nurses to be healthcare leaders, community collaborators, care managers, and contributors to the profession. These four roles provide the basis for the program outcomes.




## Progression

Students must achieve a grade of C+ or higher in all NUR courses to progress. If a student fails a nursing course, they meet with the nursing program director. If a second failure occurs in any course in the program, the student is placed on probation. If a third failure occurs, the student is dismissed from the program. All catalog policies apply to RN to BSN students.

Students declare the part-time (PT) or full-time (FT) curriculum at the time of application. Students may request a one-time change from the FT to PT program by speaking to the nursing program director.

### Student Evaluation

The faculty uses the objectives of the overall program and individual courses as criteria for student evaluation. A developmental student portfolio is created across the curriculum and submitted as evidence of accomplishment of the program outcomes in the final nursing course. Student grades are determined by a variety of formative and summative evaluation methods.

## Outcomes

The objective of the curriculum is to produce baccalaureate-prepared, registered professional nurse graduates who can:

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
RNBSN.01.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential IV; BSN Essential V; BSN Essential VI; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Utilize critical thinking, clinical reasoning, and research in evidence-based decision making to improve nursing practice and patient outcomes across healthcare settings.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
RNBSN.05.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential IV; BSN Essential VI; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Integrate a variety of concepts related to trends and issues in contemporary nursing to foster professional role development.

### Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
RNBSN.11.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential IV; BSN Essential V; BSN Essential VI; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Demonstrate accountability and responsibility to nursing practice and value life-long learning and reflective practice.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
RNBSN.07.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential IV; BSN Essential V; BSN Essential VI; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Contribute to the profession by performing as a team member, delegating effectively, and mentoring other nurses.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
RNBSN.04.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential V; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Communicate with patients, families, and healthcare providers to coordinate care and advocate for vulnerable populations across healthcare settings.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
RNBSN.09.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential IV; BSN Essential V; BSN Essential VI; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Apply theories, interventions, and health promotion and disease prevention strategies to promote physically safe and healthy environments for culturally diverse individuals, families, and groups in a variety of community settings and situations.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
RNBSN.10.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential V; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Apply knowledge and skills specific to roles in education, clinical practice, or informatics for professional practice and career advancement.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
RNBSN.02.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential IV; BSN Essential V; BSN Essential VI; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Apply contemporary leadership and management concepts and theories to innovate practice environments, problem solve and effect change.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
RNBSN.08.1

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Statement**
Analyze the role of health care policy, politics, and quality improvement in promoting healthy populations and the nursing profession.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
RNBSN.06.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential II; BSN Essential VIII; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Evidence-Based Practice; QSEN Competency: Quality Improvement; QSEN Competency: Safety; QSEN Competency: Informatics

**Outcome Statement**
Analyze how advanced technologies may be used in practice to improve patient care.

## Outcome Details

**Choose Outcome Type**
Program Outcome

**Outcome Code**
RNBSN.03.0

**Active?**
Yes

**Effective Start Date**
Jan 1, 1999

**Outcome Tags**
BSN Essential V; QSEN Competency: Patient-Centered Care; QSEN Competency: Teamwork & Collaboration; QSEN Competency: Quality Improvement; QSEN Competency: Safety

**Outcome Statement**
Apply legal and ethical concepts, theories, and standards to professional nursing practice.

For additional information about the program http://www.ecpi.edu/medical/program/nursing-bachelor-degree/. To see the Student Consumer Information link to: https://www.ecpi.edu/student-consumer-services which provides additional information on the future careers, success, cost, and financing for this program. For information on the University Completion and Graduation Rates, please see About ECPI University on the ECPI website.

## Requirements

## Simple Requirements

| Program Requirements |
| --- |

To receive the Bachelor of Science in Nursing, students must earn a minimum of 120 credit hours, which includes 20 pre-requisite credits and 50 advanced standing credits from the required associate degree or diploma in nursing. The degree completion program consists of 50 semester credits, which can be completed in a minimum of 3 semesters, which is equivalent to 11 months or 45 weeks of instruction for the full-time option (2 courses per term). The program requirements are as follows:

**Prerequisite Course Requirements**

### Type
Prerequisite

### Additional Comments:
All courses must be greater than or equal to 100-level college courses only.

- College English (3 credit hours)
- College Algebra (3 credit hours)
- Anatomy & Physiology I & II (8 credit hours)
- Psychology (3 credit hours)
- Humanities (3 credit hours)

**Upper-Level Program Curriculum Requirements**

### Type
Completion Requirement

Upper-Level Courses

27 semester credit hours

**Complete ALL of the following Courses:**

- NUR300 - RN-BSN Orientation
- NUR302 - Foundations of Professional Nursing Practice
- NUR321 - Pathophysiology
- NUR340 - Health Assessment
- NUR350 - Nursing Research and Evidence-Based Practice
- NUR430 - Leading and Managing for Innovation
- NUR443 - Community Health Nursing
- NUR444L - Community Health Lab
- NUR456 - Senior Practicum
- NUR490 - Nursing Capstone

**Interdisciplinary Studies Requirements**

### Type
Completion Requirement

Interdisciplinary Courses

5 semester credit hours

**Complete ALL of the following Courses:**

- CIS108 - Office Applications
- HCA400 - Health Information Systems

**Upper-Level Arts and Sciences Requirements**

### Type
Completion Requirement

Upper-Level Arts and Sciences Courses*

18 semester credit hours

**Complete ALL of the following Courses:**

- CAP480 - Arts and Sciences Capstone
- COM115 - Principles of Communication

- ENG120 - Advanced Composition
- MTH140 - Statistics
- PSY300 - Human Growth and Development
- SOC100 - Introduction to Sociology

**For allowable substitutions of arts and sciences courses, see the Arts & Sciences Department page.*

The Bachelor of Science in Nursing (RN to BSN) has the following program requirements.

## Program Philosophy

The RN to BSN program believes that:

| |
|---|
| • Each individual is a unique person having dignity and worth. Individuals, as members of the family and the community, are shaped by cultural, physiological, psychosocial, spiritual, and developmental forces. The family and the community influence early beliefs and values of individuals, and in turn individuals contribute to the effective functioning of the family and community. |
| • Nursing is both an art and a science grounded in a social context and related to experiences with people in need. It is based on a specific body of nursing theory and principles from behavioral and social sciences. Nursing is an interpersonal process and involves the application of knowledge, technical and collaborative skills, critical thinking, and creative problem-solving. The focus of nursing is on caring for individuals, families, or client groups. By using the nursing process, nurses promote, maintain, and restore clients‘ health as well as provide compassionate care to the dying. As healthcare providers, nurses engage in a collaborative practice that focuses on outcomes and adheres to practice guidelines that ensure quality and access. |
| • Professional values and value-based interventions are fundamental to nursing education. As the basis for professional nursing practice, values and value-based actions may be viewed as ethically reflective practice that the nursing student uses to interact with patients, healthcare professionals, and society. |
| • Teaching and learning are life-long interactive processes through which active inquiry and participation result in a change in behavior. A teaching/learning process is facilitated when the learner and teacher share responsibility for outcomes. Learning is facilitated when content is presented in an orderly sequential manner (i.e. simple to complex, known to unknown, normal or abnormal, general to specific). |
| • Critical thinking, clinical competence, accountability, and a commitment to the value of caring is necessary to maintain or restore clients to their optimum state of health and to provide the support which allows death with dignity. As the provider of care, the nurse‘s commitment to client/family-centered care will facilitate successful preparation for practice in various healthcare settings. |
| • It is essential that the nurse have current knowledge in nursing concepts, principles, processes, and skills. Supportive of that knowledge is an understanding of health, acute and chronic health deviations, nutrition, pharmacology, communication, human development, teaching/learning principles, current technology, humanities, and biological, social, and behavioral sciences. |
| • The RN to BSN program builds on the fundamental knowledge and skills acquired in associate degree and diploma nursing programs. The BSN graduate is prepared to care for individuals as well as families, groups and communities utilizing evidence-based practice. The BSN graduate will be prepared to serve in the roles of healthcare leader, care manager, community collaborator, and contributor to the profession of nursing. |

## Program Purpose

The program is dedicated to providing education opportunities for qualified registered nurse students from diverse backgrounds in caring for individuals, families, and communities and preparing graduates for the practice in a variety of healthcare settings. A foundation for lifelong personal and professional learning is built upon a broad base of liberal arts and sciences, humanities, and nursing theory to assist students to develop ethically reflective professional nursing skills that will uphold the ideals of today‘s healthcare delivery system. Through evidence-based clinical decision-making in nursing practice the development of leadership skills, the professional registered nurse will be educated to service and benefit a multicultural society across the lifespan.

## Locations

Online

# All Courses

## ACC101 General Accounting (3)

### Description

### Course Description
This course explores how accounting information is used by non-financial managers. Emphasis is placed upon the interpretation of accounting information and how this important information contributes to the success of the firm.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CIS108 - Office Applications

**Corequisite**

**Type**
Corequisite

**None**

### Contact Hours

Lecture

45

# ACC160 Principles of Accounting I (3)

## Description

### Course Description
This course will provide students with a thorough introduction to fundamental accounting concepts and procedures and includes double-entry accounting, journal entries, the accounting cycle, and financial statements according to GAAP. The sole proprietorship business form is emphasized. Students will learn about accounting for buying and selling transactions, as well as how to prepare financial statements. Working with cash and internal controls are emphasized and accounts receivables and the appropriate journal entries are defined. Inventories, the required entries, and the affects they have on a business are examined in detail..

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CIS108 - Office Applications

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ACC161 Principles of Accounting II (3)

## Description

### Course Description
This course introduces students to additional Generally Accepted Accounting Procedures (GAAP) for sole proprietorships, partnerships and corporations. Students will learn how to calculate depreciation, account for interest income and expense, partnerships and corporations, bond and equity transactions, calculate cash flows, and analyze financial information.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC160 - Principles of Accounting I

## Contact Hours

Lecture

45

Lab

0

# ACC206 Personal Income Tax I (3)

## Description

### Course Description
This course introduces students to federal and state tax preparation for individuals. Students will learn how to calculate taxable income and deductions, such as wages, investment income, business income, tax deductions, tax credits, and itemized deductions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC161 - Principles of Accounting II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ACC309 Managerial Accounting for Managers (3)

## Description

### Course Description
This course introduces students to the foundations of managerial accounting – planning, control and decision making for managers. Students will learn cost behavior, cost-volume-profit relationships, job order and process costing, different cost accounting methods, differential analysis, budgeting, and profit-planning.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC161 - Principles of Accounting II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ACC312 Accounting for Business Decisions (3)

## Description

### Course Description
This course examines how accounting information impacts business operations, strategic decision making, and the achievement of organizational goals. Key roles of the managerial accounting discipline that analyze metrics, financial control, and enterprise-wide strategic planning are examined. The focus is on learning and exercising skills that help managers define, develop, and implement data-driven plans that can improve an organization’s financial performance. Students will learn how accounting-based financial information is generated, collected, organized and interpreted.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# ACC319 Intermediate Accounting I (3)

## Description

### Course Description
This class introduces students to more complex accounting situations, building upon the foundations of Principles of Accounting. Students will gain a thorough understanding of the sources of Generally Accepted Accounting Principles, the accounting cycle, financial reporting, the revenue cycle and revenue recognition, and the time value of money concepts.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC309 - Managerial Accounting for Managers

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ACC321 Intermediate Accounting II (3)

## Description

### Course Description
This course is the second course of three in the Intermediate Accounting series, and includes an in-depth study of the following Balance Sheet items: Current Assets, such as Cash & Receivables, and Inventory; current liabilities, such as Accounts Payable and short-term notes; Fixed Assets and Intangibles; and Long-term Liabilities, such as Notes payable and Bonds. GAAP, and will be able to compare this process with the International Financial Reporting Standards with respect to these Balance Sheet categories.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC319 - Intermediate Accounting I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ACC322 Intermediate Accounting III (3)

## Description

### Course Description
This course is the final course of three in the Intermediate Accounting series. Students will learn how to account for income taxes, pensions and post-retirement benefits; equity transactions; investments; leases; accounting changes and error corrections. Additionally students will use the cash flow statement for analysis.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC321 - Intermediate Accounting II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ACC330 Cost Accounting (3)

## Description

### Course Description
This class introduces students to topics related to cost determination such as cost analysis, estimation and management. Students will learn management control systems, planning and budgeting, variance analysis, Net Present Value analysis and nonfinancial measures of performance.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC309 - Managerial Accounting for Managers

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ACC470 Auditing I (3)

## Description

### Course Description
This course introduces students to the philosophy and environment of the auditing profession. Students will learn the economic purpose of auditing, auditing standards, professional conduct, legal liability, audit planning, evidence and sampling, and internal control.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC322 - Intermediate Accounting III

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ACC471 Auditing II (3)

## Description

### Course Description
This course covers the process and methodology of auditing the business transaction cycles. Students will learn about sampling, completing the audit engagement, audit reports, and other assurance services that auditors routinely provide. Students will also examine the role of ethics in auditing, as well as the factors that can potentially bias an auditor’s judgment.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC470 - Auditing I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ACC480 Advanced Accounting I (3)

## Description

### Course Description
This course introduces students to financial accounting topics that relate to multi-corporate entities. Students will learn the concepts and procedures for preparing consolidated financial statements for affiliated corporate groups and intercompany transfers.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC322 - Intermediate Accounting III

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ACC481 Advanced Accounting II (3)

## Description

### Course Description
This course introduces students to additional accounting issues for corporations, partnerships and not-for-profit and governmental organizations. Students will learn how to account for foreign currency transactions, multi-national organizations, public reporting, partnerships, governmental and not-for-profit organizations, and corporations in financial difficulty.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC480 - Advanced Accounting I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ACC550 Accounting for Managers (3)

## Description

### Course Description
This course applies accounting tools and concepts to allow managers to make sound business decisions. Students learn to evaluate organizational performance based on accounting information and control. Reading and interpreting financial statements and reports is emphasized. Additional topics include cost allocation and budgeting, cash flow analysis, profit analysis and taxation. The importance of business ethics figures prominently throughout the course.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MGT520 - Organizational Behavior and Leadership

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# ACS140 CyberPython: AI and Automation for Security (6)

## Description

### Course Description
This course introduces students to Python programming and its applications in cybersecurity and artificial intelligence. Students will learn the fundamentals of Python scripting for automating system and network tasks, enhancing security configurations, and interacting with command-line functions. Additionally, the course explores AI concepts, including machine learning, neural networks, and data analysis, with a focus on cybersecurity applications. Students will gain hands-on experience using Python to implement AI-driven threat detection, automate cybersecurity defense strategies, and optimize software security processes. By the end of the course, students will be equipped with the skills to develop intelligent automation solutions for cybersecurity challenges.

### Credit Hours

6

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACS100 - Computing Fundamentals

**Corequisite**

**Type**
Completion Requirement

**None**

## Contact Hours

| Lecture |
| --- |
| 90 |

# ACS460 SOC Analyst (5)

## Description

### Course Description
This course introduces students to the core functions of a Security Operations Center (SOC), including threat detection, incident response, and security monitoring. Students will explore security operations workflows, emerging cybersecurity threats, and the role of AI and automation in modern security practices. The course emphasizes analytical thinking, problem-solving, and teamwork within SOC environments. Through hands-on exercises and simulations, students will develop the foundational skills needed to support cybersecurity operations in a variety of settings.

### Credit Hours

5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACS400 - Ethical Hacking with AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 75 |

# ACS100 Computing Fundamentals (6)

## Description

### Course Description
This course provides an introduction to the major hardware and software components of computers, operating systems, and application software. Students will learn about hardware including bus systems, I/O interfaces, system resources, and CPUs. They will also learn about system software including operating systems, drivers, virtualization, and system security.

### Credit Hours

6

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 90 |

# ACS130 Introduction to Programming and Automation (6)

## Description

### Course Description
This course will provide students with the knowledge and skills needed to use programming tools for creating scripts and programs necessary for automating operating and network system commands to efficiently perform common configuration and security tasks. Students will be aware of and able to use libraries that allow access to command-line functions.

### Credit Hours

6

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACS100 - Computing Fundamentals

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 90 |

# ACS150 Networking Fundamentals (6)

## Description

### Course Description
This course will provide students with an introduction to the basic concepts, technology, and terminology used in computer networks. As part of the course objectives, students will learn to configure network devices, connect them, and troubleshoot problems. Students will also learn to implement and troubleshoot common issues found in modern networks.

### Credit Hours

6

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACS100 - Computing Fundamentals

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 90 |

# ACS200 Security Fundamentals with AI (6)

## Description

### Course Description
This course introduces the principles of cybersecurity with an emphasis on maintaining secure and resilient computing environments. Students explore foundational concepts of cyber defense, including threat identification, vulnerability management, and incident response. Special focus is given to the role of artificial intelligence (AI) in modern security practices, where students learn how AI-driven tools can detect, analyze, and mitigate evolving threats. Through applied exercises, students develop skills in safeguarding systems, evaluating security controls, and integrating AI-augmented methods into defense strategies. This course provides both theoretical knowledge and practical experience to prepare students for the CompTIA Security+ certification and entry-level roles in cybersecurity.

### Credit Hours

6

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACS150 - Networking Fundamentals

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 90 |

# ACS200L Advanced Cybersecurity with AI Lab (1)

## Description

### Course Description
This lab course reinforces advanced cybersecurity skills through immersive, hands-on practice aligned with the CompTIA Security+ certification domains. Students apply knowledge of network security, access control, risk management, and incident response in simulated environments that mirror real-world challenges. Emphasis is placed on using AI-enabled tools to identify vulnerabilities, analyze system behavior, and strengthen defensive strategies against evolving threats. By working directly with industry-standard technologies, students gain practical experience in configuring security controls, mitigating risks, and applying AI-augmented methods to enhance efficiency and accuracy. This lab prepares students to confidently demonstrate Security+ competencies while building the applied skills employers seek in cybersecurity professionals.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACS200 - Security Fundamentals with AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lab |
| --- |
| 30 |

# ACS225 Windows Administration (6)

## Description

### Course Description
This course provides students with the knowledge to configure and manage Windows Client and Server Operating Systems within a network environment. Students will use Windows system tools to install, configure, administer and support the primary services in the Windows Server and Client operating systems. Students will also manage file storage, user accounts, and local security.

### Credit Hours

6

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACS150 - Networking Fundamentals

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 90 |

# ACS250 Linux Administration (6)

## Description

### Course Description
This course will provide students with essential knowledge to begin using and managing Linux for network security, network connectivity issues, problem diagnostics, system commands and utilities. Students will learn about open source software, its advantages and how it enhances system security in a complex IT industry. Students will learn to configure a Linux system, installing and configuring web, ftp, and DNS services, providing Windows.

### Credit Hours

6

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACS150 - Networking Fundamentals

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 90 |

# ACS300 Routing and Switching Fundamentals (6)

## Description

### Course Description
This course will provide students with intermediate skill level topics for configuring network routers and switches. Students will learn network design, variable length subnets, network address translation, details on distance vector and link state routing protocols. Students will use hands-on practice and skill building exercises using physical and simulated routers and switches. Students will learn how to design and build routed networks using current various routing protocols.

### Credit Hours

6

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACS150 - Networking Fundamentals

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 90 |

# ACS325 Cloud Administration with AI Tools (6)

## Description

### Course Description
This course introduces the fundamentals of cloud computing architecture, virtualization, and security within modern datacenter environments. Students examine cloud service models, deployment strategies, storage solutions, and virtualization management while applying best practices for scalability and security. Special emphasis is placed on how artificial intelligence (AI) tools enhance cloud operations by supporting system monitoring, workload optimization, and proactive threat detection. Through guided projects and practical scenarios, students gain experience in configuring cloud environments, evaluating performance, and applying AI-augmented methods to strengthen reliability and security. By bridging foundational knowledge with applied skills, this course prepares students for roles in cloud administration, security, and AI-enabled infrastructure management.

### Credit Hours

6

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACS300 - Routing and Switching Fundamentals

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 90 |

# ACS400 Ethical Hacking with AI (6)

## Description

### Course Description
This course develops ethical hacking and penetration testing skills with a focus on AI-augmented tools that support efficiency and accuracy in security assessments. Students learn how to generate and refine command-line options for scanning, exploit detection, and other penetration testing activities using AI-enhanced methods. Emphasis is placed on identifying vulnerabilities, documenting findings, and applying appropriate countermeasures in alignment with legal and ethical standards. Through hands-on labs and simulated attack scenarios, students gain practical experience with industry-standard techniques and AI-driven workflows that mirror real-world practices. As part of the penetration testing learning path, this course builds competencies that prepare students for the EC-Council Certified Ethical Hacker (CEH) certification and entry-level roles in offensive security.

### Credit Hours

6

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACS225 - Windows Administration
  **AND** ACS250 - Linux Administration

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 90 |

# ACS452 Capstone I (Competition) (2)

## Description

### Course Description
This course is designed to enable students to assimilate the broad educational themes embedded in the major and core program to support the outcomes of the B.S. Degree in Cyber and Network Security. Students will participate in competitive simulations to demonstrate those skills.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACS400 - Ethical Hacking with AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lab |
| --- |
| 60 |

# ACS453 Capstone II (Project) (3)

## Description

### Course Description
This course is designed to enable students to assimilate the broad educational themes embedded in the major and general education program to support the outcomes of the B.S. Degree in Computer & Information Science, major in Cyber and Network Security. As such, the course is constructed to require students to interact as teams, and develop and present group reports and presentations that synthesize and support the expected student outcomes in the general education and major core curriculum. Students are required to design, plan, and defend an appropriate project approved by the professor that will enable them to demonstrate individual and group mastery of skills and competencies learned across the entire curriculum. The course helps the students to develop knowledge and skill that may facilitate their career growth as they progress through the ranks toward IT leadership positions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Program Director's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# APP491 Cybersecurity Apprenticeship I (0)

## Description

### Course Description
The purpose of this course is to provide bachelor's degree students with real-world apprenticeship experience in cybersecurity. The apprenticeship is approved by the Dean of the School of Computer Information Science and managed by a faculty advisor at the student's campus. All grades are assigned by the faculty advisor. Students are expected to complete a minimum of 2000 hours of on-the-job work assignments throughout the length of their apprenticeship, provide all paperwork related to the apprenticeship, including competency-based checklists, weekly observations and work attendance reports.

### Credit Hours

0

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Completion of 6 terms in Bachelor's program**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Apprenticeship

334

# APP492 Cybersecurity Apprenticeship II (0)

## Description

### Course Description
The purpose of this course is to provide bachelor's degree students with real-world apprenticeship experience in cybersecurity. The apprenticeship is approved by the Dean of the School of Computer Information Science and managed by a faculty advisor at the student's campus. All grades are assigned by the faculty advisor. Students are expected to complete a minimum of 2000 hours of on-the-job work assignments throughout the length of their apprenticeship, provide all paperwork related to the apprenticeship, including competency-based checklists, weekly observations and work attendance reports.

### Credit Hours

0

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- APP491 - Cybersecurity Apprenticeship I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Apprenticeship

334

# APP493 Cybersecurity Apprenticeship III (0)

## Description

### Course Description
The purpose of this course is to provide bachelor's degree students with real-world apprenticeship experience in cybersecurity. The apprenticeship is approved by the Dean of the School of Computer Information Science and managed by a faculty advisor at the student's campus. All grades are assigned by the faculty advisor. Students are expected to complete a minimum of 2000 hours of on-the-job work assignments throughout the length of their apprenticeship, provide all paperwork related to the apprenticeship, including competency-based checklists, weekly observations and work attendance reports.

### Credit Hours

0

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- APP492 - Cybersecurity Apprenticeship II

**Corequisite**

**Type**
Corequisite

**None**

# APP494 Cybersecurity Apprenticeship IV (0)

## Description

### Course Description
The purpose of this course is to provide bachelor's degree students with real-world apprenticeship experience in cybersecurity. The apprenticeship is approved by the Dean of the School of Computer Information Science and managed by a faculty advisor at the student's campus. All grades are assigned by the faculty advisor. Students are expected to complete a minimum of 2000 hours of on-the-job work assignments throughout the length of their apprenticeship, provide all paperwork related to the apprenticeship, including competency-based checklists, weekly observations and work attendance reports.

### Credit Hours

0

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- APP493 - Cybersecurity Apprenticeship III

**Corequisite**

**Type**
Corequisite

**None**

# APP495 Cybersecurity Apprenticeship V (0)

## Description

### Course Description
The purpose of this course is to provide bachelor's degree students with real-world apprenticeship experience in cybersecurity. The apprenticeship is approved by the Dean of the School of Computer Information Science and managed by a faculty advisor at the student's campus. All grades are assigned by the faculty advisor. Students are expected to complete a minimum of 2000 hours of on-the-job work assignments throughout the length of their apprenticeship, provide all paperwork related to the apprenticeship, including competency-based checklists, weekly observations and work attendance reports.

### Credit Hours

0

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- APP494 - Cybersecurity Apprenticeship IV

**Corequisite**

**Type**
Corequisite

**None**

# APP496 Cybersecurity Apprenticeship VI (0)

## Description

### Course Description
The purpose of this course is to provide bachelor's degree students with real-world apprenticeship experience in cybersecurity. The apprenticeship is approved by the Dean of the School of Computer Information Science and managed by a faculty advisor at the student's campus. All grades are assigned by the faculty advisor. Students are expected to complete a minimum of 2000 hours of on-the-job work assignments throughout the length of their apprenticeship, provide all paperwork related to the apprenticeship, including competency-based checklists, weekly observations and work attendance reports.

### Credit Hours

0

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- APP495 - Cybersecurity Apprenticeship V

**Corequisite**

**Type**
Corequisite

**None**

# BAN317 Data Analytics, Machine Learning, and Business Forecasting (3)

## Description

### Course Description
This course introduces practical approaches to business forecasting and decision support using artificial intelligence and modern data tools. Students will work in cloud-based environments to analyze data using guided tools that support SQL-style operations and Python workflows. Key activities include structuring multi-tab datasets, creating KPI dashboards for cost, risk, and performance, and applying AI-assisted predictive models to inform business decisions. Learners will calculate and interpret forecasting and error metrics to evaluate scenarios and validate spreadsheet-based analyses. Emphasis is placed on using enhanced analytics platforms to run and interpret models, compare outcomes, and generate clear, stakeholder-ready reports. Throughout the course, students will practice responsible AI use by ensuring transparency, traceability, and reliability in their data-driven recommendations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# BAN325 Advanced Business Analytics and AI (3)

## Description

### Course Description
This course advances analytic practice with an emphasis on applied AI and sound evidence. Students design data pipelines and governance practices, test statistical assumptions, and build predictive models for managerial decisions. Coverage includes probability and distributions, hypothesis testing, correlation and evidence appraisal, and business intelligence. Students create and tune a simple neural network, compare it with baseline models, and document model iteration and versioning for a 1.0 release. The course also examines data management systems, data governance, and emerging topics such as blockchain for data integrity, with attention to ethics and responsible use.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB120 - Introduction to Python Programming
- MTH140 - Statistics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Apprenticeship

0

Clinical/Externship

0

# BAN327 Data Visualization and BI Tools with Applied AI (3)

## Description

### Course Description
This course builds practical skill with business analytics tools and introduces responsible AI assistance. Students design surveys, manage datasets, and build visualizations and dashboards for decision support. Topics include BI concepts, data collection methods, data quality and governance, visualization best practices, and action-plan development. Students also learn when and how to use AI assistants to draft survey items, document methods, suggest formulas or DAX, explain charts, and generate first-pass narratives. Emphasis is on verification, reproducible workflows, and human-in-the-loop review.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BAN325 - Advanced Business Analytics and AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# BAN385 AI and Data Mining with Python (3)

## Description

### Course Description
This course introduces data mining and introductory AI methods using Python for business decision-making. Students acquire, clean, and transform data; perform exploratory analysis; and build, tune, and compare predictive and descriptive models. Topics include feature engineering; supervised learning (linear and logistic regression, k-NN, decision trees); unsupervised learning (k-means clustering, association rules); model evaluation with train/validate/test splits and cross-validation; and communication of results to non-technical audiences. Work is implemented in Python (e.g., pandas, scikit-learn, matplotlib), with attention to documentation and reproducibility. Ethical considerations include privacy, bias, transparency, and appropriate model use.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BAN327 - Data Visualization and BI Tools with Applied AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# BAN390 Business Optimization: Linear, Integer, and Network Models (3)

## Description

### Course Description
This course develops a practical approach to optimization modeling for business decisions. Students learn to translate problems into decision variables, objectives, and constraints, then solve and interpret models using spreadsheet solvers. Coverage includes linear programming, blending and inventory models, network flow, scheduling with fixed and setup costs, integer and binary formulations, and goal programming for competing objectives. Emphasis is on model formulation, sensitivity and what-if analysis, and clear communication of results to decision makers. Ethical considerations focus on assumptions, fairness, and limits of optimization in real organizations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BAN385 - AI and Data Mining with Python

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# BAN400 Operations Analytics, AI, and Emerging Technologies (3)

## Description

### Course Description
This course develops operations analytics for real business decisions. Students frame problems, gather and validate data, and apply forecasting, network planning, inventory, scheduling, and risk analysis to propose improvements. Projects include a mixed-methods literature review, technology and ethics evaluation, and workflow visualization using diagramming tools. Emerging technologies such as AI, blockchain, RFID, cloud computing, robotics, and IoT are examined for sustainability, standards, and governance. Students convert analysis into an action plan for a workplace context and document methods with clear, reproducible reasoning.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BAN317 - Data Analytics, Machine Learning, and Business Forecasting

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# BAN485 Data Mining II: R, Python, and Applied AI (3)

## Description

### Course Description
This course develops practical data fluency for future business leaders through a low-code/no-code approach to Python and SQL. Students begin with no-code and visual tools to explore data, build queries, and generate reports, then progress to guided low-code applications using AI assistants, templates, and automation tools. Emphasis is placed on framing effective business questions, validating data sources, cleaning and organizing information, and transforming results into clear, actionable insights. Students examine how emerging technologies, including AI coding assistants, cloud data platforms, and automated reporting tools, support business decision-making while also considering accuracy, governance, ethics, and data privacy. Applied work throughout the course helps students connect data analysis practices to workplace contexts and document their processes in a clear, reproducible way.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BAN385 - AI and Data Mining with Python

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# BAN495 Business Analytics Modeling: Optimization and Simulation (3)

## Description

### Course Description
This course builds decision-making skill through management-science modeling. Students frame business problems, express them mathematically, and implement solutions using spreadsheet-based optimization, decision analysis, and Monte Carlo simulation. Coverage includes linear and integer formulations, sensitivity and scenario analysis, risk models, and effective technical reporting. The course also introduces machine-learning model tuning at a conceptual level to compare when optimization, simulation, or ML/AI methods are appropriate. An integrated “E-City” case synthesizes methods into actionable recommendations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BAN485 - Data Mining II: R, Python, and Applied AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# BIO101 Human Anatomy and Physiology I (3)

## Description

### Course Description
This course provides students with an introduction to the anatomy and physiology of the human body. Students will learn human anatomy, physiology, and pathology focusing on the chemistry of life; the cell and tissue structure; and the skeletal, muscular, integumentary, nervous and endocrine systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# BIO104 Human Anatomy and Physiology II (3)

## Description

### Course Description
This course concludes the comprehensive study of the anatomy and physiology of the human body. Students will learn human anatomy, physiology and pathology focusing on the cardiovascular, lymphatic, immune, respiratory, digestive, urinary, genetics and reproductive organ systems as it relates to health, disease, and healthcare.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# BIO111 Anatomy and Physiology with Terminology I (3)

## Description

### Course Description
This course is Part 1 of a two-part comprehensive course presenting the interrelationship of each body system. The course presents an integrated approach to human anatomy and physiology, microbiology, and pathology. It includes basic chemistry, physics, cell structure, cell physiology, metabolism, tissues, and integumentary, skeletal, muscular, endocrine and nervous systems as it relates to health sciences. This course is also designed to provide students entering the healthcare profession with skills to learn medical terminology. It focuses on basic techniques of medical word building and application of these techniques to acquire an extensive medical vocabulary.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO111L - Anatomy and Physiology with Terminology I Lab

## Contact Hours

Lecture

45

Lab

0

# BIO111L Anatomy and Physiology with Terminology I Lab (1)

## Description

### Course Description
This course is part one of a two-part comprehensive laboratory course accompanying the Anatomy and Physiology lecture course, designed to focus on aspects of the interrelationship of each body system. Laboratory exercises will includes basic chemistry, physics, cell structure, cell physiology, metabolism, tissues, and integumentary, skeletal, muscular, nervous, and endocrine systems as it relates to the human anatomy and its physiology. The laboratory component of this course provides students with hands-on experiences, as opposed to using only workbook and/or computer-generated activities that could be done in a non-laboratory setting. Laboratory activities should encourage critical thinking, the understanding of scientific methodology, and the application of scientific principles.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO111 - Anatomy and Physiology with Terminology I

## Contact Hours

Lecture

0

Lab

30

# BIO112 Anatomy and Physiology with Terminology I (2)

## Description

### Course Description
This course is Part 1 of a two-part comprehensive course presenting the interrelationship of each body system. The course presents an integrated approach to human anatomy and physiology, microbiology, and pathology. It includes basic chemistry, physics, cell structure, cell physiology, metabolism, tissues, and integumentary, skeletal, muscular, endocrine and nervous systems as it relates to health sciences. This course is also designed to provide students entering the healthcare profession with skills to learn medical terminology. It focuses on basic techniques of medical word building and application of these techniques to acquire an extensive medical vocabulary.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO112L - Anatomy and Physiology with Terminology I Lab

## Contact Hours

Lecture

60

Lab

0

# BIO112L Anatomy and Physiology with Terminology I Lab (1)

## Description

### Course Description
This course is part one of a two-part comprehensive laboratory course accompanying the Anatomy and Physiology lecture course, designed to focus on aspects of the interrelationship of each body system. Laboratory exercises will includes basic chemistry, physics, cell structure, cell physiology, metabolism, tissues, and integumentary, skeletal, muscular, nervous, and endocrine systems as it relates to the human anatomy and its physiology. The laboratory component of this course provides students with hands-on experiences, as opposed to using only workbook and/or computer-generated activities that could be done in a non-laboratory setting. Laboratory activities should encourage critical thinking, the understanding of scientific methodology, and the application of scientific principles.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO112 - Anatomy and Physiology with Terminology I

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 30 |

# BIO114 Anatomy and Physiology with Terminology I (2)

## Description

### Course Description
This course is Part 1 of a two-part comprehensive course presenting the interrelationship of each body system. The course presents an integrated approach to human anatomy and physiology, microbiology, and pathology. It includes basic chemistry, physics, cell structure, cell physiology, metabolism, tissues, and integumentary, skeletal, muscular, endocrine and nervous systems as it relates to health sciences. This course is also designed to provide students entering the healthcare profession with skills to learn medical terminology. It focuses on basic techniques of medical word building and application of these techniques to acquire an extensive medical vocabulary.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO114L - Anatomy and Physiology with Terminology I Lab

## Contact Hours

Lecture

64

Lab

0

# BIO114L Anatomy and Physiology with Terminology I Lab (1)

## Description

### Course Description
This course is part one of a two-part comprehensive laboratory course accompanying the Anatomy and Physiology lecture course, designed to focus on aspects of the interrelationship of each body system. Laboratory exercises will includes basic chemistry, physics, cell structure, cell physiology, metabolism, tissues, and integumentary, skeletal, muscular, nervous, and endocrine systems as it relates to the human anatomy and its physiology. The laboratory component of this course provides students with hands-on experiences, as opposed to using only workbook and/or computer-generated activities that could be done in a non-laboratory setting. Laboratory activities should encourage critical thinking, the understanding of scientific methodology, and the application of scientific principles.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO114 - Anatomy and Physiology with Terminology I

## Contact Hours

Lecture

0

Lab

32

# BIO116 Anatomy and Physiology with Terminology II (3)

## Description

### Course Description
This course is Part 2 of a two-part comprehensive course presenting the interrelationship of each body system. The course presents an integrated approach to human anatomy and physiology, microbiology, and pathology. It includes cardiovascular, lymphatic, immune, respiratory, digestive, urinary and reproductive organ systems as it relates to health sciences. This course is also designed to provide students entering the healthcare profession with skills to learn medical terminology. It focuses on basic techniques of medical word building and application of these techniques to acquire an extensive medical vocabulary.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO111 - Anatomy and Physiology with Terminology I
  **AND** BIO111L - Anatomy and Physiology with Terminology I Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO116L - Anatomy and Physiology with Terminology II Lab

## Contact Hours

Lecture

45

Lab

0

# BIO116L Anatomy and Physiology with Terminology II Lab (1)

## Description

### Course Description
This course is part two of a two-part comprehensive laboratory course accompanying the Anatomy and Physiology lecture course, designed to focus on aspects of the interrelationship of each body system. Laboratory exercises will includes the cardiovascular, lymphatic, digestive, respiratory, urinary, reproductive, and development systems as it relates to the human anatomy and its physiology. The laboratory component of this course provides students with hands-on experiences, as opposed to using only workbook and/or computer-generated activities that could be done in a non-laboratory setting. Laboratory activities should encourage critical thinking, the understanding of scientific methodology, and the application of scientific principles.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO111 - Anatomy and Physiology with Terminology I
  **AND** BIO111L - Anatomy and Physiology with Terminology I Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO116 - Anatomy and Physiology with Terminology II

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 30 |

# BIO117 Anatomy and Physiology with Terminology II (2)

## Description

### Course Description
This course is Part 2 of a two-part comprehensive course presenting the interrelationship of each body system. The course presents an integrated approach to human anatomy and physiology, microbiology, and pathology. It includes cardiovascular, lymphatic, immune, respiratory, digestive, urinary and reproductive organ systems as it relates to health sciences. This course is also designed to provide students entering the healthcare profession with skills to learn medical terminology. It focuses on basic techniques of medical word building and application of these techniques to acquire an extensive medical vocabulary.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO112 - Anatomy and Physiology with Terminology I
  **AND** BIO112L - Anatomy and Physiology with Terminology I Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO117L - Anatomy and Physiology with Terminology II Lab

## Contact Hours

Lecture

60

Lab

0

# BIO117L Anatomy and Physiology with Terminology II Lab (1)

## Description

### Course Description
This course is part two of a two-part comprehensive laboratory course accompanying the Anatomy and Physiology lecture course, designed to focus on aspects of the interrelationship of each body system. Laboratory exercises will includes the cardiovascular, lymphatic, digestive, respiratory, urinary, reproductive, and development systems as it relates to the human anatomy and its physiology. The laboratory component of this course provides students with hands-on experiences, as opposed to using only workbook and/or computer-generated activities that could be done in a non-laboratory setting. Laboratory activities should encourage critical thinking, the understanding of scientific methodology, and the application of scientific principles.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO112 - Anatomy and Physiology with Terminology I
  **AND** BIO112L - Anatomy and Physiology with Terminology I Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO117 - Anatomy and Physiology with Terminology II

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 30 |

# BIO118 Anatomy and Physiology with Terminology II (2)

## Description

### Course Description
This course is part two of a two-part comprehensive course presenting the interrelationship of each body system. The course presents an integrated approach to human anatomy and physiology, microbiology, and pathology. It includes cardiovascular, lymphatic, immune, respiratory, digestive, urinary and reproductive organ systems as it relates to health sciences. This course is also designed to provide students entering the healthcare profession with skills to learn medical terminology. It focuses on basic techniques of medical word building and application of these techniques to acquire an extensive medical vocabulary.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO114 - Anatomy and Physiology with Terminology I
  **AND** BIO114L - Anatomy and Physiology with Terminology I Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO118L - Anatomy and Physiology with Terminology II Lab

## Contact Hours

Lecture

64

Lab

0

# BIO118L Anatomy and Physiology with Terminology II Lab (1)

## Description

### Course Description
This course is part two of a two-part comprehensive laboratory course accompanying the Anatomy and Physiology lecture course, designed to focus on aspects of the interrelationship of each body system. Laboratory exercises will includes the cardiovascular, lymphatic, digestive, respiratory, urinary, reproductive, and development systems as it relates to the human anatomy and its physiology. The laboratory component of this course provides students with hands-on experiences, as opposed to using only workbook and/or computer-generated activities that could be done in a non-laboratory setting. Laboratory activities should encourage critical thinking, the understanding of scientific methodology, and the application of scientific principles.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO114 - Anatomy and Physiology with Terminology I
  **AND** BIO114L - Anatomy and Physiology with Terminology I Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO118 - Anatomy and Physiology with Terminology II

## Contact Hours

Lecture

0

Lab

32

# BIO122 Environmental Biology (3)

## Description

### Course Description
This course introduces basic science concepts, environmental processes, and the influence of humans upon the environment including ecological concepts, population growth, natural resources, and environmental problems from the scientific perspective. Students will learn about ecological communities and various ecosystems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO122L - Environmental Biology Lab

## Contact Hours

Lecture

45

Lab

0

# BIO122L Environmental Biology Lab (1)

## Description

### Course Description
This course applies basic science concepts, environmental processes, and the influence of humans upon the environment including ecological concepts, population growth, natural resources, and environmental problems from the scientific perspective. Students will apply biology and chemistry concepts to a variety of lab simulations and/ or wet labs.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO122 - Environmental Biology

## Contact Hours

Lecture

0

Lab

30

# BIO250 Epidemiology (3)

## Description

### Course Description
This is an introductory course to the basic science of disease prevention. Epidemiology plays a major role in the health of the public and has major implications for healthcare administrators. The basic principles and methods of epidemiology are presented with application to public health and clinical practice. Lab experiences to demonstrate epidemiological principles are used.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO250L - Epidemiology LAB

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# BIO250L Epidemiology LAB (1)

## Description

### Course Description
This course is an introductory laboratory course accompanying the Epidemiology lecture course, designed to focus on the basic science of disease prevention. A major role in public health, epidemiology influences administrative decision-making and healthcare policy. Laboratory exercises in basic principles and methodology of epidemiology will allow students to explore how epidemiology is concerned with the distribution and determinants of health and diseases, morbidity, injuries, disability, and mortality in populations. Laboratory activities should encourage critical thinking, the understanding of scientific methodology, and the application of scientific principles.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO250 - Epidemiology

## Contact Hours

Lecture

0

Lab

30

# BPA228 Retail Baking (2)

## Description

### Course Description

Retail Baking immerses students in the craft of professional baking within a retail setting. Emphasizing hands-on skill development, the course covers a variety of techniques for producing high-quality baked goods using both scratch and convenience methods. Students will practice fundamental baking methods, recipe scaling, and production planning to meet customer demand in a retail environment.

In addition to technical preparation, the course introduces key concepts in product display, merchandising, and point-of-sale presentation to enhance the appeal and profitability of baked goods. Students will also explore basic cost control and startup budgeting to support future entrepreneurial goals.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# BPA110 Principles of Baking and Pastry Arts (2)

## Description

### Course Description
This course introduces the students to the methodology for creating basic baked goods. Students will learn food science as it applies to baking procedures, mixing procedures, and ingredient functionality.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

35

# BPA120 Basic Cakes and Tarts (2)

## Description

### Course Description
This course introduces the student to basic cake and tart production methodology. Students will learn the basic procedures for making high quality cakes and tarts, as well as basic piping techniques. The students will practice various mixing methods, torting, icing, basic piping designs, and tart assembly.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- BPA110 - Principles of Baking and Pastry Arts
  **OR** CAA150 - Baking and Pastry Fundamentals

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 15 |

| Lab |
| --- |
| 35 |

# BPA130 Artisan Breads and Viennoiserie (4)

## Description

### Course Description
This course provides students with the methodology used to prepare Artisan Breads, sweet dough and puff pastry. Students will create breads using various fermentation techniques and breakfast pastries using lamination and manual shaping. Further exploration of Baker's Math will be used to convert formulae.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BPA110 - Principles of Baking and Pastry Arts

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

70

# BPA225 Chocolate and Confectionary Artistry (2)

## Description

### Course Description
This course introduces students to the skills, techniques and procedures used in chocolate and confectionary artistry. Students will produce a variety of products utilizing sugar, chocolate, and pastillage to showcase the artistry that makes the pastry industry exciting and challenging.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- BPA110 - Principles of Baking and Pastry Arts
  **OR** CAA150 - Baking and Pastry Fundamentals

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 15 |

| Lab |
| --- |
| 35 |

# BPA235 Advanced Pastry Design (2)

## Description

### Course Description
This advanced course emphasizes the creation of modern cakes and entremets using contemporary pastry techniques. Students will craft multi-format cakes and layered entremets with precision, employing both molded and hand-shaped methods. Key focus areas include structural integrity, uniformity, and refined execution. The course also introduces the principles of ice cream production—covering formulation, flavor balancing, texture refinement, and storage—culminating in applications as both standalone desserts and integrated components of plated entremets. Additional topics include the use of chocolate and sugar garnishes, meringue techniques, and the deliberate use of decorative elements. Students will also explore seasonal flavor development, global ingredient integration, and plating strategies that emphasize composition, contrast, and temperature dynamics.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BPA120 - Basic Cakes and Tarts

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

35

# BPA245 Alternative Baking (2)

## Description

### Course Description
This course provides students an overview of basic nutrition and how to provide the consumers with various diet conditions nutritionally sound baked products using alternative baking ingredients and techniques. Students will bake and finish products to accommodate gluten free, diabetic, vegan, and allergy related conditions. The course will explore the use of alternative grains, sweeteners, and binders.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- BPA110 - Principles of Baking and Pastry Arts
  **OR** CAA150 - Baking and Pastry Fundamentals

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

35

# BPA265 Petit Fours (2)

## Description

### Course Description
This course immerses students in the refined craft of chocolate and petite confectionery production, emphasizing both technical precision and artistic presentation. Students will learn the principles of chocolate tempering and apply them to create truffles, molded and dipped confections, and decorative chocolate work. The course also explores the preparation of classic petit fours—including glacé, sec, and frais—highlighting the delicate assembly of multi-textured, visually striking desserts. Through hands-on practice, students will refine their ability to produce elegant mignardises that showcase balance, consistency, and creative flair.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BPA120 - Basic Cakes and Tarts

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

35

# BPA275 Baking and Pastry Capstone (4)

## Description

### Course Description
This course provides students with the opportunity to revisit the methodologies, skills, techniques and procedures that they learned and demonstrated throughout the Baking and Pastry program. Throughout the course the students will produce a variety of plated desserts as used for dining service, write dessert menus and produce quality dessert buffets.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

**Completion of BPA Core**

OR

**Dean's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

20

Lab

80

# BUS332 Prompt Engineering for Business Use Cases (3)

## Description

### Course Description
This course introduces the use of prompt engineering to improve productivity and innovation in business environments. Students explore how to craft effective prompts for marketing, research, sales, and operations while building reusable prompt libraries for organizational use. Emphasis is placed on understanding generative AI limitations, ethics, and best practices for responsible application in professional contexts.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS242 - Emerging Technologies and World of AI

**Corequisite**

**Type**
Corequisite

None

**Additional Comments:**
None

## Contact Hours

| Lecture |
| --- |
| 45 |

# BUS442 Applied AI Tools and Automation (3)

## Description

### Course Description
This course explores the strategic use of generative artificial intelligence in modern business environments and prepares students to leverage AI technologies to improve organizational performance, decision-making, innovation, and operational efficiency. Students will examine the foundational concepts and emerging applications of generative AI while applying AI tools to real-world business challenges, including communication, workflow optimization, strategic planning, customer engagement, and data-driven decision-making. The course also examines ethical, legal, and governance considerations related to AI adoption, including data privacy, risk management, and responsible implementation practices. By the end of the course, students will develop a foundational AI integration strategy aligned with organizational goals and sustainable business practices.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS242 - Emerging Technologies and World of AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# BUS102 Fundamentals of Customer Service (3)

## Description

### Course Description
This course examines the processes and techniques involved in developing strong customer relationships in a global, professional environment. Students will explore how excellent customer service supports the company mission and purpose, builds the brand, and ultimately improves an organization’s performance. Students are provided opportunities to apply critical thinking to real world-scenarios and issues.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# BUS121 Introduction to Business (3)

## Description

### Course Description
This course provides an overview to the environment of business. Students will be introduced to basic business functions and activities in the functional areas of business including management, marketing, human resources, accounting, and finance.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# BUS222 Ethics in Business (3)

## Description

### Course Description
This course will provide students with a sound foundation of ethics in business. Students will learn about concepts, processes, and best practices to make ethical business decisions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# BUS224 Change Management (3)

## Description

### Course Description
As the business environment rapidly changes in terms of political, technological, global, economic, and cultural diversities, these diverse and rapid changes have become an enormous task to manage. This course examines the constant change concept in the context of organizational application challenges. It focuses on realistic managerial situations and the techniques involved in managing change and responding to opportunities and threats.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# BUS226 Managerial Processes and Communications (3)

## Description

### Course Description
This course acquaints the students with basic theories and skills, and applications concerning communications within an organization in respect to a manager's point of view. This course focuses on creation of processes, implementation, the communication process, and how a manager uses available skills and logical processes to solve problems. In addition, the course covers essential contemporary business communication including critical thinking, the internet, web, email, and other technological approaches and requirement for effective communication within a complex business environment.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# BUS242 Emerging Technologies and World of AI (3)

## Description

### Course Description
This course provides students with an in-depth overview of emerging technologies, with a particular focus on artificial intelligence and its application in modern business. Students will learn how organizations leverage technology to collaborate and share information online. The curriculum also covers the use of databases to drive data-informed decision making.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# BUS298 Externship-BUS III (3)

## Description

### Course Description
This course is a linkage between the theoretical concepts of the classroom to the actual working environment. This course provides the student experience in a chosen field of study. Through this experience, students are able to gain a practical understanding of work in the industry, experience on the job, enhancement of skills learned in the classroom, and contact with professionals in the business world. Students may work on either a full time or a part time basis for a 135 hrs. Students must have completed a minimum of 60 credits and a minimum of 12 semester credit hours in the business core.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Department Head's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

135

# BUS303 Organizational Leadership and Management (3)

## Description

### Course Description
This course introduces students to the basic principles of leadership that effective leaders use when managing/leading individuals and teams in organizations. These include discussions related to personal traits, characteristics, and attributes, leadership competencies, motivation, group dynamics, power and politics, conflict resolution, and organizational culture.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# BUS316 Foundations of Decision Making (3)

## Description

### Course Description
This course approaches the decision-making process by developing rational methods to transform and simplify complex decisions. Students will learn how to evaluate choices and actions while assessing certainty, uncertainty, and risk. Both individual and group decision- making will be explored.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# BUS321 Business Organizational Management (3)

## Description

### Course Description
This course examines the characteristics of business organizational management in a contemporary environment. This course takes an in-depth strategic approach to the primary functions of management: planning, organizing, leading, and controlling. Students will be exposed to both practical application and theory while studying such topics as ethical management and leadership, human resources, leading teams, and monitoring performance.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# BUS328 Business Process Improvement (3)

## Description

### Course Description
This course provides a basic understanding of how businesses use Six Sigma to proactively eliminate waste, reduce variation in business processes, and continually meet customer requirements and expectations. Students will learn how to use Six Sigma tools and techniques to develop and sustain efficient operations applicable to any industry.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BUS328L - Business Process Improvement LAB

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# BUS328L Business Process Improvement LAB (1)

## Description

### Course Description
This lab course provides students with an opportunity to apply Six Sigma methodology to practical work problems and issues. Students will use Six Sigma tools and processes to move through the different phases of DMAIC in a charter project.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BUS328 - Business Process Improvement

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 30 |

# BUS331 Management Information Systems (3)

## Description

### Course Description
This course illustrates how to manage information in context of different management roles within an organization, for instance, decision making, tactical, operational and business strategy. The core functions of an organization will be present in relation to a new era of global competition, technology, enterprise oriented environment, and how organizations approach these methods to sustain a competitive advantage in a constantly changing technological . environment. Different frameworks of communication will be discussed within an organization, for instance, Local Area Network (LAN), Wide Area Network (WAN), Enterprise Resources Planning (ERP), and wireless network.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# BUS345 Artificial Intelligence and Modern Commerce (3)

## Description

### Course Description
This course delves into the transformative impact of artificial intelligence on modern commerce, with a special focus on the Internet as a global marketplace through case studies. Students will learn cutting-edge strategies, tools, competencies, and business concepts, alongside the social issues associated with the rise of AI in e-commerce.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# BUS409 Organizational Dynamics: Motivation and Leadership (3)

## Description

### Course Description
This course examines the interaction among leadership, members of the organization, and organizational culture. Emphasis is placed on enhanced decision-making and problem-solving skills, including conflict management. Characteristics of functional and dysfunctional organizations will be studied, from both individual and group perspectives.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# BUS411 Study Abroad Business Elective (3)

## Description

### Course Description
This course is taken during a study abroad trip. While students are abroad, they will study a country's general business practices. The experience and course will focus on the other country's culture, geography, history, and politics. and business in that country.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# BUS436 International Business (3)

## Description

### Course Description
This course explores the world of international business and examines national and international governmental controls and constraints that impact the environment in which the system operates. This course offers an in-depth analysis of business in foreign and global markets and international business in the context of cultural variances and governmental regulations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business
  **AND** ECO201 - Macroeconomics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# BUS460 Leadership Capstone (3)

## Description

### Course Description
This capstone course allows students to reflect upon and integrate organizational and leadership skills acquired throughout the program. Students will study organizational issues and problems and will offer solutions to these issues and problems through practical application of leadership skills.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Completion of BUS Core**

**OR**

Prerequisite

**Dean's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# BUS480 Strategic Planning and Implementation (3)

## Description

### Course Description
This capstone course integrates concepts learned throughout the business program. Emphasis is placed upon a practical, skills-oriented approach to strategic management, relative to the contemporary business environment where building and sustaining competitive advantage has become increasingly challenging. This course captures the complexity of a global economy that demands enhanced critical thinking and decision-making skills.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- BUS121 - Introduction to Business
- BUS222 - Ethics in Business
- BUS298 - Externship-BUS III
- BUS331 - Management Information Systems
- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- FIN350 - Financial Management
- HRM211 - Introduction to Human Resources Management
- LAW225 - Legal Environment of Business
- MKT214 - Marketing Management

**OR**

Prerequisite

**Dean's Approval**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**

- BUS480L - Strategic Planning and Implementation LAB

## Contact Hours

Lecture

45

Lab

0

# BUS480L Strategic Planning and Implementation LAB (1)

## Description

### Course Description
This lab provides students the opportunity to implement the theories and concepts learned from the entire core Business program. It will focus on an interactive strategic management simulation. The simulation provides students with an opportunity to gain hands-on, "low-risk" experience in performing the functions of a CEO. They will have the opportunity to make strategic decisions, and observe the impact their decisions on business performance in a competitive market. They will end the experience with a greater appreciation for the interaction of a firm's key functional areas, including operations, marketing, R&D, and finance.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**

- ACC160 - Principles of Accounting I
- ACC161 - Principles of Accounting II
- BUS121 - Introduction to Business
- BUS222 - Ethics in Business
- BUS298 - Externship-BUS III
- BUS331 - Management Information Systems
- ECO201 - Macroeconomics
- ECO202 - Microeconomics
- FIN350 - Financial Management
- HRM211 - Introduction to Human Resources Management
- LAW225 - Legal Environment of Business
- MKT214 - Marketing Management

**OR**

Prerequisite

**Dean's Approval**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**

- BUS480 - Strategic Planning and Implementation

## Contact Hours

| Lecture |
| --- |
| 0 |

| |
|---|
| Lab<br>30 |

# BUS496 Externship-BUS Sr. I-a (1)

## Description

### Course Description
The purpose of this course is to provide the student with real-world work experience in a chosen business field within a shorter time frame then the 3 credit Senior Business Externship course. Students are expected to complete 45 hours of on-the-job work assignments for each 1 credit hour course, provide all relevant paperwork, including weekly progress reports and work attendance reports to their course faculty manager. In addition the student will complete a research project/paper related to the job experience. The externship is approved, managed and graded by the Department Head. Students must have completed all business core and have Department Head approval.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**

- ACC160 - Principles of Accounting I
  **AND** ACC161 - Principles of Accounting II
  **AND** BUS121 - Introduction to Business
  **AND** BUS222 - Ethics in Business
  **AND** BUS298 - Externship-BUS III
  **AND** BUS331 - Management Information Systems
  **AND** BUS480 - Strategic Planning and Implementation
  **AND** BUS480L - Strategic Planning and Implementation LAB
  **AND** ECO201 - Macroeconomics
  **AND** ECO202 - Microeconomics
  **AND** FIN350 - Financial Management
  **AND** HRM211 - Introduction to Human Resources Management
  **AND** LAW225 - Legal Environment of Business
  **AND** MKT214 - Marketing Management

**Untitled Requirement**

**Type**
Prerequisite

**Department Head's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# BUS497 Externship-BUS Sr. I-b (1)

## Description

### Course Description
The purpose of this course is to provide the student with real-world work experience in a chosen business field within a shorter time frame then the 3 credit Senior Business Externship course. Students are expected to complete 45 hours of on-the-job work assignments for each 1 credit hour course, provide all relevant paperwork, including weekly progress reports and work attendance reports to their course faculty manager. In addition the student will complete a research project/paper related to the job experience. The externship is approved, managed and graded by the Department Head. Students must have completed all business core and have Department Head approval.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**

- ACC160 - Principles of Accounting I
  **AND** ACC161 - Principles of Accounting II
  **AND** BUS121 - Introduction to Business
  **AND** BUS222 - Ethics in Business
  **AND** BUS298 - Externship-BUS III
  **AND** BUS331 - Management Information Systems
  **AND** BUS480 - Strategic Planning and Implementation
  **AND** BUS480L - Strategic Planning and Implementation LAB
  **AND** ECO201 - Macroeconomics
  **AND** ECO202 - Microeconomics
  **AND** FIN350 - Financial Management
  **AND** HRM211 - Introduction to Human Resources Management
  **AND** LAW225 - Legal Environment of Business
  **AND** MKT214 - Marketing Management

**Untitled Requirement**

**Type**
Prerequisite

**Department Head's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

| Lab |
| --- |
| 0 |

| Clinical/Externship |
| --- |
| 45 |

# BUS499 Externship-BUS Sr. III (3)

## Description

### Course Description
This course is intended to provide students an opportunity to experience a real-world, professional business situation and to apply the concepts, theories, and knowledge learned in the BSBA curriculum. Through this externship, students will have the opportunity to gain first-hand knowledge and participation in a professional business environment. This experience will allow the students to interact with management and contribute to a business' operations with guidance and mentorship. Students will be required to complete a written report, in addition to the required Externship paperwork.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Fulfill ALL of the following requirements:**

**85% of total required credits for BSBA program**

**AND**

**Program Director's Approval**

**OR**

Prerequisite

**Fulfill ALL of the following requirements:**

**75% of total required credits for BSBA program**

**AND**

**Program Director's Approval for outstanding students**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

135

# BUS620 Marketing and Analytics (3)

## Description

### Course Description
This course will prepare students to build differentiated value perceptions in a global customer base in relation to competitors' products and services. Students will discuss marketing analytics using data, statistics, mathematics, and technology to solve marketing business problems. This will be accomplished through strategic decisions about products, pricing, distribution, and communications that are based on insights from marketing analytics.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MGT520 - Organizational Behavior and Leadership

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# BUS622 Managerial Economics (3)

## Description

### Course Description
This course examines the application of microeconomic and macroeconomic theory as applied to management's responsibilities, accountability and authority within the organization. Quantitative and qualitative application of economic principles to business analysis will be the central focus of this course.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MGT520 - Organizational Behavior and Leadership

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# BUS624 Managerial Finance (3)

## Description

### Course Description
This course examines managerial finance and focuses on financial statement analysis, capital budgeting, capital structure, and the time value of money. Students will interpret financial information in case studies to solve operational problems. Students will also be able to make basic financial decisions involving forecasting, budgeting and capital structure.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MGT520 - Organizational Behavior and Leadership

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# BUS626 Operations and Supply Chain Management (3)

## Description

### Course Description
This course focuses on the common managerial problems associated in manufacturing and service based industries management and the tools utilized to manage the processes. Students will begin initial program capstone project planning, with an emphasis on project management. Areas covered include: critical path methodology, time-cost models, quality control, capacity management, operations layout and design, planning and scheduling, supply chain management and design. Analytical tools will be used including: queuing theory, statistical quality control, linear programming, and learning curves.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MGT520 - Organizational Behavior and Leadership

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# BUS628 Business Capstone (3)

## Description

### Course Description
This capstone course integrates the theories, skills and knowledge gained from previous courses and provides students with the opportunity to make strategic business decisions. The course culminates with the capstone project presentation.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Completion of all other required courses in the MBA program**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CAA130 Pantry Kitchen (2)

## Description

### Course Description
This course introduces students to breakfast and lunch cookery. Students will learn how to poach, grill, bake, and roast. The principles of basic nutrition and plate presentation will be introduced and demonstrated. Emphasis will be placed on breakfast cookery, sandwiches, salads, dressings, and contemporary sauces, as well as pasta and grain cookery. Topics include emulsification, heat transfer, protein coagulation, and nutritionally sound recipe modifications. Students will be able to discuss and demonstrate their learning of basic culinary nutritional concepts utilizing the above cooking techniques.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CAA111 - Culinary Techniques

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA299 Culinary Externship III (2)

## Description

### Course Description
This course provides students with the opportunity to apply their educational experiences in a real-world work environment. Through this externship the student will expand their understanding of the inner workings of a food service establishment under direct report to an employer. This supervised experience will provide the student an opportunity to improve upon learned skills such as professionalism and organization as well as further develop the speed, accuracy and timing that is of importance to success in the field.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Clinical/Externship

100

# CAA100 Essentials for Success (3)

## Description

### Course Description
This course will assist students in their academic and professional performance by providing the tools necessary for success in their new role as student culinarian. Learning modules support the development of college success skills including: self-development, study and research skills, professionalism, attitude and motivation, goal setting, time management, and resume writing.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CAA101 Culinary Skills (2)

## Description

### Course Description
This course serves as an introduction to the operations of a commercial kitchen. Topics covered are equipment identification, precision knife cuts, basic stock production and dry and moist heat cooking methods. Students will learn the basic principles of mise en place, kitchen safety and the application of sanitary food handling practices. Upon completion, students will be able to set up and break down a kitchen, perform precision knife cuts, prepare classical sauces and apply dry heat and moist heat cooking methods on a variety of foods.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA111 Culinary Techniques (2)

## Description

### Course Description
This course builds upon the foundational cooking skills by exploring a wider range of dry heat cooking methods, a continuation of classical sauce-making, and an introduction to advanced vegetable and starch cookery. Students will learn essential plating techniques and develop their ability to organize production tasks within a timeline. Upon completion, students will be able to prepare composed dishes, create classical sauces, and manage production to ensure prompt and professional results.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CAA101 - Culinary Skills

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA115 Kitchen Essentials (3)

## Description

### Course Description
This course introduces food safety and culinary mathematics as topics vital to learning to operate a safe and economically viable professional kitchen. This course covers sanitation through the identification, control, and elimination of food borne illnesses; proper personal hygiene; movement or flow of food; industry standard sanitary facility requirements; pest management systems; and food safety regulations. Students also have an opportunity to learn culinary mathematics through weights and measures, unit conversions, weight to volume conversions, yield percent applications, recipe scaling and recipe cost concepts which help prepare students to perform in their chosen careers.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CAA117 Basics of Dining Service (2)

## Description

### Course Description
This course serves as an introduction to the practical skills and knowledge needed for efficient food and beverage service. Topics include dining room set-up, common styles of service, allergen awareness, customer service, basic mixology and beverage service techniques.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA121 Culinary Fundamentals (2)

## Description

### Course Description
This course serves to introduce students to the organization and execution of kitchen operations within a brigade system, with a focus on the preparation of complete menus. Students will apply learned skills to produce a variety of soups, grilled food items and foods cooked using combination cooking methods. Topics include buffet organization, teamwork, and food presentation. Upon completion, students will be able to produce a menu while effectively working as part of a kitchen brigade.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CAA101 - Culinary Skills

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA140 Introduction to a La Carte (2)

## Description

### Course Description
This course serves as an introduction to the basic principles of a la minute cooking methods and raw fish fabrication. Students will practice various a la minute cooking methods including sauté, shallow poach, and grill in an a la carte environment. In addition students will prepare and utilize contemporary butter sauces and practice vegetable and starch cookery.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CAA111 - Culinary Techniques

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA145 Retail Production (2)

## Description

### Course Description
A majority of modern foodservice operations rely on retail sales in some form to enhance sales and profit. This course introduces students to concepts involved with producing food for retail sale. Emphasis will be placed on the production of breakfast and lunch menu items and their preparation and packaging for grab and go sales. Food produced in this course will be offered for sale at fresh food retail operations throughout the area. Allergen control, sanitation, mise en place, kitchen organization, and consistency will be critical skills.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CAA111 - Culinary Techniques

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA150 Baking and Pastry Fundamentals (2)

## Description

### Course Description
This course introduces students to the preparation and procedures for creating basic baked goods, yeasted dough, pies, and laminated pastries. Specific topics include knowledge of food science as it applies to baking; the understanding and demonstration of basic methodology of mixing and baking procedures; the function of ingredients commonly used in baking; and the calculating of basic math formulas to assist in the production of baked goods.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 15 |

| Lab |
| --- |
| 30 |

# CAA190 Commissary Practicum (1)

## Description

### Course Description
This course provides students with the opportunity to apply their food production experience in CIV's vending operations. Under direct report to a Chef Instructor, the student will build on their experiences in prior courses by planning, producing and packaging food for retail sale. This supervised experience will provide the student an opportunity to apply learned skills such as professionalism and organization as well as develop the speed, accuracy and timing that is of importance to success in the field.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**

- CAA101 - Culinary Skills
- CAA111 - Culinary Techniques
- CAA115 - Kitchen Essentials
- CAA117 - Basics of Dining Service
- CAA121 - Culinary Fundamentals
- CAA140 - Introduction to a La Carte
- CAA145 - Retail Production
- CAA150 - Baking and Pastry Fundamentals
- CAA260 - Culinary Nutrition
- ENG110 - College Composition
- MTH120 - College Mathematics

**OR**

Prerequisite

**Director's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Clinical/Externship |
| 45 |

# CAA200 Meat Selection and Utilization (2)

## Description

### Course Description
This course is designed to introduce students to the fundamentals of meat and poultry fabrication. Students will develop an understanding of the basics of product specifications, receiving, storing, and handling of proteins. Students will learn the basic fundamentals of meat selection and utilization while practicing the art of seaming, boning, frenching, tying and trussing meat and poultry. In addition, students will be introduced to the processes of sausage making and meat preservation.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CAA101 - Culinary Skills

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA201 Banquet and Buffet Service (2)

## Description

### Course Description
This course introduces the student to the principles of banquet and buffet service in a traditional food service environment. Students will explore the front of the house operation as it pertains to banquets and buffets, tableside dessert cookery, menu writing and professional dining room decorum. Students will gain an understanding of fortified wine, spirits and cordials and their use in food service.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA207 Advanced Dining Room (2)

## Description

### Course Description
In this course students will learn the principles of table and beverage service in a traditional restaurant environment. Students will be exposed to the front of the house operation as it pertains to upscale food service, tableside cookery, salesmanship, professionalism and beverage service. Legal and ethical responsibilities of alcohol beverage service are explored. Beer, wine, the art of mixing drinks and effective service methods are discussed.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CAA117 - Basics of Dining Service

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA210 Garde Manger (2)

## Description

### Course Description
This course focuses on the production of classical charcuterie and the composition of platter and buffet presentation techniques. Topics include canapés, hors d' oeuvres, pates, terrines, galantines, mousseline, sushi and the modeling and carving of buffet display pieces. Students will demonstrate an understanding of the Garde Manger chef and its related terminology. Students will demonstrate the ability to prepare artistically detailed and decorative foods presented in a grand buffet style.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA216 A La Carte (4)

## Description

### Course Description
This course provides students with experience in the preparation and service of foods from Regional American and Classic French cuisines using the traditional kitchen brigade system. Building on the skills developed in previous courses, this class is designed to expand students' cooking skills by introducing them to finer quality ingredients and more refined procedures and presentations. The student will learn the concepts of recipe development and apply recipe writing techniques. The techniques and methods of controlling the factors of production and costs in a food service unit are explored. Students will be challenged to assume greater responsibility in the production of food to exacting standards and effectively manage the flow of goods through a food service system.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CAA140 - Introduction to a La Carte

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

60

# CAA230 Advanced Baking and Pastry Arts (2)

## Description

### Course Description
This course refines the previously learned baking skills that are necessary for the student to produce fine pastries. Emphasis is placed on quality production, finishing, decorating and individual dessert presentation. Students learn about the theories, procedures, and ingredients used in cakes, classic pastries, a la carte desserts, and chocolate.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CAA150 - Baking and Pastry Fundamentals

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA240 International Cuisine (2)

## Description

### Course Description
Designed for culinary students seeking to expand their global palate, this course offers hands-on experience in preparing and serving dishes from diverse world cuisines. Students explore how geography, culture, history, and local ingredients shape distinctive flavor profiles and culinary traditions. Through daily menu execution, guided tastings, and critical discussions, students engage with authentic cooking techniques, practice accurate use of international culinary terminology, and work with regional ingredients. Students will build foundational skills in analyzing global cuisines and preparing regionally authentic dishes using appropriate ingredients, terminology, and techniques.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# CAA255 Procurement and Food Service Cost Control (3)

## Description

### Course Description
This course provides the student an overview of the storeroom mangers responsibilities in a food service operation. Students will learn the flow of goods as it pertains to the selection, purchase, receipt, and storage of products used in commercial kitchens as well as the formulas, calculations, and conversions used in foodservice facilities for recipe costing. In this course, students will be challenged to assume greater ethical responsibility in product selection standards with regards to sustainability and the effective management of goods through the food service system.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- MTH120 - College Mathematics
- MTH131 - College Algebra

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CAA260 Culinary Nutrition (3)

## Description

### Course Description
This course has been developed to introduce students to the core components of food and how each relates to nutritional value. Emphasis is placed on the U.S. Dietary Guidelines and how the student can provide customers with nutritionally well-balanced menu selections to encourage a healthy diet. Students will learn about macronutrients, micronutrients, and recipe modification with regard to certain diets. The topics of nutritionally sound lifestyles, weight management, exercise, and current issues in nutrition will also be addressed.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# CAA270 Supervision for Food Service (3)

## Description

### Course Description
This course discusses the role of the chef supervisor in the food service industry. The student will develop an understanding of the leadership and management skills required in order to become a successful food service manager. The historical development of modern management theories and the application of current best practices will be discussed. Topics include supervision as a manager and leader; goal setting; effective communication; equal opportunity, diversity, recruitment and performance standards; motivating employees, conflict management and problem solving; discipline, decision making and delegation. Students will apply principle elements learned through the development of a restaurant project.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# CAA280 Externship-CUL I-a (1)

## Description

### Course Description
This course provides students with the opportunity to apply their educational experiences in a real world work environment. Through this externship the student will gain an understanding of the inner workings of a food service establishment under direct report to an employer. This supervised experience will allow the student to apply learned skills such as professionalism and organization as well as develop the speed, accuracy and timing that is of importance to success in the field.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- CAA121 - Culinary Fundamentals
- BPA120 - Basic Cakes and Tarts

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# CAA285 Externship-CUL I-b (1)

## Description

### Course Description
This course provides students with the opportunity to apply their educational experiences in a real world work environment. Through this externship the student will expand their understanding of the inner workings of a food service establishment under direct report to an employer. This supervised experience will allow the student to improve upon learned skills such as professionalism and organization as well as further develop the speed, accuracy and timing that is of importance to success in the field.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CAA280 - Externship-CUL I-a

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# CAD104 Rapid Prototyping and 3D Printing (3)

## Description

### Course Description
This course covers introduction to 3D Printing as it relates to additive manufacturing. Students will learn how to create 3D models and use 3D Printing software to produce prototype and end user parts.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET192 - Graphics Communication
- MET192L - Introduction to 3-D Modeling LAB

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CAD106 Civil CAD Design (3)

## Description

### Course Description
This course covers introduction to civil drafting and design. Student will learn surveying and engineering data to draw civil engineering plans.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET192 - Graphics Communication

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CAD108 Architectural CAD Design (3)

## Description

### Course Description
This course covers introduction to Architectural CAD Design. Students will learn architectural planning and design using appropriate CAD software such as REVIT Architecture.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET192 - Graphics Communication

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CAD110 Building Information Management (BIM) (3)

## Description

### Course Description
This course covers introduction to Building Information Management (BIM). Student will learn REVIT Architecture, fundamental design methods and practices for creating architectural drawings.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CAD108 - Architectural CAD Design

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CAD112 AutoCAD Electrical (3)

## Description

### Course Description
This course covers an introduction to AutoCAD Electrical. Student will learn tools and utilities available in AutoCAD Electrical to create electrical drawings.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET192 - Graphics Communication

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CAP480 Arts and Sciences Capstone (3)

## Description

### Course Description
The course is designed to enhance and reinforce a student's breadth of knowledge from their Arts and Sciences experience. Students will learn to integrate knowledge and skills from different disciplines to examine real-world problems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**6 credits in COM/ENG AND 3 credits in MTH AND 4 credits in BIO/PHY AND 3 credits in HUM AND 3 credits in SOC/PSY/ECO**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CIS108 Office Applications (2)

## Description

### Course Description
This course offers comprehensive training in essential office applications within a contemporary computing environment, focusing on practical skills in file management, collaboration, and professional document creation. Students will gain proficiency in navigating operating systems, organizing files, and leveraging cloud-based storage solutions to enhance productivity and teamwork. Through hands-on assignments, students will create polished documents, spreadsheets, and presentations, using formatting and visualization tools to communicate effectively across diverse settings. Additionally, students will explore the integration of generative AI technology to develop dynamic content, equipping them with the digital literacy skills needed in today's technology-driven workplaces.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 30 |

| Lab |
| --- |
| 0 |

# CIS256 Windows Active Directory (3)

## Description

### Course Description
This course will provide students with hands-on application and use of windows active directory components. Students will learn to manage, monitor, and optimize desktop and user environments, analyzing current and planned business models, determining current and future expansion processes, as well as the implementation and use of common security processes in the windows environment.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB240 - Windows Client and Server

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- CIS256L - Windows Active Directory Lab

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# CIS256L Windows Active Directory Lab (1)

## Description

### Course Description
This course will provide students with the knowledge and skills to design, install and configure Windows Active Directory for managing an organization network. Critical services are implemented along with creating and organizing network objects in an efficient structure. Students will learn to implement group policies and plan for disaster recovery as part of administering an enterprise information technology operation.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB240 - Windows Client and Server

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- CIS256 - Windows Active Directory

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 30 |

# CIS280 CIS Project (3)

## Description

### Course Description
This course will provide students with an opportunity to research and design a real-world project to support the outcomes of a student’s major. Students will optionally implement the project when resources are available.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# CIS291 Externship-CIS I-a (1)

## Description

### Course Description
This course is the first phase of a graduating associate's degree student's externship, which provides real-world experience in a work area appropriate for their particular CIS concentration. The externship is approved and managed by the faculty advisor for the concentration area, and is graded by the faculty member assigned course management. Students are expected to complete 45 hours of on-the-job work assignments, provide all paperwork related to the externship, including weekly observations and work attendance reports to their course faculty manager.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# CIS292 Externship-CIS I-b (1)

## Description

### Course Description
This course provides degree students real-world experience in a work area appropriate for their particular CIS concentration.? The externship is approved and managed by the program director for the concentration area, and is graded by the faculty member assigned course management.? Students are expected to complete 45 hours of on-the-job work assignments for each 1 Semester Hour of course credit, provide timely paperwork related to the externship, including weekly observations and work attendance reports to their course faculty manager.? The maximum credits allowed for all externship courses taken is 6.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# CIS293 Externship-CIS I-c (1)

## Description

### Course Description
This course provides degree students real-world experience in a work area appropriate for their particular CIS concentration.? The externship is approved and managed by the program director for the concentration area, and is graded by the faculty member assigned course management.? Students are expected to complete 45 hours of on-the-job work assignments for each 1 Semester Hour of course credit, provide timely paperwork related to the externship, including weekly observations and work attendance reports to their course faculty manager.? The maximum credits allowed for all externship courses taken is 6.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# CIS294 Externship-CIS II (2)

## Description

### Course Description
This course provides graduating Associates Degree students with real-world experience in a work area appropriate for their particular Computer & Information Science concentration. Students will learn skills in their field as directed by their faculty member assigned course management, completing 90 hours of on-the-job work assignments.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

90

# CIS494 Externship-CIS Sr. II (2)

## Description

### Course Description
This course provides graduating Bachelors Degree students with real-world experience in a work area appropriate for their particular Computer & Information Science concentration. Students will learn skills in their field as directed by their faculty member assigned course management, completing 90 hours of on-the-job work assignments.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 0 |

| Clinical/Externship |
| --- |
| 90 |

# CIS496 CIS Externship Project (1)

## Description

### Course Description
This course provides graduating Bachelor's Degree students with real-world experience in a real project appropriate for their particular CIS concentration. The externship is approved and managed by the faculty advisor for the concentration area and is graded by the course faculty manager.Students are expected to complete 45 hours of project work assignments for each 1 Semester Hour of course credit, provide all paperwork related to the externship and project, including weekly observations and work attendance reports to their course faculty manager.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Clinical/Externship |
| 45 |

# CJ100 Introduction to Criminal Justice (3)

## Description

### Course Description
This course provides a foundation for understanding the American criminal justice system. Students will learn about crime in the United States and the role of law enforcement, court, and correctional systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ106 Criminal Law (3)

## Description

### Course Description
This course provides a foundation for understanding substantive criminal law. Topics explored include the general elements of criminal offenses, the parties to crimes, affirmative defenses, and the legal elements of inchoate offenses. Students will learn the legal elements of the following offenses: homicide; crimes against persons; crimes against property and habitation; crimes against public order, safety, and morality; and finally, crimes against the administration of justice.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**

- CJ100 - Introduction to Criminal Justice

**OR**

Prerequisite

**70 credits for BSICO program Digital Forensics track**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CJ110 Law Enforcement Operations (3)

## Description

### Course Description
This course examines one of the three major components of the criminal justice system: the role and responsibilities of police officers. Students will learn the function of police agencies within the United States.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ100 - Introduction to Criminal Justice

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ115 Drugs and Crime (3)

## Description

### Course Description
This course examines the sociological and psychological explanations of drug-using behavior, the relationship between drug abuse and crime, and methods for the criminal justice practitioner to interact with a drug using offender. Students will learn of the various foundations of the drug-crime relationship, as well as how to assess and intervene with the drug addicted offender.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ125 Criminal Procedure (3)

## Description

### Course Description
The course will address the procedural rules and laws governing police interaction with a suspect or a citizen. Students will learn the rights and limitations on government action contained in the 4th, 5th, 6th, 8th, and 14th Amendments.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ106 - Criminal Law

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ130 Ethics in Criminal Justice (3)

## Description

### Course Description
This course explores the ethical dilemmas and decision-making challenges faced by professionals across the criminal justice system. Students will examine foundational ethical theories and apply them to real-world scenarios involving law enforcement, courts, and corrections. Topics include the use of discretion, professional responsibility, corruption, and the balance between justice and public safety. Through critical analysis and discussion, students will develop practical skills in ethical reasoning and apply them to complex situations in criminal justice practice.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ135 Corrections (3)

## Description

### Course Description
This course will address the history and practices of the American corrections system. Students will learn the historical background of the American corrections system, the policies and laws that guide this system as well as processes and reforms implemented to address issues within the system. The course specifically identifies and discusses current problems faced by modern institutional corrections and the methodologies utilized to solve these problems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ100 - Introduction to Criminal Justice

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ200 Investigations (3)

## Description

### Course Description
This course will address the components of conducting efficient and effective criminal investigations. Students will learn the steps to navigate a criminal investigation.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ110 - Law Enforcement Operations

**Corequisite**

**Type**
Corequisite

**None**

### Course Requirements
Pre-requisite applies to all BS Criminal Justice students only

## Contact Hours

Lecture

45

Lab

0

# CJ205 Juvenile Justice (3)

## Description

### Course Description
This course examines the juvenile justice system in America. Students will learn about the history of the juvenile court system in America, the differences between juvenile courts and adult courts, legal rights afforded to juveniles, theoretical explanations of juvenile delinquency, risk factors that contribute to delinquency, and preventative factors that reduce juvenile delinquency.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ100 - Introduction to Criminal Justice

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ210 Global Comparative Justice (3)

## Description

### Course Description
This course will examine philosophies of law and justice across the world. Students will learn the sociological, cultural, and political underpinnings of criminal justice systems and will examine how cultural differences affect the way that governments control populations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ125 - Criminal Procedure

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ225 Crime Scene Management (3)

## Description

### Course Description
This course provides an overview of crime scene management techniques used by local, state, and federal law enforcement agencies. Students will explore the various roles performed within a crime scene investigative team, examine forensic documentation techniques, analyze direct and circumstantial evidence collection methods, as well as assess procedures for packaging and preserving collected evidence.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ200 - Investigations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ229 Cybercrime Investigations (3)

## Description

### Course Description
This course will introduce students to various aspects of cybercrime investigation. Students will learn the typologies of cybercrime, legal issues impacting digital evidence, the role of terrorism in cybercrime, cybercrime investigation procedures and forensic tools.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ200 - Investigations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# CJ230 Introduction to Terrorism (3)

## Description

### Course Description
This course will explore concepts that relate to international, state-sponsored/sub-national, and domestic terrorism within the United States of America and abroad. Students will learn about incidents associated with the history of terrorism. Additionally, students will investigate specific motives, and how those motives relate to the behaviors of terrorist groups.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ125 - Criminal Procedure

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ235 Criminology (3)

## Description

### Course Description
This course examples the nature, extent and causes of crime. Students will learn basic assumptions of current criminological theories, patterns of criminal behavior and typologies of criminal activity.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ100 - Introduction to Criminal Justice

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ240 Intelligence (3)

## Description

### Course Description
This course provides a comprehensive overview of the intelligence community and the role that intelligence plays in Homeland Security. Students will be introduced to counterintelligence, intelligence analysis for criminal investigations, military intelligence and National Security response strategies based on threat analysis.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ230 - Introduction to Terrorism

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ245 Multi-Cultural Communication for Law Enforcement (3)

## Description

### Course Description
This course will examine demographic trends and the impact on law enforcement to further explore multicultural communication strategies for law enforcement. Students will be introduced to the analysis of population changes, cultural overviews of emerging populations in the United States, and multicultural written, electronic, and verbal communication procedures and styles. Using artificial intelligence tools, students will design an international festival that celebrates diversity, promotes cross-cultural understanding, and simulates community-police engagement strategies.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ110 - Law Enforcement Operations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ250 Introduction to Geospatial Technologies (3)

## Description

### Course Description
This course will provide students with skills related to geospatial technology and the impact this technology has had on the law enforcement, private security, military and public communities.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ200 - Investigations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CJ290 Externship-CJ III (3)

## Description

### Course Description
In this course, students will gain valuable field experience by working in the field with a public or private law enforcement, legal, or correctional agency. Students will be supervised by an agency representative and the course managed by a Criminal Justice faculty member.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

135

# CJ291 Externship-CJ II (2)

## Description

### Course Description
This course will address the pursuit of meaningful field experiences in federal, state, local or private criminal justice organizations and facilities. Students will learn about the arrest, investigative, pretrial, trial, corrections, community corrections and private industry's role in the criminal justice system.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

90

# CJ292 Externship-CJ I-a (1)

## Description

### Course Description
This course will address the pursuit of meaningful field experiences in federal, state, local or private criminal justice organizations and facilities. Students will learn about the arrest, investigative, pretrial, trial, corrections, community corrections and private industry's role in the criminal justice system.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# CJ301 Crime Intelligence Analysis (3)

## Description

### Course Description
This course will provide students with skills related to the examination of crime data and the impact of technical tools such as geo-technology on the greater law enforcement and intelligence communities and prosecution. This field aids in the facilitation of informed decision making for both crime prevention and crime response.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ200 - Investigations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CJ305 Victimology (3)

## Description

### Course Description
This course involves the study of victims of crime. Students will learn the psychological and emotional detriments associated with being victimized and the classification of the types of victims. Criminological theory will be applied to address the reasons that certain victims are more attractive to offenders than others, and to examine a victim's reaction to crime.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ235 - Criminology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ310 Digital Forensic Analysis (3)

## Description

### Course Description
This course will address the legal and technical aspects of seizing and analyzing electronic evidence, including laptops, desktops and mobile devices. Students will learn the fundamentals of handling evidence, creating forensic images and analyzing electronic evidence using forensic software packages.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- CJ229 - Cybercrime Investigations
  **OR** CYB250 - Principles of Cybersecurity with AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# CJ315 Mobile Device Forensics (3)

## Description

### Course Description
This course will provide students with skills related to the examination of mobile devices and the impact of mobile technology on the greater law enforcement community and prosecution of crimes. There will be an emphasis on field based learning.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- CJ229 - Cybercrime Investigations
  **OR** CIS212 - Principles of Cybersecurity

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CJ320 Human Trafficking and Domestic Violence (3)

## Description

### Course Description
This course will explore two contemporary topics in Criminal Justice: human trafficking and domestic violence. Students will learn the various forms of human trafficking and domestic violence, and evaluate the law enforcement response to each.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ110 - Law Enforcement Operations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ325 CJ Special Populations (3)

## Description

### Course Description
This course introduces students to diverse special populations encountered within the criminal justice system and the broader community. Students will examine how law enforcement, courts, corrections, and community-based agencies interact with individuals whose identities, experiences, or needs may place them at increased risk of marginalization, victimization, criminalization, or unequal treatment. The course emphasizes cultural awareness, procedural justice, trauma-informed practice, ethics, legal responsibilities, and evidence-based approaches to improving public safety while respecting human dignity.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ100 - Introduction to Criminal Justice

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ340 Organized Crime (3)

## Description

### Course Description
This course introduces concepts related to organized crime groups within the United States and abroad. Students will learn the history and operational strategies of organized crime groups. Students will understand the philosophies, recruitment, and funding techniques for organized crime groups, as well as law enforcement strategies for curtailing organized crime activities.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ235 - Criminology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ350 Criminal Justice Documentation (3)

## Description

### Course Description
This course provides an overview of criminal justice documentation for various professions within the field. Students will learn field oriented methods of drafting written correspondence and required industry reports.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ125 - Criminal Procedure

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CJ361 Law Enforcement Management (3)

## Description

### Course Description
This course provides students with an overview of law enforcement management systems. Students will be introduced to the theory and practice behind law enforcement management and the importance of maintaining morale within an agency.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ110 - Law Enforcement Operations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ370 Rules of Evidence (3)

## Description

### Course Description
This comprehensive course is designed to provide students with a thorough understanding of the principles and practices related to evidence handling and documentation within the criminal justice system. Students will gain the knowledge and skills necessary to properly collect, preserve, and document various types of evidence, ensuring compliance with legal standards, ethical guidelines, and courtroom admissibility.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ125 - Criminal Procedure

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# CJ380 Private Security (3)

## Description

### Course Description
This course offers a comprehensive introduction to the field of private security, examining its historical development, current practices, and the evolving role it plays in modern society. Students will explore the distinctions between private security and law enforcement, delve into the various industries within the private security sector, and understand the technologies that enhance security measures. Additionally, the course will cover the evaluation of critical infrastructure and strategies for crisis planning and prevention.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ110 - Law Enforcement Operations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ390 Crime Mapping (3)

## Description

### Course Description
This course will explore the practical and theoretical aspects of GIS (Geographic Information Systems) in the analysis of crime. Students will learn theories related to environment criminology and spatial criminology as well as GIS applications to crime analysis from offense clustering to offender and victim geographic analysis.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ235 - Criminology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# CJ400 Fraud Examination (3)

## Description

### Course Description
This course will integrate previous investigative knowledge and skills to fraud examination. Students will learn the fraud theory approach; explore forms of asset misappropriation, corruption and techniques used to investigate fraud.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ229 - Cybercrime Investigations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ410 CJ Capstone Project (3)

## Description

### Course Description
This course will provide students with an opportunity to apply the criminal justice concepts and theories that contribute to the overall discipline. The capstone course is designed to examine the objectives of the Criminal Justice program and will involve a project designed to address the student's concentration.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**

- CJ100 - Introduction to Criminal Justice
- CJ106 - Criminal Law
- CJ110 - Law Enforcement Operations
- CJ125 - Criminal Procedure
- CJ130 - Ethics in Criminal Justice
- CJ135 - Corrections
- CJ200 - Investigations
- CJ225 - Crime Scene Management
- CJ229 - Cybercrime Investigations
- CJ230 - Introduction to Terrorism
- CJ235 - Criminology
- CJ325 - CJ Special Populations
- CJ350 - Criminal Justice Documentation
- CJ380 - Private Security
- CJ430 - Critical Incident Management

**OR**

Prerequisite

**Dean's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ416 Domestic Terrorism (3)

## Description

### Course Description
This course will provide an overview of domestic terrorism within the United States. Students will learn the history and motives of domestic terrorism/terrorist groups as well as techniques to combat domestic terrorism. Students will also be able to contrast the roles in which women play in these terrorist groups as well as analyze law enforcement's data gathering capabilities used in combating domestic terrorism.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ230 - Introduction to Terrorism

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ430 Critical Incident Management (3)

## Description

### Course Description
This course will examine the role of crisis response from the perspective of both the private sector and that of public safety. Students will learn about the phenomenon of crisis, various intervention methodologies, as well as differing legal and ethical issues relating to the varying stages of crisis. Additionally, using artificial Intelligence, students will work their way through the phases of a critical incident from the perspective of public safety.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ110 - Law Enforcement Operations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ435 Emergency Planning (3)

## Description

### Course Description
This course provides an overview of the role of criminal justice agencies in emergency preparation and response. Students will learn to identify, analyze and respond to “all hazard” threats as well as to recognize interagency management infrastructures.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ110 - Law Enforcement Operations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ461 Media Relations For Law Enforcement (3)

## Description

### Course Description
This course provides an overview of departmental protocols for release of information to media outlets, the public, and other government agencies. The course also outlines issues involving dissemination of information and addresses state and federal freedom of information and privacy protection laws. The course will also explore how media influence, including social media, the internet, and “fake news,” shapes how the public perceives the criminal justice system.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ110 - Law Enforcement Operations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ480 Community Corrections (3)

## Description

### Course Description
This course will introduce students to probation, parole, and associated community-based practices. Students will explore the origins, practices, and outcomes of these alternatives to incarceration. Students will explore the requirements to become a probation officer and the stressors related to the job.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ135 - Corrections

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ485 Homeland Security (3)

## Description

### Course Description
This course will provide an overview of the history and origins of Homeland Security. Students will learn about post 9/11 threats as well as relevant laws and regulations, challenges, and security pertaining to the border, immigration, transportation and public health from the perspective of Homeland Security.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CJ230 - Introduction to Terrorism

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CJ490 Externship-CJ Sr. III (3)

## Description

### Course Description
In this course, students will gain valuable field experience by working in the field with a public or private law enforcement, legal, or correctional agency. In this course, students are expected to apply intermediate and advanced knowledge and technical skills to the performance of their assigned duties. Students will be supervised by an agency representative and the course managed by a Criminal Justice faculty member.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 135 |

# COM115 Principles of Communication (3)

## Description

### Course Description
This course introduces students to the broad field of human communication. Students will learn the knowledge and skills necessary to communicate effectively in a wide variety of situations including interpersonal communication, small group communication, and public speaking.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# COR103 Freshman Orientation (1)

## Description

### Course Description
The focus of this course is to assist students in developing knowledge, skills, and strategies necessary to be successful in a nursing program. Students are introduced to the concepts of time and stress management, study and research skills, prioritization, and medical terminology. The importance of teamwork, communication, professionalism, and the roles of the practical and registered nurse are discussed.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 15 |

# COR196 Study Skills (1)

## Description

### Course Description
This course introduces students to the critical thinking frameworks required to provide competent patient care. The course will provide foundational skills in critical thinking, clinical reasoning, and clinical judgement while expanding on knowledge from previous courses. Students will focus on reasoning skills for application to the clinical setting. Students will be able to develop the interpersonal, teamwork, and self-management skills needed to be successful as a registered nurse.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 15 |

# COR090 Career Orientation Seminar (0)

## Description

### Course Description
This course prepares students to search for careers in their chosen fields. Students will learn career planning skills, including résumé and cover letter development, professional dress skills, and interview skills.

### Credit Hours

0

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Completion of most core and concentration requirements**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

0

Clinical/Externship

0

# COR101 Freshman Orientation (1)

## Description

### Course Description
The focus of this course is to assist students in developing knowledge, skills, and strategies necessary to be successful in a nursing program. Students are introduced to the concepts of time and stress management, study and research skills, prioritization, and medical terminology. The importance of teamwork, communication, professionalism, and the roles of the practical and registered nurse are discussed.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 15 |
| Lab | 0 |
| Clinical/Externship | 0 |

# COR102 Freshman Orientation (1)

## Description

### Course Description
This course is designed to assist students in transition into the educational setting and to aid them in developing knowledge, skills, and strategies necessary to be successful in a nursing program. Students are introduced to the concepts of time and stress management, prioritization, study and research skills. The importance of teamwork, communication, professionalism, and the roles of the practical and registered nurse are discussed.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 30 |

| Lab |
| --- |
| 0 |

# COR104 Freshman Orientation (1)

## Description

### Course Description
This course is designed to assist students in transition into the educational setting and to aid them in developing knowledge, skills, and strategies necessary to be successful in a nursing program. Students are introduced to the concepts of time and stress management, prioritization, study and research skills. The importance of teamwork, communication, professionalism, and the roles of the practical and registered nurse are discussed.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 32 |

| Lab |
| --- |
| 0 |

# COR105 Study Skills (0.5)

## Description

### Course Description
This course introduces students to the critical thinking frameworks required to provide competent patient care. The course will provide foundational skills in critical thinking, clinical reasoning, and clinical judgement while expanding on knowledge from previous courses. Students will focus on reasoning skills for application to the clinical setting. Students will be able to develop the interpersonal, teamwork, and self-management skills needed to be successful as a practical nurse.

### Credit Hours

0.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- COR102 - Freshman Orientation

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

0

# COR107 Study Skills (0.5)

## Description

### Course Description
This course introduces students to the critical thinking frameworks required to provide competent patient care. The course will provide foundational skills in critical thinking, clinical reasoning, and clinical judgement while expanding on knowledge from previous courses. Students will focus on reasoning skills for application to the clinical setting. Students will be able to develop the interpersonal, teamwork, and self-management skills needed to be successful as a practical nurse.

### Credit Hours

0.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- COR104 - Freshman Orientation

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

16

Lab

0

# COR191 Career Orientation (1)

## Description

### Course Description
This course equips students with the practical tools and confidence needed to launch a successful job search in their chosen field. Students will research career opportunities and salary benchmarks specific to their program of study, then draft an industry-specific resume, cover letter, and reference list. Through hands-on activities, students will build effective interview techniques, including preparation, responding to knock-out questions, and professional follow-up. The course also addresses personal branding, guiding students to create or update a LinkedIn profile that showcases their skills and supports professional networking. By the end of the course, students will have a complete, employer-ready job search toolkit and a strengthened online professional presence.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Completion of most core and concentration requirements**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

0

Clinical/Externship

0

# COR195 Study Skills (1)

## Description

### Course Description
This course introduces students to the critical thinking frameworks required to provide competent patient care. The course will provide foundational skills in critical thinking, clinical reasoning, and clinical judgement while expanding on knowledge from previous courses. Students will focus on reasoning skills for application to the clinical setting. Students will be able to develop the interpersonal, teamwork, and self-management skills needed to be successful as a registered nurse.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

0

Clinical/Externship

0

# CST210 Introduction to AI (3)

## Description

### Course Description
This course provides an overview of artificial intelligence and its applications in both cybersecurity and software development. Students will learn the fundamentals of AI, including machine learning, neural networks, and data analysis. The course will explore practical applications of AI in threat detection, cybersecurity defense strategies, automated response systems, and software development processes such as code optimization, bug detection, and intelligent automation. Through hands-on activities, students will gain experience using AI tools and frameworks to enhance both security and software development practices. Ethical considerations of AI in both fields will also be explored.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- CYB120 - Introduction to Python Programming
- SDC205 - Python for Data Analytics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CST440 AI/Machine Learning (3)

## Description

### Course Description
This course will provide students with an introduction to artificial intelligence (AI) and machine learning and their use in business today. Students will receive an overview of AI concepts and workflows, machine learning and deep learning, and performance metrics.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ALL of the following requirements:**

**Complete ANY of the following Courses:**
- CYB120 - Introduction to Python Programming
- SDC205 - Python for Data Analytics

**AND**

**Complete ALL of the following Courses:**
- CST200 - Linux Administration

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CST100 Introduction to Computing (3)

## Description

### Course Description
This course was designed for students who are interested in Information Technology. Students learn foundational concepts related to computer hardware and software, networking, databases, programming, and cybersecurity. Basic skills in Microsoft Word, Excel, and PowerPoint are introduced to support professional and technical tasks commonly used in IT environments. The course also introduces students to a wide range of IT careers. It covers all objectives necessary to pass the CompTIA Learn Tech+ exam.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CST120 Computer Configuration I (3)

## Description

### Course Description
This course introduces the components that make up a computer system, which will include the motherboard, CPU, RAM, storage devices, power supply, cables, connectors, and the inter-relationship of these components. Students will compare the similarities and differences between desktop computers, laptops, smartphones, and tablets. Students will evaluate, troubleshoot, and configure hardware using a support system.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CST140 Introduction to Operating Systems (3)

## Description

### Course Description
This course provides an introduction to the major hardware and software components of computer-based operating systems. Students will learn about Windows, Linux, and MacOS. They will also learn basic system maintenance, use of terminal commands, data security, virtualization, and computer numbering systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CST160 Introduction to Networking (3)

## Description

### Course Description
This course introduces students to the fundamental concepts, technologies, and terminology of computer networking. Students will develop hands-on skills in configuring network devices, establishing network connections, and troubleshooting common networking issues. The course also explores essential network infrastructure services and foundational network security principles. Through structured lab activities and applied networking exercises, students will apply theoretical concepts in practical networking scenarios to reinforce technical proficiency and problem-solving skills.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- CST100 - Introduction to Computing
- CST120 - Computer Configuration I
- CST140 - Introduction to Operating Systems

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CST200 Linux Administration (3)

## Description

### Course Description
This course will provide students with knowledge and basic skills to work with Linux systems. Students will learn to use, install, administer, harden, and manage Linux systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- CST120 - Computer Configuration I
- CST140 - Introduction to Operating Systems

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CST290 Associate's Externship (3)

## Description

### Course Description
This course will provide graduating associate's degree students with real-world experience in a work environment appropriate for their degree. The externship is approved and managed by the faculty advisor for the concentration area, and is graded by the assigned faculty member. Students are expected to complete 45 hours of on-the-job work assignments for each one semester credit hour of course credit, provide all paperwork related to the externship, including weekly observations and work attendance reports to their course faculty manager.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Clinical/Externship

135

# CYB200L Network Protocols and Services Lab (1)

## Description

### Course Description
This hands-on lab course teaches students to design, implement, and troubleshoot network solutions. Using real and simulated environments, students will configure network devices, analyze traffic, and resolve connectivity issues. The course reinforces TCP/IP protocols, network services, and security best practices, preparing students to manage modern networks.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- CST160 - Introduction to Networking

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- CYB200 - Network Protocols and Services

## Contact Hours

| Lab |
| --- |
| 30 |

# CYB410L Ethical Hacking II with AI Lab (1)

## Description

### Course Description
This course provides practical experience in identifying, exploiting, and documenting security vulnerabilities using preconfigured virtual environments and industry-standard penetration testing tools. Students apply ethical hacking techniques to analyze attack surfaces, test secure communications, and strengthen system defenses. Emphasis is placed on accurate documentation, legal compliance, and adherence to ethical standards in real-world security assessments. Artificial intelligence (AI)–enhanced tools are integrated throughout the course to support scanning, vulnerability detection, and command-line option generation, helping students work more efficiently and effectively. Through hands-on labs and simulated attack scenarios, students gain applied skills in offensive security while building the competencies required for the EC-Council Certified Ethical Hacker (CEH) exam.

### Credit Hours

1

### Simple Requirements

**Corequisite**

**Type**
Corequisite

Corequisite

**Enroll in the following Courses:**
- CYB410 - Ethical Hacking with AI II

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB400 - Ethical Hacking with AI

## Contact Hours

| |
|---|
| Lab |
| 30 |

# CYB470 SOC Analyst I (3)

## Description

### Course Description
This course introduces foundational Security Operations Center (SOC) analysis through hands-on alert monitoring, incident triage, and case documentation using the Zammad ticketing system. Students apply basic log analysis, threat intelligence, and AI-assisted tools within enterprise and cloud environments, preparing for entry-level (Tier 1) SOC analyst roles.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CST440 - AI/Machine Learning

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB471 SOC Analyst II (3)

## Description

### Course Description
This course advances SOC analysis through complex investigations, threat hunting, and coordinated incident response across enterprise and cloud environments. Students manage multi-stage cases using Zammad, apply frameworks such as MITRE ATT&CK, and leverage AI-driven automation to enhance detection and response, preparing for Tier 2 SOC roles.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB470 - SOC Analyst I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB494 Information and Cybersecurity Externship II (3)

## Description

### Course Description
The purpose of this course is to provide the graduating Bachelors Degree student with real-world experience in a work area appropriate for their particular CIS concentration. The externship is approved and managed by the faculty advisor for the concentration area, and is graded by the faculty member assigned course management. Students are expected to complete 45 hours of on-the-job work assignments for each 1 Semester Hour of course credit and provide all paperwork related to the externship, including weekly observations and work attendance reports, to their course faculty manager.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Clinical/Externship

135

# CYB120 Introduction to Python Programming (3)

## Description

### Course Description
This course introduces the fundamentals of Python programming within a cybersecurity context, emphasizing its role in automating common system and network tasks. Students will explore essential programming concepts such as syntax, data types, and core structures, applying them to create functional scripts that improve efficiency and accuracy in security operations. The course also develops skills in analyzing program output to understand behavior, troubleshoot issues, and refine code. Through hands-on practice, students will learn how Python can be used to process and analyze data relevant to cybersecurity, preparing them to integrate automation into real-world security workflows.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- CST100 - Introduction to Computing
- CST140 - Introduction to Operating Systems

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB120L Introduction to Python Programming LAB (1)

## Description

### Course Description
This lab course provides practical, hands-on application of Python programming within a cybersecurity context, reinforcing its role in automating common system and network tasks. Students will practice core programming concepts such as syntax, data types, and control structures through weekly assessments and guided lab exercises. The course emphasizes interpreting program output, identifying and fixing errors, and refining scripts for improved performance. By applying Python to process and analyze cybersecurity data in a lab environment, students will gain the practical skills and experience needed to implement automation in real-world security operations.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- CST100 - Introduction to Computing
- CST140 - Introduction to Operating Systems

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- CYB120 - Introduction to Python Programming

## Contact Hours

| Lab |
| --- |
| 30 |

# CYB200 Network Protocols and Services (3)

## Description

### Course Description
The course will provide students with a technical review of network protocols, infrastructure, and services. Given various sized networks, students will learn to design solutions based on modern networking protocols. Students will also learn to implement, secure, and troubleshoot common issues found in modern networks.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CST160 - Introduction to Networking

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB220 Introduction to Routing and Switching (3)

## Description

### Course Description
This course will provide students with intermediate level knowledge and skills for configuring networked routers and switches. Students will learn enterprise network design principles, including implementing InterVLAN routing and dynamic routing protocols. They will also learn network address translation, basic router and switch security, and standard access list usage.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB200 - Network Protocols and Services

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# CYB220L Introduction to Routing and Switching LAB (1)

## Description

### Course Description
This course will provide students with hands-on practice and skill-building exercises using routers and switches. Students will learn how to design and build a small routed network using current protocols.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB200 - Network Protocols and Services

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- CYB220 - Introduction to Routing and Switching

## Contact Hours

| Lab |
| --- |
| 30 |

# CYB240 Windows Client and Server (3)

## Description

### Course Description
This course provides students with the knowledge to configure and manage Windows Clients within a network environment. Students will use Windows system tools to install, configure, and manage a Windows client, including troubleshooting and improving system performance. Students will also manage file storage, user accounts, and local security.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB200 - Network Protocols and Services

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB240L Windows Client and Server LAB (1)

## Description

### Course Description
This course will allow students to apply knowledge of Windows Client and Server Operating Systems by implementing a prototype configuration. Students will learn to configure, administer and support the primary services in the Windows Server and Client operating systems. The student will also implement users, groups and computer accounts, sharing of system resources, and maintenance of system hardware.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB200 - Network Protocols and Services

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- CYB240 - Windows Client and Server

## Contact Hours

| Lab |
| --- |
| 30 |

# CYB250 Principles of Cybersecurity with AI (3)

## Description

### Course Description
This course introduces the fundamentals of cybersecurity with an emphasis on building and maintaining secure computing environments. Students explore core methodologies, technologies, and best practices for protecting systems, networks, and data. Artificial intelligence (AI)–driven tools are integrated throughout the course to demonstrate how modern security operations monitor activity, detect anomalies, and support rapid defense against evolving threats. Learners gain foundational skills in threat identification, access control, and security policy implementation while applying ethical and legal considerations. By combining theoretical knowledge with applied practice, this course prepares students for further study in cybersecurity and covers key objectives required for the CompTIA Security+ certification.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CST200 - Linux Administration

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB260 Introduction to Cloud Solutions (3)

## Description

### Course Description
This course will introduce cloud computing architecture and security concepts. Students will learn about the benefits of cloud computing, cloud characteristics, cloud models and solutions along with deployment methods. Students will also gain knowledge of hardware, storage, thin clients and virtualization in the cloud and skills to implement cloud security fundamentals with virtualization security management.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CST160 - Introduction to Networking

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB260L Introduction to Cloud Solutions LAB (1)

## Description

### Course Description
This course will reinforce cloud computing architecture and security concepts. Students will learn about the benefits of cloud computing, cloud characteristics, cloud models and solutions along with deployment methods. Students will also gain knowledge of hardware, storage, thin clients and virtualization in the cloud and skills to implement cloud security fundamentals with virtualization security management. Students will be able to apply current cloud computing technologies and environments.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CST160 - Introduction to Networking

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- CYB260 - Introduction to Cloud Solutions

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 30 |
| Clinical/Externship | 0 |

# CYB280 Microsoft 365 Administration (3)

## Description

### Course Description
This course will provide students with the knowledge and skills to administer the Microsoft 365 Apps for Enterprise. Students will learn the foundation of Microsoft 365, its impact on business, and how to set up a test environment. Students will learn how to deploy, configure, update, and secure Microsoft 365 Apps for Enterprise.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB240 - Windows Client and Server
- CYB240L - Windows Client and Server LAB

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB300 Advanced Cybersecurity with AI (3)

## Description

### Course Description
This course builds on foundational cybersecurity knowledge by covering intermediate concepts and practices for securing complex systems and networks. Students analyze advanced threat landscapes, explore layered defense strategies, and apply risk management techniques to strengthen organizational security. Emphasis is placed on the integration of AI-enabled defenses, where learners use intelligent tools to detect anomalies, automate responses, and optimize system resilience. Through case studies and applied exercises, students gain experience in securing enterprise environments, evaluating vulnerabilities, and implementing proactive countermeasures. The course aligns with key domains of the CompTIA Security+ certification and equips students with skills valued by employers in security operations and defense roles.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB250 - Principles of Cybersecurity with AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB300L Advanced Cybersecurity with AI Lab (1)

## Description

### Course Description
This course provides a comprehensive, hands-on review of the CompTIA Security+ domains with an emphasis on applied skills and exam readiness. Students engage in interactive labs that reinforce core security concepts, from risk management and access control to cryptography and incident response. Artificial intelligence (AI)–enhanced tools are integrated into lab activities to support vulnerability identification, automate scanning, and strengthen defense strategies, giving students exposure to technologies increasingly used in the field. The course also introduces effective exam preparation strategies, helping students build confidence and proficiency. By practicing all Security+ objectives in a guided environment, learners are well-prepared to successfully pursue the CompTIA Security+ certification.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB300 - Advanced Cybersecurity with AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lab |
| 30 |

# CYB310 Introduction to Data Handling with AI (3)

## Description

### Course Description
This course teaches students to manage, analyze, and secure data using industry-standard artificial intelligence (AI) tools. Learners explore data management strategies, apply security practices, and leverage AI-driven methods to support decision-making and problem-solving. Emphasis is placed on real-world applications, where students organize, clean, and structure data for accuracy and reliability; perform analysis using AI-enhanced techniques; and communicate insights through effective visualization. Practical exercises allow students to evaluate risks, implement protective measures, and apply ethical considerations in handling sensitive information. By combining technical skills with AI-augmented approaches, this course equips students with the competencies needed for data-driven roles in business, cybersecurity, and analytics.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB250 - Principles of Cybersecurity with AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB320 Intermediate Routing and Switching (3)

## Description

### Course Description
This course provides intermediate skill level topics for configuring networked routers and switches. Students will learn network design, variable length subnets, network address translation, details on distance vector and link state routing protocols.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB220 - Introduction to Routing and Switching
- CYB220L - Introduction to Routing and Switching LAB

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB330L Network Routing and Switching LAB (1)

## Description

### Course Description
This course will provide students with the knowledge of routers and switches by simulating the configuration of a small business network in a LAN, WAN environment. Students will learn how to analyze, plan, configure, and administer the router and switch devices and services to support network availability. Students will also use routing protocols that support both IPv4 and IPv6.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB320 - Intermediate Routing and Switching

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lab |
| --- |
| 30 |

# CYB340 Advanced LInux Administration (3)

## Description

### Course Description
This course will provide students with the knowledge to implement Linux network security, network connectivity issues, problem diagnostics, system commands and utilities. Student will learn to configure a Linux system, installing and configuring web, ftp, and DNS services, providing Windows interoperability, and troubleshooting a Linux system by using log files.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CST200 - Linux Administration

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB340L Advanced Linux Administration LAB (1)

## Description

### Course Description
This course will provide students with the knowledge to implement Linux network security, network connectivity issues, problem diagnostics, system commands and utilities. Student will learn to configure a Linux system, installing and configuring web, ftp, and DNS services, providing Windows interoperability, and troubleshooting a Linux system by using log files.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CST200 - Linux Administration

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- CYB340 - Advanced LInux Administration

## Contact Hours

| Lab |
| --- |
| 30 |

# CYB350 Introduction to DevOps and Project Management (3)

## Description

### Course Description
This course introduces students to project management methodologies using Agile, Scrum, and DevOps. Students will learn project management as it relates to software development in the IT industry and learn the role of a project manager that runs a project team.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB260 - Introduction to Cloud Solutions
- CYB260L - Introduction to Cloud Solutions LAB

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB360 Advanced Windows Server (3)

## Description

### Course Description
This course will provide you with the knowledge and skills necessary to install, manage, monitor, configure, and troubleshoot the Windows Server operating system. Topics include Hyper-V, DNS, DHCP, Containers, and Active Directory in a Windows network infrastructure. Students will manage Windows servers in a Hyper-V environment.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB240 - Windows Client and Server
- CYB240L - Windows Client and Server LAB

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB360L Advanced Windows Server LAB (1)

## Description

### Course Description
This course will provide students with the knowledge and skills necessary to install, manage, monitor, configure, and troubleshoot Windows Server. Topics include DNS, DHCP, Remote Access, Network Protocols, and IP Routing in a Windows network infrastructure. Students will also learn about Network Address Translation and Certificate Services.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB240 - Windows Client and Server
- CYB240L - Windows Client and Server LAB

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- CYB360 - Advanced Windows Server

## Contact Hours

| Lab |
| --- |
| 30 |

# CYB380 Network Scripting (3)

## Description

### Course Description
This course will provide students with the knowledge and skills necessary to efficiently operate, manage, and scale an organization's dynamic IT infrastructure. Students will learn to write and use state-of-the-art tools that generate efficient interaction with standard network protocols and effectively manage complex network systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CST200 - Linux Administration

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB400 Ethical Hacking with AI (3)

## Description

### Course Description
This course introduces students to ethical hacking and penetration testing through current tools, frameworks, and professional methodologies. Learners explore each phase of an attack cycle, from reconnaissance and scanning to exploitation and reporting, while applying AI-enhanced techniques to identify vulnerabilities and simulate real-world threats. Hands-on labs provide experience in assessing security risks, executing ethical hacks, and recommending effective countermeasures in alignment with legal and ethical standards. By combining traditional penetration testing skills with AI-driven efficiencies, students develop competencies valued in offensive security roles. This course also supports the knowledge and practical objectives required for the EC-Council Certified Ethical Hacker (CEH) exam, preparing learners for further advancement in cybersecurity careers.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB250 - Principles of Cybersecurity with AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB400L Ethical Hacking with AI Lab (1)

## Description

### Course Description
This course guides students through the analysis, documentation, and reporting of vulnerabilities identified in ethical hacking labs. Learners research real-world threats, examine Common Vulnerabilities and Exposures (CVEs), and apply artificial intelligence (AI)–enhanced tools to support scanning, vulnerability detection, and penetration testing activities. Emphasis is placed on producing professional-quality deliverables, including technical reports and presentations that clearly communicate findings to both technical and non-technical audiences. Students develop the ability to assess security risks, recommend effective mitigation strategies, and present results with clarity, accuracy, and adherence to ethical standards. This course also aligns with key objectives of the EC-Council Certified Ethical Hacker (CEH) exam, reinforcing both technical and communication competencies essential for cybersecurity professionals.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB250 - Principles of Cybersecurity with AI

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- CYB400 - Ethical Hacking with AI

## Contact Hours

| |
|---|
| Lab |
| 30 |

# CYB410 Ethical Hacking with AI II (3)

## Description

### Course Description
As the second course in the penetration testing sequence, this course builds on foundational knowledge to provide students with essential skills in identifying, exploiting, and documenting security vulnerabilities. Learners apply ethical principles while conducting penetration tests and use artificial intelligence (AI)–enhanced tools to strengthen computer and network defenses. A variety of security technologies and concepts are explored to develop an in-depth understanding of secure communication channels, devices, and media. Through applied labs and analysis, students gain practical experience in assessing risks, testing defenses, and implementing protective measures. The course aligns with key domains of the EC-Council Certified Ethical Hacker (CEH) exam, preparing students for advanced study and roles in offensive security.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB400 - Ethical Hacking with AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB420 Applied Cloud Computing and AI (3)

## Description

### Course Description
This course equips students with the knowledge and skills of cloud computing concepts and artificial intelligence (AI) through the Microsoft Azure platform. The first part of the course focuses on cloud fundamentals, including core Azure services, solutions, governance, and security. The last part of the course focuses on core Azure AI services including implementing chatbots. Students will develop an understanding of how Azure cloud and AI technologies support modern business and technical needs.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB260 - Introduction to Cloud Solutions

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB420L Applied Cloud Computing and AI Lab (1)

## Description

### Course Description
This course introduces students to the application of cloud computing and artificial intelligence (AI) through the Microsoft Azure platform. The first part of the course focuses on applying cloud fundamentals, including core Azure services, solutions, governance, and security. The last part of the course focuses on applying core Azure AI services including implementing chatbots. Students will apply Azure cloud and AI technologies to support modern business and technical needs.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB260 - Introduction to Cloud Solutions

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- CYB420 - Applied Cloud Computing and AI

## Contact Hours

| |
|---|
| Lab |
| 30 |

# CYB430 Advanced Defense and Countermeasures with AI (3)

## Description

### Course Description
This course covers the principles and practices of intrusion detection, firewalls, and access control as core components of network defense. Students learn how to configure and evaluate defensive mechanisms that safeguard systems against unauthorized access and malicious activity. Artificial intelligence (AI)–enhanced analysis tools will be used to assist in research and analysis for assignments. Emphasis is placed on applying layered security techniques, analyzing system logs, and designing policies that reinforce organizational resilience. By combining foundational security practices with AI-augmented methods, students gain practical experience in defending networks and developing skills that align with industry needs in security operations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB260 - Introduction to Cloud Solutions

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB430L Advanced Defense and Countermeasures with AI Lab (1)

## Description

### Course Description
This lab-based course provides hands-on experience with intrusion detection systems (IDS), firewall configuration, and security monitoring. Students practice implementing and testing countermeasures designed to prevent, detect, and respond to network-based threats. Artificial intelligence (AI)–enhanced monitoring tools are used to strengthen detection accuracy, automate analysis, and support real-time defense strategies. Through guided exercises, learners gain practical skills in configuring firewalls, analyzing alerts, tuning intrusion detection systems, and applying layered defenses to protect organizational assets. By combining technical practice with AI-augmented approaches, this course prepares students to operate effectively in security operations environments where rapid threat identification and response are critical.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB260 - Introduction to Cloud Solutions

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- CYB430 - Advanced Defense and Countermeasures with AI

## Contact Hours

| |
|---|
| Lab |
| 30 |

# CYB450 AWS Academy Cloud Foundations and AI Tools (3)

## Description

### Course Description
This course introduces students to core concepts of Amazon Web Services (AWS), including cloud services, architecture, and industry best practices. Learners explore advanced topics such as infrastructure, applications, and the AWS Well-Architected Framework to gain insights into how artificial intelligence (AI) services enhance cloud operations. Emphasis is placed on applying AI-driven tools to optimize workloads, monitor performance, and enhance cloud security. Through applied learning and guided exercises, students build working knowledge of AWS cloud environments and develop practical skills aligned with organizational needs. The course covers all objectives found in a multitude of AWS certification exams, preparing students to validate their expertise in cloud fundamentals.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB260 - Introduction to Cloud Solutions

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB460 Kubernetes in Cloud Security with AI (3)

## Description

### Course Description
This course explores the security of Kubernetes clusters in cloud environments with a focus on container orchestration, pod hardening, role-based access control (RBAC), encryption, and ingress/egress controls. Students analyze common vulnerabilities in containerized systems and apply best practices to strengthen cluster defenses. Artificial intelligence (AI) tools are integrated into labs and exercises to enhance monitoring, anomaly detection, and automated response. Hands-on labs guide learners through securing Kubernetes deployments, implementing resilience strategies, and meeting compliance requirements in real-world scenarios. By combining technical depth with AI-augmented approaches, students gain practical experience in protecting containerized environments and develop skills highly valued in cloud security operations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CYB450 - AWS Academy Cloud Foundations and AI Tools

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# CYB490 Information and Cybersecurity Externship I (3)

## Description

### Course Description
The purpose of this course is to provide the graduating Bachelors Degree student with real-world experience in a work area appropriate for their particular CIS concentration. The externship is approved and managed by the faculty advisor for the concentration area, and is graded by the faculty member assigned course management. Students are expected to complete 45 hours of on-the-job work assignments for each 1 Semester Hour of course credit, provide all paperwork related to the externship, including weekly observations and work attendance reports to their course faculty manager.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Clinical/Externship |
| 135 |

# CYB491 Information and Cybersecurity Externship I (1)

## Description

### Course Description
This course provides graduating Bachelors Degree students with real-world experience in a work area appropriate for their particular CIS concentration. Students will learn skills in their field as directed by their faculty member assigned course management, completing 45 hours of on-the-job work assignments for each 1 semester hour of course credit.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Clinical/Externship

45

# CYB492 Information and Cybersecurity Externship II (1)

## Description

### Course Description
This course provides graduating Bachelors Degree students with real-world experience in a work area appropriate for their particular CIS concentration. Students will learn skills in their field as directed by their faculty member assigned course management, completing 45 hours of on-the-job work assignments for each 1 semester hour of course credit.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Clinical/Externship

45

# CYB493 Information and Cybersecurity Externship III (1)

## Description

### Course Description
This course provides graduating Bachelor Degree students with real-world experience in a work area appropriate for their particular CIS concentration. Students will learn skills in their field as directed by their faculty member assigned course management, completing 45 hours of on-the-job work assignments for each 1 semester hour of course credit.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Clinical/Externship

45

# CYB495 Information and Cybersecurity Capstone (3)

## Description

### Course Description
This course is designed to enable students to assimilate the broad educational themes embedded in the major and general education program to support the outcomes of the B.S. Degree in Information and Cybersecurity Operations. As such, the course is constructed to require students to interact as teams and develop and present group reports and presentations that synthesize and support the expected student outcomes in the general education and major core curriculum. Students are required to design, plan, and defend an appropriate project approved by the professor that will enable them to demonstrate individual and group mastery of skills and competencies learned across the entire curriculum. The course helps the students to develop knowledge and skill that may facilitate their career growth as they progress through the ranks toward IT leadership positions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# DEN100 Dental Anatomy (3)

## Description

### Course Description
This course will introduce the student to dental head and neck anatomy and physiology. The focus of this course will include dental terminology related to oral anatomy. Tooth morphology and overview of the dentition is taught at the in-depth level. Students will learn the human skull, including landmarks of the skull, face and oral cavity, bones of the head, and the temporomandibular joint. The musculature, nerves and vascular circulation of the head and neck will be studied. The students will study tooth embryology, histology, structure, components of the periodontium, and systems of tooth identification.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# DEN105 Introduction to Dental Assisting (1)

## Description

### Course Description
The course provides an introduction to the oral health profession and covers basic terminology, historical perspective, the credentialing process, accreditation, professional organizations, ethics, jurisprudence, and professionalism. Students will learn to pronounce, define, and spell key terms.

## Credit Hours

1

## Simple Requirements

**Prerequisite**

### Type
Prerequisite

**None**

**Corequisite**

### Type
Corequisite

**Enroll in the following Courses:**
- DEN110 - Dental Fundamentals

## Contact Hours

Lecture

15

Lab

0

Clinical/Externship

0

# DEN110 Dental Fundamentals (2)

## Description

### Course Description
This course will focus on oral microbiology, plaque formation, plaque-related diseases, sterilization and disinfection principles. Students will learn to pronounce, define, and spell key terms.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN105 - Introduction to Dental Assisting

## Contact Hours

| | |
|---|---|
| Lecture | 30 |
| Lab | 0 |
| Clinical/Externship | 0 |

# DEN120 Clinical Science (2)

## Description

### Course Description
This course emphasizes patient preparation, medical/dental histories, vital signs, oral diagnosis, dental charting and accurate patient treatment records. Management of dental, medical emergencies that may occur in the dental office is achieved in this course. Cardiopulmonary resuscitation (CPR) training for certification and registration is included. Students will learn patient management and the medically compromised patient. The study of therapeutics includes a history of drugs, methods of administration, drug effects, and commonly used drugs in the treatment of oral lesions, anxiety, and pain management. Principles of pharmacology to include; overview and dispensing of drugs, commonly used drugs in dentistry and adverse drug effects will be discussed. Students will learn to pronounce, define, and spell key terms.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy
  **AND** DEN110 - Dental Fundamentals
  **AND** DEN200 - Dental Chairside Assisting
  **AND** DEN200L - Chairside Dental Assisting Lab

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 30 |
| Lab | 0 |
| Clinical/Externship | 0 |

# DEN125 Community Health (1)

## Description

### Course Description
This course provides topics related to community health concerns including identification of specific diseases, symptoms, causes and effects. An emphasis is placed on the promotion of oral health in the community through patient education in oral home care techniques, dietary counseling, plaque control procedures, risks of tobacco, and application of medicinal agents. Students will learn dental illiteracy, psychology, communication and multicultural interaction. The importance of understanding patients with special needs is stressed. The study of oral pathology and recognizing the difference between normal and abnormal conditions will be explored. Students will learn to pronounce, define, and spell key terms.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

0

Clinical/Externship

0

# DEN200 Dental Chairside Assisting (2)

## Description

### Course Description
This course provides instruction in the principles of clinical chairside dental assisting; dental equipment use and maintenance; safety and instrument identification. Students will learn the many varied dental office designs. Students will also learn chairside operatory procedures, infection control practices, provider and ergonomic assistant positioning. Various dental hand pieces and their attachments, dental operative hand instruments and their tray set-ups are included. Anesthesia and pain control will be discussed. Chairside assisting procedures including dental amalgam and composite restorative materials are taught to a competent level. Additional chairside assisting functions include oral illumination, tissue retraction, evacuation, and dental dam, and the tofflemire matrix band. Advanced chairside functions include placing liners, bases, and varnishes for restorative procedures. Students will be able to pronounce, define, and spell key terms.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy
  **AND** DEN110 - Dental Fundamentals

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN200L - Chairside Dental Assisting Lab

## Contact Hours

Lecture

30

Lab

0

Clinical/Externship

0

# DEN200L Chairside Dental Assisting Lab (2)

## Description

### Course Description
This course will challenge the student to link theory with clinical practice. Students will learn how to practice and demonstrate dental assisting skills taught in Dental Chairside Assisting with evaluation by a dental assisting faculty.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy
  **AND** DEN110 - Dental Fundamentals

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN200 - Dental Chairside Assisting

## Contact Hours

| |
|---|
| Lecture |
| 0 |

| |
|---|
| Lab |
| 60 |

| |
|---|
| Clinical/Externship |
| 0 |

# DEN206 Dental Materials (2)

## Description

### Course Description
The course introduces types and properties of dental laboratory materials. A variety of dental cements and bonding agents are selected to highlight the role in preparing, mixing and delivering. Emphasis is placed on dental alginate impressions and wax bites, preparation of elastomeric impression materials, dental gypsum products such as model plaster and laboratory stone, study model. Advanced chairside functions include fabrication of provisional crowns/bridges. Students will be able to pronounce, define, and spell key terms.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy
  **AND** DEN110 - Dental Fundamentals
  **AND** DEN200 - Dental Chairside Assisting
  **AND** DEN200L - Chairside Dental Assisting Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN206L - Dental Materials Lab

## Contact Hours

Lecture

30

Lab

0

# DEN206L Dental Materials Lab (1)

## Description

### Course Description
This course will challenge the student to link theory with clinical practice. Through laboratory practice, the dental assisting student will perfect skills necessary to assume their professional role. Students will learn hands on practical experience which will aid the students to become competent in laboratory skills to include; mixing alginate impression material, taking a preliminary impression, using alginate, pouring dental models, using the inverted-pour method, obtain the bite registration, trimming diagnostic casts/study models, constructing a light-cured custom tray, constructing a vacuum formed bleaching tray, fabricating a temporary crown. Students will learn to pronounce, define, and spell key terms.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy
  **AND** DEN110 - Dental Fundamentals
  **AND** DEN200 - Dental Chairside Assisting
  **AND** DEN200L - Chairside Dental Assisting Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN206 - Dental Materials

## Contact Hours

Lecture

0

Lab

30

# DEN211 Dental Radiology (2)

## Description

### Course Description
This course introduces a broad history of radiography combined with the specific physics of dental radiography in conjunction with the function of the dental x-ray unit. Emphasizes is placed on providing the students the knowledge to understand concepts related to dental radiation, health and safety. Students will gain knowledge and fundamentals to expose and evaluate, process both traditional and digital, as well as mount and label dental radiographs according to anatomical landmarks. Students build on principles and skills in infection control. Students will learn hazards of radiation exposure as well as identification and correction of radiographic pitfalls are emphasized. Students will learn to pronounce, define, and spell key terms.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy
  **AND** DEN110 - Dental Fundamentals
  **AND** DEN200 - Dental Chairside Assisting
  **AND** DEN200L - Chairside Dental Assisting Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN211L - Dental Radiology Lab

## Contact Hours

Lecture

30

Lab

0

# DEN211L Dental Radiology Lab (2)

## Description

### Course Description
This course will challenge the student to link theory with clinical practice. The focus of this course is through laboratory practice, the dental assisting student will perfect the skills necessary to assume their professional role. The Dental Radiography Lab course prepares dental assisting students to operate x-ray units and expose bitewing, periapical, extra oral, and occlusal radiographs. Emphasis is placed on protection against x-ray hazards. Students also process, mount, and evaluate radiographs for diagnostic value. In this course students will first demonstrate competency on a manikin. Students will learn the principles and skills advance, the dental assisting students must demonstrate competence in exposing diagnostically acceptable full-mouth dental image surveys on a minimum of two patients. In addition, they will use radiographs to educate the patients.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy
  **AND** DEN110 - Dental Fundamentals
  **AND** DEN200 - Dental Chairside Assisting
  **AND** DEN200L - Chairside Dental Assisting Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN211 - Dental Radiology

## Contact Hours

Lecture

0

Lab

60

# DEN215 Clinical Dental Procedures (2)

## Description

### Course Description
This course emphasizes the study of various fields of specialized dentistry recognized by the American Dental Association. Provides instruction in clinical chairside assisting and applied psychology through role playing. Emphasis integration and application of previous course content to operative dental procedures. Students learn and become familiar with the terminology pertinent to each specialty field.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy
  **AND** DEN110 - Dental Fundamentals

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN215L - Clinical Dental Procedures Lab

## Contact Hours

| Lecture |
| --- |
| 30 |

| Lab |
| --- |
| 0 |

# DEN215L Clinical Dental Procedures Lab (1)

## Description

### Course Description
This course will challenge the student to link theory with clinical practice. The focus of this course is through laboratory practice, the dental assisting students are practicing and demonstrating dental assisting skills taught in Clinical Dental Procedures with evaluation by a dental assisting faculty. Students will learn to pronounce, define, and spell key terms.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy
  **AND** DEN110 - Dental Fundamentals

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN215 - Clinical Dental Procedures

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 30 |

# DEN220 Dental Practice Management (1)

## Description

### Course Description
This course introduces the student to administrative procedures for a dental office. Students will learn to develop skills in communications and interpersonal relations, appointment scheduling and recall systems, supply and inventory control, account payables and account receivables (collections) as well as other business procedures. Included also, the importance of the Health Insurance Portability and Accountability Act (HIPAA) in dentistry and its implications for record-keeping. Students will learn to pronounce, define, and spell key terms.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy
  **AND** DEN110 - Dental Fundamentals

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

0

# DEN225 Clinical Rotation I (4)

## Description

### Course Description
This course provides the student with 180 hours of clinical extern assignments in various dental specialty practices, as well as general dentistry practices. This is an opportunity for students to obtain practical experience and to reinforce subject matter and skills learned in the classroom. The student will begin interaction with dentist, staff and patient. Students will learn to demonstrate the principles of professionalism, effective communication, infection control, instrumentation, four and six handed dentistry, moisture control, asepsis, vital signs assessment, topical placement, documentation, and computer software integration. Students will assess patient oral hygiene, charting existing restorations and abnormalities. Students will expose, process, and mount radiographs. Students will learn to pronounce, define, and spell key terms.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy
  **AND** DEN105 - Introduction to Dental Assisting
  **AND** DEN110 - Dental Fundamentals
  **AND** DEN120 - Clinical Science
  **AND** DEN125 - Community Health
  **AND** DEN200 - Dental Chairside Assisting
  **AND** DEN200L - Chairside Dental Assisting Lab
  **AND** DEN206 - Dental Materials
  **AND** DEN206L - Dental Materials Lab
  **AND** DEN211 - Dental Radiology
  **AND** DEN211L - Dental Radiology Lab
  **AND** DEN215 - Clinical Dental Procedures
  **AND** DEN215L - Clinical Dental Procedures Lab
  **AND** DEN220 - Dental Practice Management
  **AND** MED104 - Medical Terminology

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN225S - Seminar I
  **OR** DEN230S - Seminar II

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

180

# DEN225S Seminar I (1)

## Description

### Course Description
This course will be held during clinical rotation. Students have the opportunity to discuss and share clinical experiences with other students and faculty. Students will learn to be knowledgeable concerning the state laws in which they are practicing. Professionalism, ethics and jurisprudence will also be discussed. Included in seminar will be instruction on techniques to prepare for Dental Assisting Certification Examinations. Students will demonstrate the ability to pronounce, define, and spell key terms.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN225 - Clinical Rotation I
  **OR** DEN230 - Clinical Rotation II

## Contact Hours

Lecture

15

Lab

0

# DEN230 Clinical Rotation II (3)

## Description

### Course Description
This course provides the student with 135 hours of clinical extern assignments in various dental specialty practices, as well as general dentistry practices. Students will learn to integrate practical experience and to reinforce subject matter and skills taught in the classroom. Students will continue to be assessed with the same skills as DEN 225 and should be showing progression in this course. Students will continue to demonstrate the ability to pronounce, define, and spell key terms.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DEN100 - Dental Anatomy
  **AND** DEN105 - Introduction to Dental Assisting
  **AND** DEN110 - Dental Fundamentals
  **AND** DEN120 - Clinical Science
  **AND** DEN125 - Community Health
  **AND** DEN200 - Dental Chairside Assisting
  **AND** DEN200L - Chairside Dental Assisting Lab
  **AND** DEN206 - Dental Materials
  **AND** DEN206L - Dental Materials Lab
  **AND** DEN211 - Dental Radiology
  **AND** DEN211L - Dental Radiology Lab
  **AND** DEN215 - Clinical Dental Procedures
  **AND** DEN215L - Clinical Dental Procedures Lab
  **AND** DEN220 - Dental Practice Management
  **AND** MED104 - Medical Terminology

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN225S - Seminar I
  **OR** DEN230S - Seminar II

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

135

# DEN230S Seminar II (1)

## Description

### Course Description
This course will be held during clinical rotation. Students will be instructed on techniques to prepare for Dental Assisting Certification Examinations. Students will learn to integrate practical experience and to reinforce subject matter and skills taught in the classroom. Students will demonstrate competence in pronouncing, defining, and spelling key terms.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DEN225 - Clinical Rotation I
  **OR** DEN230 - Clinical Rotation II

## Contact Hours

Lecture

15

Lab

0

# DMS100 Essentials of Sonography and Patient Care (3)

## Description

### Course Description
This course is designed to provide an overview of Diagnostic Medical Sonography and the role of the sonographer in the health care delivery system. The student will learn the functional responsibilities of the sonographer, and ergonomic principles to minimize and/or prevent work-related musculoskeletal disorders (WRMSD) will be discussed. Medical law, ethics, practices, and policies of the health care organizations will be examined to include Patient's Bill of Rights, Standard Precautions and Health Insurance Portability and Accountability Act (HIPAA). Discussion of basic patient care and comfort principles will include patient transfer, oxygen, the taking of blood pressure, respiration, and pulse.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# DMS105 Ultrasound Physics and Instrumentation (3)

## Description

### Course Description
The student will learn the basic concepts of ultrasound physics, frequency, velocity, sound attenuation in tissue, power and intensity, image formation, focal zones, transducer selection, image optimization, harmonics, spectral and color Doppler principles. Students will learn how they are applied to basic ultrasound instrumentation controls, digital signal and image processing, image quality and Doppler flow analysis. Concepts of acoustic artifacts will be introduced. The ALARA principle, biological effects, and safety will be stressed. The student will learn to perform measurements, pre and post processing enhancement, documentation and recording capabilities, picture archiving, digital imaging and communication in medicine. The student will be introduced to 3D/4D imaging and emerging technologies. The student will apply and manipulate these principles on ultrasound instruments in the scanning lab.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PHY120 - Physics
- PHY120L - Physics Lab

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# DMS105L Ultrasound Physics and Instrumentation Lab (1)

## Description

### Course Description
Correlated laboratory and scanning exercises using modern Diagnostic Medical ultrasound instrumentation.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DMS105 - Ultrasound Physics and Instrumentation

## Contact Hours

Lecture

0

Lab

30

# DMS106 Ultrasound Physics and Instrumentation (3)

## Description

### Course Description
This course is a continuation of DMS105. The student will continue to learn the basic concepts of ultrasound physics, frequency, and velocity, sound attenuation in tissue, power and intensity, image formation, focal zones, transducer selection, image optimization, harmonics, spectral and color Doppler principles. Students will learn how they are applied to basic ultrasound instrumentation controls, digital signal and image processing, image quality and Doppler flow analysis. Concepts of acoustic artifacts will be introduced. The ALARA principles, biological effects and safety will be stressed. The student will learn to perform measurements. Concepts also discussed are pre- and post-processing enhancement, documentation and recording capabilities, picture archiving, digital imaging and communication in medicine, 3D/4D imaging and emerging technologies.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS105 - Ultrasound Physics and Instrumentation

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# DMS106L Ultrasound Instrumentation LAB II (1)

## Description

### Course Description
This laboratory course will support DMS106. The student will continue to learn basic operating controls of the ultrasound instrument, and apply the basic concepts of frequency, velocity, sound attenuation in tissue, power and intensity, image formation, focal zones, transducer selection, image optimization, harmonics, spectral and color Doppler principles, on ultrasound instruments in the scanning lab. Student will also learn to set up and maintain a suitable scanning environment.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS105 - Ultrasound Physics and Instrumentation
- DMS105L - Ultrasound Physics and Instrumentation Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DMS106 - Ultrasound Physics and Instrumentation

## Contact Hours

Lecture

0

Lab

30

# DMS107 Ultrasound Physics and Instrumentation (2)

## Description

### Course Description
The student will learn the basic concepts of ultrasound physics, frequency, velocity, sound attenuation in tissue, power and intensity, image formation, focal zones, transducer selection, image optimization, harmonics, spectral and color Doppler principles. Students will learn how they are applied to basic ultrasound instrumentation controls, digital signal and image processing, image quality and Doppler flow analysis. Concepts of acoustic artifacts will be introduced. The ALARA principle, biological effects, and safety will be stressed. The student will learn to perform measurements, pre and post processing enhancement, documentation and recording capabilities, picture archiving, digital imaging and communication in medicine. The student will be introduced to 3D/4D imaging and emerging technologies. The student will apply and manipulate these principles on ultrasound instruments in the scanning lab.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PHY120 - Physics
  **AND** PHY120L - Physics Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DMS107L - Ultrasound Physics and Instrumentation Lab

## Contact Hours

| | |
|---|---|
| Lecture | 30 |
| Lab | 0 |
| Clinical/Externship | 0 |

# DMS107L Ultrasound Physics and Instrumentation Lab (1)

## Description

### Course Description
Correlated laboratory and scanning exercises using modern Diagnostic Medical Ultrasound instrumentation.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PHY120 - Physics
  **AND** PHY120L - Physics Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DMS107 - Ultrasound Physics and Instrumentation

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 30 |
| Clinical/Externship | 0 |

# DMS108 Ultrasound Physics and Instrumentation II (2)

## Description

### Course Description
This course is a continuation of DMS107. The student will continue to learn the basic concepts of ultrasound physics, frequency, and velocity, sound attenuation in tissue, power and intensity, image formation, focal zones, transducer selection, image optimization, harmonics, spectral and color Doppler principles. Students will learn how they are applied to basic ultrasound instrumentation controls, digital signal and image processing, image quality and Doppler flow analysis. Concepts of acoustic artifacts will be introduced. The ALARA principles, biological effects and safety will be stressed. The student will learn to perform measurements. Concepts also discussed are pre and post processing enhancement, documentation and recording capabilities, picture archiving, digital imaging and communication in medicine, 3D/4D imaging and emerging technologies.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS107 - Ultrasound Physics and Instrumentation
  **AND** DMS107L - Ultrasound Physics and Instrumentation Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DMS108L - Ultrasound Instrumentation Lab II

## Contact Hours

| | |
|---|---|
| Lecture | 30 |
| Lab | 0 |
| Clinical/Externship | 0 |

# DMS108L Ultrasound Instrumentation Lab II (1)

## Description

### Course Description
This laboratory course will support DMS108. The student will continue to learn basic operating controls of the ultrasound instrument, and apply the basic concepts of frequency, velocity, sound attenuation in tissue, power and intensity, image formation, focal zones, transducer selection, image optimization, harmonics, spectral and color Doppler principles, on ultrasound instruments in the scanning lab. Student will also learn to set up and maintain a suitable scanning environment.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS107 - Ultrasound Physics and Instrumentation
  **AND** DMS107L - Ultrasound Physics and Instrumentation Lab

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DMS108 - Ultrasound Physics and Instrumentation II

## Contact Hours

| |
|---|
| Lecture |
| 0 |

| |
|---|
| Lab |
| 30 |

| |
|---|
| Clinical/Externship |
| 0 |

# DMS109 Sectional Anatomy (3)

## Description

### Course Description
This course focuses on the detailed appearance of normal sectional anatomy in the transverse, longitudinal, and coronal planes used during sonographic examinations. Anatomy will be identified using cross-sectional cadaver images and correlated with sonographic images. Emphasis will be placed on the anatomy of the adult abdomen and pelvis which is seen sonographically. Structures are described according to their position and location in the body and their relationship to each other using medical terminology. Topics will also include basic organ function.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO116 - Anatomy and Physiology with Terminology II
  **AND** BIO116L - Anatomy and Physiology with Terminology II Lab

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# DMS200 Abdominal Sonography (3)

## Description

### Course Description
This course introduces students to the normal sonographic findings, physiology and laboratory data of the abdomen, as well as abnormal and commonly found pathology, with correlated laboratory scanning exercises. Emphasis will be placed on anatomic and physiologic relationships within the abdominal cavity including the abdominal vascular system, liver, gallbladder, biliary system, pancreas, gastrointestinal tract, urinary system, spleen, retro-peritoneum and peritoneal cavity, and abdominal wall.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS108 - Ultrasound Physics and Instrumentation II
  **AND** DMS108L - Ultrasound Instrumentation Lab II
  **AND** DMS109 - Sectional Anatomy

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lecture |
| 30 |

| |
|---|
| Lab |
| 30 |

| |
|---|
| Clinical/Externship |
| 0 |

# DMS201 Advanced Abdominal Sonography (3)

## Description

### Course Description
This course reinforces and expands on concepts learned in Abdominal Sonography (DMS200), with correlated laboratory scanning exercises. Emphasis will be placed on sonographic findings and indications. Case studies will be used to further discuss abnormal sonographic findings. Sonography of the small pars will be discussed with emphasis on the breast, thyroid, and scrotum. Basic sonographic evaluation of the pediatric patients will be introduced.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS200 - Abdominal Sonography

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 30 |
| Lab | 30 |
| Clinical/Externship | 0 |

# DMS202 Obstetrics and Gynecologic Sonography (3)

## Description

### Course Description
This course introduces student to gynecologic sonography with an introduction to obstetric ultrasound. Emphasis will be placed on a comprehensive knowledge of normal and abnormal anatomy, physiology and sonographic appearances of the female reproductive system in the pregnant and non-pregnant state and correlate with clinical symptoms, patient history, and exam indications. Students will learn non-pregnant pelvic and first trimester obstetrical scanning techniques and protocols that are correlated with hands on scanning exercises. Topics will also include clinical ethics for obstetric sonography, ectopic pregnancy, the role of ultrasound in evaluation of female infertility, and developmental stages of the embryo and fetus up to 14 weeks.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS109 - Sectional Anatomy

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

30

Clinical/Externship

0

# DMS203 Advanced Obstetric Sonography (3)

## Description

### Course Description
This course will teach the sonographic evaluation of the second and third trimester fetus from 14 weeks to term. Maternal and fetal assessment in the abnormal pregnancy including congenital anomalies, intrauterine growth restriction will be discussed. Students will build upon their basic scanning skills with correlated laboratory exercises.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS202 - Obstetrics and Gynecologic Sonography

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 30 |
| Lab | 30 |
| Clinical/Externship | 0 |

# DMS204 Vascular I (3)

## Description

### Course Description
This course will reinforce vascular anatomy and physiology, Emphasis will be placed on sonographic findings and indications for transcranial and extra cranial sonography. Topics will include hemodynamics, statistics, and quality assurance. Vascular physics and instrumentation including spectral analysis, color Doppler, pulse and continuous wave Doppler will be reviewed.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lecture<br>30 |
| Lab<br>30 |
| Clinical/Externship<br>0 |

# DMS205 Vascular II (3)

## Description

### Course Description
This course will review normal and abnormal anatomy and physiology of the abdominal vascular system. Emphasis will be placed on normal and abnormal anatomy and physiology of the peripheral vascular system. Students will learn the different types of vascular disease and will be able to demonstrate their ability to perform the necessary vascular procedures and will know and understand the other invasive and noninvasive exams that can be utilized. Students should be proficient in the use of quantitative principles applied to peripheral vascular testing.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS204 - Vascular I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

30

Clinical/Externship

0

# DMS206 Introduction to Clinical Education (1)

## Description

### Course Description
This course will be the first opportunity for students to develop their newly learned skills in a clinical patient care setting. Students will demonstrate how to effectively deal with patient care issues, patient preparation, history taking and communication while keeping patients information confidential. Students may report to their site for orientation, department policy and procedure review, and to get oriented to their clinical team as well as the facility. Emphasis will be placed on students professional qualities as it pertains to their behavior and interaction with patients, sonographers and physicians. Students may begin to conduct sonographic exams under direct supervision of staff sonographers.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS204 - Vascular I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DMS205 - Vascular II

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# DMS207 Clinical Education I (4)

## Description

### Course Description
This course will develop the student's ultrasound scanning skills in a clinical patient care environment such as a private diagnostic imaging setting or local hospital. The student will be exposed to abdominal, obstetrics, gynecology, small parts, and vascular ultrasonography where they will learn to perform ultrasound exams, effectively deal with patient care issues including patient preparation, patient history taking, and patient confidentiality,pertinent clinical laboratory values,and communication. Emphasis will be placed on the student's professional qualities as it relates to conduct, behavior and patient/sonographer interaction.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS206 - Introduction to Clinical Education

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

180

# DMS208 Clinical Education II (4)

## Description

### Course Description
This course provides students with continued work experience in a hospital, private office or clinic setting. Students will improve their skills in performing procedures of abdominal, small parts, vascular, obstetrics and gynecology ultrasound exams, with a goal toward completing competencies in specific organ systems. While clinical experience will further expose the student to the professional medical environment, emphasis will be placed on the student learning to effectively communicate with the radiology and medical staff. Students will conduct sonographic examinations under direct and indirect supervision of staff sonographers and a clinical instructor.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS207 - Clinical Education I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

180

# DMS209 Clinical Education III (4)

## Description

### Course Description
This course provides students with continued hospital/clinic setting work experience. Students refine scanning techniques, increase speed of exam completion, and develop professional work habits. Emphasis will be placed on developing critical thinking approaches to sonographic examinations as it relates to forming differential diagnoses of abnormal findings. Students will conduct sonographic examinations under direct and indirect supervision of staff sonographers and a clinical instructor, while continuing to complete competency and proficiency objectives.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS208 - Clinical Education II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

180

# DMS210 Clinical Education IV (4)

## Description

### Course Description
This course provides students with continued hospital/clinic setting work experience. Students refine scanning techniques, increase speed of exam completion, professional work habits, and critical thinking. Students will observe and conduct sonographic examinations under direct and indirect supervision of staff sonographers and a clinical instructor, with an emphasis on scanning unassisted. Students will continue to complete proficiency objectives.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS209 - Clinical Education III

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

180

# DMS211 Clinical Education V (4)

## Description

### Course Description
Course DescriptionThis course provides students with continued hospital/clinic setting work experience. Students increase speed of exam completion; refine scanning techniques, professional work habits, and critical thinking. Students will conduct unassisted sonographic examinations under direct and indirect supervision of staff sonographers and a clinical instructor. Students will continue to complete proficiency objectives. Clinical training may also include on-campus laboratory scanning.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS210 - Clinical Education IV

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

180

# DMS212 Abdominal Sonography (2)

## Description

### Course Description
This course introduces students to the normal sonographic findings, physiology and laboratory data of the abdomen, as well as abnormal and commonly found pathology, with correlated laboratory scanning exercises. Emphasis will be placed on anatomic and physiologic relationships within the abdominal cavity including the abdominal vascular system, liver, gallbladder, biliary system, pancreas, gastrointestinal tract, urinary system, spleen, retroperitoneum and peritoneal cavity, and abdominal wall.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS109 - Sectional Anatomy

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- DMS216 - Ultrasound Scanning

## Contact Hours

Lecture

15

Lab

30

# DMS213 Clinical Education VI (2)

## Description

### Course Description
This course provides students with continued hospital/clinic setting work experience. Students increase speed of exam completion, refine scanning techniques, professional work habits, and critical thinking. Students will conduct unassisted sonographic examinations under direct and indirect supervision of staff sonographers and a clinical instructor. Students will continue to complete proficiency objectives.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS211 - Clinical Education V

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 90 |

# DMS216 Ultrasound Scanning (2)

## Description

### Course Description
This course introduces students to ultrasound scanning of the abdomen, pelvis, superficial anatomy and the fetus. Emphasis will be placed on ultrasound scanning principles and protocols with correlated hands on scanning exercises. Students will learn the process of routine sonographic examination, follow professional protocols in obtaining ultrasound images, and learn to optimize those images to a diagnostic standard.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# DMS219 Advanced Abdominal Sonography (3)

## Description

### Course Description
This course reinforces and expands on concepts learned in Abdominal Sonography (DMS218), with correlated laboratory scanning exercises. Emphasis will be placed on sonographic findings and indications. Case studies will be used to further discuss abnormal sonographic findings. Sonography of the small parts will be discussed with emphasis on the breast, thyroid, and scrotum. Basic peripheral vascular sonography will be introduced as well as sonographic evaluation of the pediatric patient.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS212 - Abdominal Sonography

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

30

Clinical/Externship

0

# DMS222 Obstetrics and Gynecologic Sonography (2)

## Description

### Course Description
This course introduces student to gynecologic sonography with an introduction to obstetric ultrasound. Emphasis will be placed on a comprehensive knowledge of normal and abnormal anatomy, physiology and sonographic appearances of the female reproductive system in the pregnant and non-pregnant state and correlate with clinical symptoms, patient history, and exam indications. Students will learn non-pregnant pelvic and first trimester obstetrical scanning techniques and protocols that are correlated with hands on scanning exercises. Topics will also include clinical ethics for obstetric sonography, ectopic pregnancy, the role of ultrasound in evaluation of female infertility, and developmental stages of the embryo and fetus up to 14 weeks.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS109 - Sectional Anatomy
  **AND** DMS216 - Ultrasound Scanning

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# DMS241 General/SPI Registry Review (2)

## Description

### Course Description
This course reviews material covered throughout the diagnostic medical sonography program that will prepare the student for the American Registry of Diagnostic Medical Sonographers (ARDMS) registry examinations in Ultrasound Physics and Instrumentation, Abdomen, Obstetrics and Gynecology and Vascular.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- DMS211 - Clinical Education V

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

0

# ECO201 Macroeconomics (3)

## Description

### Course Description
This course introduces the basic principles of economics, with emphasis upon macroeconomic theory and analysis. Topics covered in this course include the scope and nature of economics, ideology and structure of the American economy, national income and employment theory, business fluctuations, money and banking, fiscal and monetary policies and economic growth.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**

- MTH099 - Introduction to Mathematics

**OR**

Prerequisite

**Qualifying Score on Placement Test**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ECO202 Microeconomics (3)

## Description

### Course Description
This course is an introduction to basic principles in economics, with an emphasis on microeconomics theory. Students will study how fundamental economic variables impact both individuals and businesses, applying critical thinking skills to consider how businesses can most effectively respond to market forces.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**
- MTH099 - Introduction to Mathematics

**OR**

Prerequisite

**Qualifying Score on Placement Test**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET504 Robot Operating System, ROS (3)

## Description

### Course Description
This course introduces students to the fundamentals of the Robot Operating System (ROS), a flexible framework for writing robot software. Topics covered include ROS libraries and frameworks like MoveIt for motion planning and navigation stack for robot navigation. Students will learn how to create ROS nodes, integrate sensors and actuators, simulate robots in different environments, and implement complex robot behaviors.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# EET506 Autonomous Vehicles (3)

## Description

### Course Description
This course introduces students to the various autonomous vehicles: aerial, ground, and water. Topics covered include the principles of perception, focusing on sensor technologies such as cameras, LiDAR, and inertial measurement units (IMUs). Students will design and implement autonomous systems capable of perception, localization, mapping, decision-making, and control.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# EET632 Pattern Recognition and Machine Learning (3)

## Description

### Course Description
This course will provide students with knowledge and skills of machine learning based on unified, probabilistic approach. Topics include study of probability, optimization, conditional random fields, regularization and deep learning. Students will learn pattern recognition and machine learning principles relating to robotics systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# EET650 Project I (3)

## Description

### Course Description
This course is the first phase of the culminating experience in engineering technology through a practical project spanning the conceptual design, planning, and specification to the implementation, testing, and evaluation of the system. Faculty approval is required for the formally presented proposed project.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# EET652 Project II (3)

## Description

### Course Description
This course is the second phase of the culminating experience in engineering technology through a practical project spanning the conceptual design, planning, and specification to the implementation, testing and evaluation of the system. Students will apply learned principles and tools to the design and implementation of a faculty approved project.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# EET110 Electric Circuits I (3)

## Description

### Course Description
This course covers the fundamental principles of electric circuits, including atomic structure, voltage, current, resistance, and power. Students will analyze series, parallel, and series-parallel circuits using Ohm's Law and power formulas. Network theorems such as source conversion, Thevenin and Norton are covered. Laboratory exercises reinforce theoretical concepts and focus on circuit construction, measurement, and troubleshooting techniques.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH131 - College Algebra

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET111 Electric Circuits II (3)

## Description

### Course Description
This course covers AC fundamentals. Students will learn about AC signals, capacitors, inductors, and transformers. AC analysis of pure resistive, inductive, and capacitive circuits will be covered. AC frequency response of RL, RC, and RLC circuits will also be covered.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET110 - Electric Circuits I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EET111L - Electric Circuits Lab

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# EET111L Electric Circuits Lab (1)

## Description

### Course Description
This course covers practical applications of DC and AC concepts. Students will learn about use of simulation software and test equipment for DC and AC circuit analysis and troubleshooting.

## Credit Hours

1

## Simple Requirements

**Prerequisite**

### Type
Prerequisite

**Complete ALL of the following Courses:**
- EET110 - Electric Circuits I

**Corequisite**

### Type
Corequisite

**Enroll in the following Courses:**
- EET111 - Electric Circuits II

## Contact Hours

Lecture

0

Lab

30

# EET113 DC and AC Circuits (3)

## Description

### Course Description
This course provides an introduction to AC and DC circuits through simple series and series-parallel circuits used to illustrate applications of Ohm’s Law and Kirchhoff’s Laws. Students will learn about power in DC resistive circuits and sine waves, complex numbers, and phasors applications in the analysis of AC circuits.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH200 - Pre-calculus

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET120 Semiconductor Devices (3)

## Description

### Course Description
This course covers the theory and operation of analog electronic devices and circuits. Students will learn about the use of diodes, bipolar junction (BJT) transistors, and field effect transistors as circuit elements in application circuits such as; Power supplies, Clippers, Clampers, Amplifiers, and Multipliers.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- EET111 - Electric Circuits II
  **OR** ESET111 - Electric Circuits II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# EET121 Electronic Systems Applications (3)

## Description

### Course Description
This course is a continuation of the theory and operation of analog electronic devices and circuits. Students will learn about large-signal amplifiers, operational amplifiers, oscillators, multi-vibrators and regulated power supplies.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET120 - Semiconductor Devices

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET130 Digital Systems I (3)

## Description

### Course Description
This course covers basic digital concepts. Students will learn about number systems, Boolean algebra, logic minimization, and combinational design. Students apply learned concepts to design and implement combinational logic circuits with input and output interfacing devices.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- EET111 - Electric Circuits II
- ESET111 - Electric Circuits II
- EET113 - DC and AC Circuits

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET200 Externship-EET III (3)

## Description

### Course Description
This course provides the student with technical training in a technical setting facility. Training related experience should demonstrate student's achievement of program's learning objectives. The course is coordinated and graded by faculty while incorporating employer's assessment of student's performance.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 135 |

# EET203 Externship-EET I-a (1)

## Description

### Course Description
This course provides the student with technical training in a technical setting facility. Training related experience should demonstrate student's attainment of program's learning outcomes. The course is coordinated and graded by faculty while incorporating employer's assessment of student's performance.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 45 |

# EET204 Externship-EET I-b (1)

## Description

### Course Description
This course provides the student with technical training in a technical setting facility. Training related experience should demonstrate student's attainment of program's learning outcomes. The course is coordinated and graded by faculty while incorporating employer's assessment of student's performance.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# EET205 Externship-EET I-c (1)

## Description

### Course Description
This course provides the student with technical training in a technical setting facility. Training related experience should demonstrate student's attainment of program's learning outcomes. The course is coordinated and graded by faculty while incorporating employer's assessment of student's performance.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# EET207 Applied Engineering Programming (3)

## Description

### Course Description
This course introduces students to structured programming using the high level language Python. Students will learn data variables, control statements, arithmetic operations, plotting, and built-in functions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC100 - Introduction to Programming

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lecture |
| 45 |

| |
|---|
| Lab |
| 0 |

| |
|---|
| Clinical/Externship |
| 0 |

# EET220 Industrial Applications (3)

## Description

### Course Description
This course covers the basic principles of thyristors and motor characteristics. Student will learn about process control systems concepts and various sensors technologies.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- EET121 - Electronic Systems Applications
  **OR** EET223 - Electronic Devices and Operational Amplifiers

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET221L Instrumentation and Measurement Lab (1)

## Description

### Course Description
This course covers the fundamental principles of electronic instrumentation and computer-based Data Acquisition. Topics covered includes Active filters, Instrumentation amplifiers, the use of graphical software for the development of real-time data gathering, analysis and presentation using virtual instruments. Students will be introduced to sources and effects of errors, Op-amp based Instrumentation amplifiers & their applications, creation and use of Virtual Instruments using LabVIEW based graphical programming.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- EET121 - Electronic Systems Applications
  **OR** EET223 - Electronic Devices and Operational Amplifiers

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

# EET223 Electronic Devices and Operational Amplifiers (3)

## Description

### Course Description
This course teaches working principles and applications of electronic devices such as diode, transistors, operational amplifiers, instrumentation operational amplifiers, power operational amplifiers, and passive and active filters. Students will learn the basics of semiconductor devices, operational amplifier, and passive and active filters.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET113 - DC and AC Circuits

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET230 Digital Systems II (3)

## Description

### Course Description
This course covers flip-flops, counters, shift registers, memory devices, and storage. Students will learn about sequential circuits, state machines, Analog-to-Digital (ADC) and Digital-to-Analog (DAC) converters.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET130 - Digital Systems I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET230L Digital Systems Lab (1)

## Description

### Course Description
This course covers digital logic design and implementation. Topics covered include both combinational and sequential logic. Students are introduced to Programmable array logic (PAL) and gate array logic (GAL) digital circuits. The course's emphasis is on the development of skills/techniques needed by a technician/technologist for the production and testing of a system.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET230 - Digital Systems II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

# EET231 Introduction to Programmable Logic Controllers (3)

## Description

### Course Description
This course introduces students to the fundamentals of Programmable Logic Controllers (PLCs). Students will learn about process automation and control systems through the use of hands on implementation and troubleshooting of existing PLC configurations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET220 - Industrial Applications

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET231L Introduction to Programmable Logic Controllers Lab (1)

## Description

### Course Description
This course introduces students to the practical applications of Programmable Logic Controllers (PLCs). Students will implement various projects using some of the most common PLCs, used in industry.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET231 - Introduction to Programmable Logic Controllers

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 30 |

# EET233 Robotics and Smart Manufacturing (SM) (3)

## Description

### Course Description
This course provides students with an overview of Smart Manufacturing with an emphasis on Industry 4.0, robotics, smart sensors, and Industrial Internet of Things, IIoT. Students will learn about the role of Artificial Intelligence (AI) in Smart Manufacturing as well as the various robot configurations, control & programming, and data visualization dashboards for IIoT.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# EET233L Robotics and Smart Manufacturing (SM) Lab (1)

## Description

### Course Description
This course introduces students to the design and implementation of industrial workcells and IIoT dashboards. Students will learn about robot safety as well as tools and techniques for creating and modifying programmed motions.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET233 - Robotics and Smart Manufacturing (SM)

**Corequisite**

**Type**
Completion Requirement

**None**

## Contact Hours

| Lab |
| --- |
| 30 |

# EET251 Computer Configuration II (3)

## Description

### Course Description
This course continues the study of computer systems to include disk drive organization, peripheral devices, and networking concepts. Students will learn the operation and internal functions of a variety of peripheral devices commonly found in small office systems, including printers and monitors; RAID disk configurations; backup methods; and the fundamentals of networking.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CST120 - Computer Configuration I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET251L Computer Configuration II Lab (1)

## Description

### Course Description
The course covers the installation and configuration of operating systems. Students will configure network connections and security for both wired and wireless devices.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CST160 - Introduction to Networking

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EET251 - Computer Configuration II

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 30 |

# EET272 Fiber Optics Communication (3)

## Description

### Course Description
This course provides an introduction to fiber optics. Students will learn about the optical characteristics of optical fibers, fiber optic communications systems including modulators and detectors, and electro-optic sensors.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH131 - College Algebra

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET272L Fiber Optics Communication LAB (1)

## Description

### Course Description
This course provides an extensive hands-on laboratory experience to prepare the students for the installation of fiber optic networks.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EET272 - Fiber Optics Communication

## Contact Hours

Lecture

0

Lab

30

# EET280 Introduction to Communication Systems (3)

## Description

### Course Description
This course covers radio frequency fundamentals and the concepts of data and information communication systems. Students will learn analog modulation techniques, electromagnetic wave propagation, path loss, multiple access techniques and introductory topics in antenna theory, transmission lines and satellite systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET121 - Electronic Systems Applications
  **AND** MTH200 - Pre-calculus

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# EET301 Special Topics in Engineering Technology (3)

## Description

### Course Description
This course provides an in-depth review of Engineering Technology topics. Students will learn aspect of research in engineering technology by completing research projects.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET302 Externship-EET Sr. III (3)

## Description

### Course Description
This course provides the student with technical training in a technical setting facility. Training related experience should demonstrate student's achievement of program's learning objectives. The course is coordinated and graded by faculty while incorporating employer's assessment of student's performance. EET200 and EET302 may be repeated for credit up to a total maximum of 6 credits.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

135

# EET306 Externship-EET Sr. I-a (1)

## Description

### Course Description
This course provides the student with technical training in a technical setting facility. Training related experience should demonstrate student's attainment of program's learning outcomes. The course is coordinated and graded by faculty while incorporating employer's assessment of student's performance.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# EET307 Externship-EET Sr. I-b (1)

## Description

### Course Description
This course provides the student with technical training in a technical setting facility. Training related experience should demonstrate student's attainment of program's learning outcomes. The course is coordinated and graded by faculty while incorporating employer's assessment of student's performance.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 0 |

| Clinical/Externship |
| --- |
| 45 |

# EET308 Externship-EET Sr. I-c (1)

## Description

### Course Description
This course provides the student with technical training in a technical setting facility. Training related experience should demonstrate student's attainment of program's learning outcomes. The course is coordinated and graded by faculty while incorporating employer's assessment of student's performance.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 0 |

| Clinical/Externship |
| --- |
| 45 |

# EET309 Externship-EET Sr. II (2)

## Description

### Course Description
This course provides the student with technical training in a technical setting facility. Training related experience should demonstrate student's attainment of program's learning outcomes. The course is coordinated and graded by faculty while incorporating employer's assessment of student's performance.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 90 |

# EET310 Circuit Analysis (3)

## Description

### Course Description
This course covers network theorems. Students will learn about electrical circuits' analysis using circuit theorems such as superposition, node-voltage and mesh current. Students are introduced to dependent source models as well as three-phase systems and their applications. Two-port network parameters such as Z and H parameters are also covered.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- EET111 - Electric Circuits II
  **OR** ESET111 - Electric Circuits II

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH200 - Pre-calculus

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET320 Semiconductor Processing (3)

## Description

### Course Description
This course provides a broad look at the current state of Microelectronic & Silicon Manufacturing. Students will learn about different fabrication steps such as silicon wafer growth, oxidation, diffusion, ion implantation, rapid thermal processing as well as photo-resist and optical photo-lithography. Various processing techniques are discussed such as vacuum science and plasma process, wet and dry etch processes, evaporation and sputtering process, thin film deposition and CWD (Chemical wafer deposition) process.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET121 - Electronic Systems Applications

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# EET331 Programmable Controllers and Robotics (3)

## Description

### Course Description
This course covers advanced principles of control systems. Students are introduced to industrial control and statistical process control concepts. Sensor applications and Hands-on applications in programming and troubleshooting of Programmable Logic Controllers are emphasized.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET231 - Introduction to Programmable Logic Controllers

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# EET331L Programmable Controllers and Robotics Lab (1)

## Description

### Course Description
This course is offered in conjunction with the Programmable Controllers and Robotics course. Students are required to design and implement several projects using the PLC used. Extensive hands-on exercises are used to emphasize the concepts discussed.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET331 - Programmable Controllers and Robotics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

# EET333 Robotics Programming and Machine Learning (3)

## Description

### Course Description
This course introduces students to the integration of machine vision and robotic systems as well as the application of Artificial Intelligence (AI) in manufacturing. Students will learn about the application of programming languages and machine learning algorithms to perform time series data analysis.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET207 - Applied Engineering Programming
  **AND** EET331 - Programmable Controllers and Robotics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# EET333L Robotics Programming and Machine Learning Lab (1)

## Description

### Course Description
This course provides students with hands-on application of Artificial Intelligence (AI) in manufacturing. Students will learn about the integration of Machine Vision, PLCs, and Robots with Machine Learning for Smart Manufacturing.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET333 - Robotics Programming and Machine Learning

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lab |
| --- |
| 30 |

# EET350 Overview of Electronic Security Devices (3)

## Description

### Course Description
This course provides an overview of electronic security devices useful for a number of electronics, computer, information science, business, and criminal justice career paths. Students will learn about electronic locks, access controls and badges, biometrics, alarms, lighting, detectors, video, recorders, network infrastructure security, and other electronic security devices.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ENG110 - College Composition
  **AND** MTH131 - College Algebra

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET352 Engineering Economics (3)

## Description

### Course Description
This course introduces students to engineering economics and making decisions based upon expected costs and benefits in operation and project proposals. Students will learn good decision making, how to determine whether a solution to a problem is technically feasible, and how to approach the problem.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET380 Digital Communications I (3)

## Description

### Course Description
This course covers basic digital communications techniques. Students are introduced to baseband pulse and digital modulations, binary and M-ary RF digital modulations, multiplexing and demultiplexing techniques, channel fading, and noise effects on digital communication.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET230 - Digital Systems II

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- EET280 - Introduction to Communication Systems
  **OR** ESET280 - Introduction to Communication Systems

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET390 Motor Drives (3)

## Description

### Course Description
This course introduces students to a broad range of motor types and their control systems, workplace safety, and electric motor operation. Topics covered include motor sizing, selection of motor type(s), control of motors, motor schematics, nameplates, and terminology.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET220 - Industrial Applications

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET390L Motor Drives Lab (1)

## Description

### Course Description
This course is offered in conjunction with the Motor Drives course. Students are required to design and implement three projects. Extensive hands-on exercises are used to emphasize the concepts discussed.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET390 - Motor Drives

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

# EET411 Senior Project (3)

## Description

### Course Description
A project based course requiring students to implement, test and demonstrate a solution to a problem statement related to engineering technology systems. Students are expected to demonstrate achievement of program's learning objectives throughout the course. The course is coordinated and graded by faculty while incorporating employer's assessment, if possible, of student's performance. Industry sponsored projects can be used when applicable

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET411L Senior Project Lab (1)

## Description

### Course Description
Students will produce individual or group projects that support their specific concentration and will be combined with various concentrations, when possible, to produce an Engineering Technology centric experience. Students will be individually and group assessed for their specific performance. Industry sponsored projects can be used when applicable. The course is coordinated and graded by faculty while incorporating employer's assessment, if possible, of student's performance.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

# EET430 Microcontrollers (3)

## Description

### Course Description
This course covers the fundamental principles of Microcontroller technologies. Students are introduced to Microcontrollers and embedded systems. Topics covered include architecture, memory map, I/O interfacing, and interrupts. Application projects are an integral part of the course requiring programming and interfacing with electronic components.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC100 - Introduction to Programming
- EET230 - Digital Systems II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EET430L Microcontrollers Lab (1)

## Description

### Course Description
This course covers applications of Microcontrollers in real-world problems. Students will expand their knowledge base in microcontroller applications.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET430 - Microcontrollers

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

# EMS112 Emergency Medical Technician I (3)

## Description

### Course Description
This course is part one of a four course series leading to eligibility for certification as an Emergency Medical Technician. Part one introduces the foundations of emergency medical care.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# EMS113 Emergency Medical Technician II (2)

## Description

### Course Description
This course is part two in the four course series for Emergency Medical Technician. Topics include basic patient assessment and medicine.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS112 - Emergency Medical Technician I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# EMS114 Emergency Medical Technician III (2)

## Description

### Course Description
This course is part three in the four course series for Emergency Medical Technician. Topics include Trauma, Special Populations and EMS operations.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS113 - Emergency Medical Technician II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# EMS115 Emergency Medical Technician IV (1)

## Description

### Course Description
This course is part four in the four course series for Emergency Medical Technician. Topics include EMS operations and EMT Skill Development.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS114 - Emergency Medical Technician III

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS120 - Emergency Medical Technician Clinical

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 45 |

# EMS120 Emergency Medical Technician Clinical (1)

## Description

### Course Description
This course is the last in the four course series for Emergency Medical Technician.This course is a two part clinical experience providing direct patient care in the clinical and field settings. Part one occurs in the Emergency Department with the focus on performing a basic patient assessment and basic life support skills under the direct supervision of a clinical preceptor. Part two involves providing direct patient care on out-of-hospital advanced life support units as a team member under the direct supervision of a Paramedic Field Preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS114 - Emergency Medical Technician III

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS115 - Emergency Medical Technician IV

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 45 |

# EMS201 Introduction to Paramedic (3)

## Description

### Course Description
This course introduces the foundations of paramedic practice. Topics include the Roles and Responsibilities of the Paramedic, EMS Systems, Workforce Safety and Wellness, EMS Research, the Role of EMS in Public Health, Medical Legal issues, Medical Ethics, Communication Principles and Documentation.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO101 - Human Anatomy and Physiology I
  **AND** EMS115 - Emergency Medical Technician IV
  **AND** EMS120 - Emergency Medical Technician Clinical

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- BIO104 - Human Anatomy and Physiology II

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# EMS203 EMS Pharmacology (3)

## Description

### Course Description
This course provides the concepts necessary for sound judgment in the use of chemical agents and the theoretical base for skills required to administer medications, and incorporates the principles of administering medications safely and accurately. Included are concepts underlying the medical use of drugs, principles of pharmacology, pharmacokinetics, and pharmacodynamics, principles of math calculations, venous access and drug administration and techniques of medication administration. Pharmacological agents common to prehospital care are studied.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO101 - Human Anatomy and Physiology I
  **AND** BIO104 - Human Anatomy and Physiology II
  **AND** EMS201 - Introduction to Paramedic

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

15

# EMS205 Airway Management and Ventilation (2)

## Description

### Course Description
This course presents advanced airway assessment, airway management and ventilation skills for the paramedic, building on the basic foundation from EMT.Topics include airway anatomy, physiology of ventilation, advanced airway management, ventilation techniques, pulse oximetry, capnography, and pharmaceutical agents used in airway management.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS203 - EMS Pharmacology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

0

# EMS207 Advanced Patient Assessment (4)

## Description

### Course Description
This course presents advanced patient assessment skills for the paramedic, building on the basic foundation from EMT. Topics include Life Span Development, Scene Survey, Comprehensive History and Physical Examination, Basic ECG recognition, cardiac monitoring and introduction to 12 lead ECG.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS205 - Airway Management and Ventilation

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS241 - Paramedic Clinical I

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 30 |

# EMS209 Medicine I (4)

## Description

### Course Description
Part one of a two part series on medicine, this course presents the anatomy, physiology, epidemiology, pathophysiology, psychosocial impact, presentations, prognosis, and management of diseases and disorders involving the pulmonary and cardiovascular systems.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS207 - Advanced Patient Assessment

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS242 - Paramedic Clinical II

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 30 |

# EMS210 Medicine II (4)

## Description

### Course Description
Part two in the series on medicine, this course presents the anatomy, physiology, epidemiology, pathophysiology, psychosocial impact, presentations, prognosis, and management of diseases and disorders involving the nervous system, endocrine system, immune system, hematology; gastroenterology; urology; nephrology, toxicology; substance abuse; psychiatry; gynecology, and communicable disease.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS209 - Medicine I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS243 - Paramedic Clinical III

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 30 |

# EMS213 Trauma (4)

## Description

### Course Description
This course presents the epidemiology, pathophysiology, psychosocial impact, presentations, and management of Trauma. Topics include trauma systems; mechanism of injury; hemorrhage, shock, soft tissue, burn, head, face, spine, thoracic, abdominal and orthopedic trauma; environmental emergencies and trauma skills. This course includes NAEMT Pre-Hospital Trauma Life Support (PHTLS) Certification.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS210 - Medicine II

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS244 - Paramedic Clinical IV

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 30 |

# EMS215 Special Populations (3)

## Description

### Course Description
This course will present the epidemiology, pathophysiology, psychosocial impact, presentations, and management of diseases and disorders experienced by unique patient populations. Areas of study include obstetrics, neonatology, pediatrics, geriatrics and patients with special healthcare needs. This course includes American Heart Association Pediatric Advanced Life Support (PALS) Certification.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS213 - Trauma

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS245 - Paramedic Clinical V

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 30 |

# EMS217 EMS Operations (3)

## Description

### Course Description
This course provides the concepts necessary for the paramedic to function safely and effectively in the prehospital setting. Topics presented are Ambulance Operations; Air Medical Operations; Incident Command System; Multiple Casualty Incident Management, National Incident Management System (NIMS) 100, 200, 700 and 800 Certifications; Rescue Awareness; Crime Scene Awareness; and Hazardous Materials Awareness.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS215 - Special Populations

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS246 - Paramedic Clinical VI

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 20 |

# EMS219 Paramedic Skill Development (1)

## Description

### Course Description
The focus of this course is for the Paramedic student to synthesize their learning experiences by building a professional portfolio that supports achievement of the program outcomes.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS217 - EMS Operations

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS250 - Paramedic Field Clinical I

## Contact Hours

Lecture

0

Lab

45

# EMS241 Paramedic Clinical I (1)

## Description

### Course Description
The first in the series of clinical experiences providing patient care in the hospital Emergency Department with the focus on IV access and medication administration under the direct supervision of a clinical preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS203 - EMS Pharmacology

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS207 - Advanced Patient Assessment

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 0 |

| Clinical/Externship |
| --- |
| 45 |

# EMS242 Paramedic Clinical II (1)

## Description

### Course Description
The second in the series this two part clinical experience provides direct patient care in the hospital. Part one occurs in Surgery with the focus on advanced airway management and ventilation under the direct supervision of an anesthesiologist. Part two occurs in the Emergency Department with the focus on performing a comprehensive patient assessment under the direct supervision of an emergency physician.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS207 - Advanced Patient Assessment

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS209 - Medicine I

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 45 |

# EMS243 Paramedic Clinical III (1)

## Description

### Course Description
The third in a series of clinical experiences providing patient assessment, direct patient care, and formulating treatment plans in the hospital Intensive Care and Cardiac Care units under the direct supervision of a clinical preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS209 - Medicine I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS210 - Medicine II

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# EMS244 Paramedic Clinical IV (1)

## Description

### Course Description
The forth in a series of clinical experiences providing patient assessment, direct patient care, and formulating treatment plans in the hospital Intensive Care Unit, Neuroscience Intensive Care Unit and Psychiatric units under the direct supervision of a clinical preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS210 - Medicine II

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS213 - Trauma

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# EMS245 Paramedic Clinical V (1)

## Description

### Course Description
The fifth in a series of clinical experiences providing patient assessment, direct patient care, and formulating treatment plans in the hospital Emergency Department under the direct supervision of a clinical preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS213 - Trauma

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS215 - Special Populations

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# EMS246 Paramedic Clinical VI (1)

## Description

### Course Description
The sixth in a series of clinical experiences providing patient assessment, direct patient care, and formulating treatment plans in the hospital Labor and Delivery unit and Pediatric units under the direct supervision of a clinical preceptor.

## Credit Hours

1

## Simple Requirements

**Prerequisite**

### Type
Prerequisite

**Complete ALL of the following Courses:**
- EMS215 - Special Populations

**Corequisite**

### Type
Corequisite

**Enroll in the following Courses:**
- EMS217 - EMS Operations

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 45 |

# EMS250 Paramedic Field Clinical I (1)

## Description

### Course Description
The first in a series of field internship experiences providing direct patient care on out-of-hospital advanced life support units as an ALS team member progressing to the ALS Team Leader under the direct supervision of a Paramedic Field Preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS215 - Special Populations

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- EMS219 - Paramedic Skill Development

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

60

# EMS252 Paramedic Field Internship (2)

## Description

### Course Description
The second in a series of clinical experiences providing direct patient care on out-of-hospital advanced life support units as the ALS Team Leader under the direct supervision of a Paramedic Field Preceptor.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EMS250 - Paramedic Field Clinical I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

120

# ENG099 Introduction to Writing (3)

## Description

### Course Description
This course helps prepare students for success in college writing by emphasizing the structure and conventions of standard written English. Students will learn how to write well-structured sentences and develop coherent paragraphs. Pass/No Pass course

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ENG109 College Composition (1.5)

## Description

### Course Description
This course is designed to improve student writing processes, develop critical thinking skills, and provide instruction in core skills required for academic and professional writing in different modes. Students will learn how to analyze the writing strategies of professional authors and apply these strategies to their own writing.

## Credit Hours

1.5

## Simple Requirements

**Prerequisite**

### Type
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**

- ENG099 - Introduction to Writing

**OR**

Prerequisite

**Qualifying Score on Placement Test**

**Corequisite**

### Type
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ENG110 College Composition (3)

## Description

### Course Description
This course is designed to improve student writing processes, develop critical thinking skills, and provide instruction in core skills required for academic and professional writing in different modes. Students will learn how to analyze the writing strategies of professional authors and apply these strategies to their own writing.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**
- ENG099 - Introduction to Writing

**OR**

Prerequisite

**Qualifying Score on Placement Test**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# ENG114 College Composition (1.5)

## Description

### Course Description
This course is designed to improve student writing processes, develop critical thinking skills, and provide instruction in core skills required for academic and professional writing in different modes. Students will learn how to analyze the writing strategies of professional authors and apply these strategies to their own writing.

## Credit Hours

1.5

## Simple Requirements

**Prerequisite**

### Type
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**

- ENG099 - Introduction to Writing

**OR**

Prerequisite

**Qualifying Score on Placement Test**

**Corequisite**

### Type
Corequisite

**None**

## Contact Hours

Lecture

48

Lab

0

# ENG120 Advanced Composition (3)

## Description

### Course Description
Students will learn to analyze, evaluate, and compose arguments with an emphasis on the complexities of style and rhetorical strategies. Students will learn to compose research-based argumentative writing.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ENG110 - College Composition

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# ESET310 Circuit Analysis (3)

## Description

### Course Description
This course covers network theorems. Students will learn about electrical circuits' analysis using circuit theorems such as superposition, node-voltage, and mesh current. Students are introduced to dependent source models as well as three-phase systems and their applications. Transient and steady-state circuit analyses are also covered.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Completion Requirement

Prerequisite

**Complete ANY of the following Courses:**

- EET111 - Electric Circuits II
- ESET111 - Electric Circuits II

**Prerequisite**

**Type**
Completion Requirement

Prerequisite

**Complete ALL of the following Courses:**

- MTH220 - Applied Calculus I

## Contact Hours

| Lecture |
| --- |
| 45 |

# ESET111 Electric Circuits II (3)

## Description

### Course Description
This course covers AC fundamentals. Students will learn about AC signals, capacitors, inductors, and transformers. AC analysis of pure resistive, inductive, and capacitive circuits will be covered. AC frequency response of RL, RC, and RLC circuits will also be covered.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET110 - Electric Circuits I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- ESET111L - Electric Circuits II Lab

## Contact Hours

| Lecture |
| --- |
| 45 |

# ESET111L Electric Circuits II Lab (1)

## Description

### Course Description
This course covers practical applications of DC and AC concepts. Students are engaged in laboratory applications using simulation software and test equipment for DC and AC circuit analysis and troubleshooting.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET110 - Electric Circuits I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- ESET111 - Electric Circuits II

## Contact Hours

| Lab |
| --- |
| 30 |

# ESET280 Introduction to Communication Systems (3)

## Description

### Course Description
This course covers radio frequency fundamentals and the concepts of data and information communication systems. Students will learn analog modulation techniques, electromagnetic wave propagation, path loss, multiple access techniques and introductory topics in antenna theory, transmission lines and satellite systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET121 - Electronic Systems Applications
  **AND** MTH320 - Applied Calculus II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# ET500 Experiment Design and Analysis (3)

## Description

### Course Description
This course introduces students to the experimental design approaches for studying, developing, and improving the performance of processes and systems. Topics covered include the design fundamentals, randomized design, analysis of variance techniques for hypothesis testing, block designs, factorial experiments, random effects, and mixed models. Students will apply statistical software to plan, design, and conduct experiments efficiently and effectively, and analyze the resulting data to improve processes.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# ET630 Robotics Principles (3)

## Description

### Course Description
This course will provide students with knowledge and skills of fundamental principles of robotics. Topics include the development of computer programs for analyzing kinetics, dynamics and control of robotic systems. Students will be introduced to the fundamentals of robotics system development.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# ET102 Engineering Math and Software Applications (3)

## Description

### Course Description
This course introduces students to the application of math and use of software packages in the engineering field. Students will learn engineering problem solving, analysis and modeling using relevant engineering software. Students will also acquire basic knowledge of computer applications to include word processing, spreadsheets, and presentation software.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# ET210 Capstone Project (3)

## Description

### Course Description
A project based course requiring students to implement, test and demonstrate a solution to a narrowly-defined problem statement related to engineering technology systems. Students are expected to demonstrate achievement of program's learning objectives throughout the course. The course is coordinated and graded by faculty while incorporating employer's assessment, if possible, of student's performance. Industry sponsored projects can be used when applicable.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# ET210L Capstone Project Lab (1)

## Description

### Course Description
A project based lab course requiring students to implement, test and demonstrate a solution to a narrowly-defined problem statement related to engineering technology systems. Students are expected to demonstrate achievement of program's learning objectives throughout the course. The course is coordinated and graded by faculty while incorporating employer's assessment, if possible, of student's performance. Industry sponsored projects can be used when applicable.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lab |
| 30 |

# FIN350 Financial Management (3)

## Description

### Course Description
This course introduces students to basic financial management topics including statement analysis, working capital, capital budgeting, and long-term financing. Students will learn about net present value and internal rate of return techniques, lease vs. buy analysis and cost of capital computations. The focus is to enhance skills in problem-solving, decision-making and critical thinking as they apply to financial management.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC161 - Principles of Accounting II
  **AND** BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FOR110 Essentials for Success (3)

## Description

### Course Description

This course introduces students to essential self-management strategies that support academic achievement, professional growth, and lifelong learning. Students will develop skills in time management, communication, and critical thinking while exploring key resources that contribute to success in their coursework and future careers. The course also introduces foundational concepts in information literacy, financial literacy, and the effective use of technology to support learning and productivity. Through practical application and reflection, students will strengthen their ability to manage responsibilities, evaluate information, communicate effectively, and apply strategies for personal and professional success.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# FSM498 Food Service Externship I-a (1.5)

## Description

### Course Description
This course is designed to provide students with an opportunity to experience a real-world, professional business situation and to apply the concepts, theories, and knowledge learned in the FSM curriculum. Through this externship, students will have the opportunity to gain first-hand knowledge and participation in a professional food service environment. This experience will allow the students to interact with management and contribute to a food service business' operation with guidance and mentorship. Students will be required to submit a written report and all necessary externship documentation demonstrating their achievement of the course learning outcomes.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Director's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Clinical/Externship |
| 75 |

# FSM499 Food Service Externship I-b (1.5)

## Description

### Course Description
This course builds upon the foundational experience gained during FSM498 (Externship I-a) by providing students with increased responsibility and opportunities to apply managerial knowledge and professional skills in a real-world food service environment. Under the guidance of an industry mentor, students will actively contribute to operational, financial, and supervisory activities while demonstrating professional conduct, ethical decision-making, and effective communication. Students will participate in evaluating and improving operational performance, applying cost-control practices, supporting staff supervision and guest service initiatives, and analyzing how current industry trends influence organizational operations. Through ongoing reflection, feedback, and participation in leadership activities, students will further develop the knowledge, skills, and professional competencies expected of emerging food service managers. Students will complete a comprehensive written report and all required externship documentation demonstrating achievement of the course learning outcomes.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- FSM498 - Food Service Externship I-a

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Clinical/Externship

75

# FSM101 Introduction to Food Service (3)

## Description

### Course Description
The course will explore topics in food service including the historical development of the food service industry, the classification of food service operations by type and by system, and the role of the food service industry in the economic life of the country. This is a survey style course designed to introduce the student to concepts that will be studied in depth in later courses. Topics will include foundation discussions of sanitation and food safety, menu development, purchasing and storing products, inventory control, production and service systems, equipment and facility needs, human resource, performance management, and marketing.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM310 Leadership in Foodservice (3)

## Description

### Course Description
This course will discuss leadership philosophies, focusing on effective managerial techniques with regard to coaching, training, facilitating and motivating a diverse workforce in various hospitality food service environments. Students will learn effective ways to manage through organizational changes and evaluate internal operational continuous-improvement programs.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM315 Staff Development and Communication for Managers (3)

## Description

### Course Description
This course will introduce you to adult learning theory which can be applied to systematic training programs and will prepare students for both the oral and written communication skills required by food service managers in operational and corporate business settings. Concomitantly, understanding how adults learn and appropriate ways of analyzing the tasks required for job performance will assist managers to effectively develop training models for their employees.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM320 Food Service Financial Management (3)

## Description

### Course Description
This course progresses from accounting to financial analysis and explains their application specifically to food service operations. In addition, students will analyze food service-specific managerial reports and apply their analysis to operational problem solving. Students will learn the fundamentals of hospitality accounting and how to develop and interpret balance sheets, income statements, profit and loss statements, and statements of cash flow.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM330 Communication for Food Service Professionals (3)

## Description

### Course Description
This course will prepare students for the types of communication required of hospitality professionals in operational and corporate business settings. This course focuses on creation of processes, implementation, the communication process, and how a hospitality professional uses available skills and logical processes to solve problems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lecture |
| 45 |

# FSM335 Menu Engineering (3)

## Description

### Course Description
This course explores the historical development and current theories of menu management. The various styles and formats of menus and their applications to the types of food service businesses are examined. The role of the menu in marketing, revenue management, and kitchen design is central to the study. Upon successful course completion, students will demonstrate the ability to evaluate and adjust menus to achieve management goals.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM340 Hospitality Marketing and Social Media (3)

## Description

### Course Description
This course provides an introduction to marketing theories, principles, and concepts and to understanding the role of marketing within a foodservice operation. Students will learn the dynamics involved in achieving a competitive advantage in a highly competitive market.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM355 Wine and Beverage Management (3)

## Description

### Course Description
This course examines the management of bar and beverage operations within various hospitality environments, exploring the history of the beverage industry, the cultural relevance of wines, spirits and ales, and the incorporation of various non-alcoholic beverages in food service. Students will learn proper staffing levels as dictated by operations, efficient bar layout and design, industry trends in menu design, and techniques for pricing, selling, and serving beverages.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM355L Wine and Beverage Lab (1)

## Description

### Course Description
This course examines the practical application of managing bar and beverage operations within various hospitality environments. The student will develop an understanding of beverage operations by observation and practice. Topics include the principles of beverage inventory control and the brewing and distillation processes.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- FSM355 - Wine and Beverage Management

## Contact Hours

Lecture

0

Lab

30

# FSM358L Food Service Technology Lab (1)

## Description

### Course Description
This course introduces students to culinary technological advancements through practical hands-on learning. The student will develop the skills necessary to effectively select and program a variety of commercial food service equipment used in industry and a point of sale system.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

# FSM360 Managing Outstanding Customer Service (3)

## Description

### Course Description
This course is designed to impart to students the art and science of providing outstanding customer service in today's competitive foodservice operations. Students will learn managerial concepts related to building customer loyalty, enhancing service quality, and exceeding customer expectations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM380 Food Service Cost Controls (3)

## Description

### Course Description
This course introduces students to the techniques and methods of controlling the factors of production in a food service unit within a revenue management system. Students will learn food and labor cost controls and other topics including control of beverage, energy, supply, and other variable costs associated with food and beverage operations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM409 Advanced Hospitality Customer Service (3)

## Description

### Course Description
This course will provide the student with an understanding of the principles of customer service in the hospitality management environment. The roles of customer loyalty programs, marketing and advertising efforts and, quality management techniques will be explored.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM410 Operational Ethics and Legal Issues (3)

## Description

### Course Description
This course examines the legal and ethical principles that help foodservice professionals protect their operations from legal exposure arising from customer and staff interactions. Students will develop a foundation for recognizing and analyzing ethical dilemmas and making informed decisions based on sound ethical principles. The course addresses critical legal considerations in foodservice operations and provides opportunities for students to evaluate situational scenarios that prepare managers to navigate challenging workplace situations. Students will also explore ethical issues in foodservice operations and apply legal and ethical principles to support responsible management decision-making.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM424 Facility Management (3)

## Description

### Course Description
This course will introduce students to the concepts of managing the physical plant for food service. Students will learn the dynamics of flow design through both front and back of the house areas of a food service operation, the efficient selection and use of energy and utility systems, and the implementation of regulations and codes for food service facilities.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM424L Facilities Lab (1)

## Description

### Course Description
This course examines the general maintenance requirements of a commercial food service operation through supplemental practical hands-on learning. Students will develop skills to effectively locate, maintain, and troubleshoot the critical systems found in a food service facility.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- FSM424 - Facility Management

## Contact Hours

Lecture

0

Lab

30

# FSM430 Case Studies in Food Service Management (3)

## Description

### Course Description
This course adopts a critical incident approach to food service management whereby students will evaluate actual operational and organizational experiences of customers and employees through case study analysis. Students will develop problem solving skills by emphasizing critical analysis as well as comprehension of the issues proposed - both positive and negative - then appraise the effectiveness of the organization’s response to the prominent issue.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# FSM440 Project and Special Event Management (3)

## Description

### Course Description
This course provides a comprehensive approach to planning, marketing, and managing special events. Students will learn current trends and concepts that support the planning, scheduling, control, resource allocation, and performance measurement activities required for the successful completion of a project.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# FSM452 Developing Your Career in Hospitality Leadership (2)

## Description

### Course Description
This course introduces students to industry leaders from major hospitality corporations, faculty, young emerging leaders and innovators, and successful student alumni, speaking in a manner that will contribute to the ultimate career success of the student in foodservice management. Students will learn the social, economic, family, and organizational changes that influence career choices.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 30 |

# FSM490 Food Service Entrepreneurship (2)

## Description

### Course Description
This course is an advanced management and food service operational simulation, where students individually manage a simulated restaurant operation under a designated theme. Students will learn to create and develop menus and recipes under a specific theme, create purchase orders, support food preparation, develop a service plan, create marketing and promotional material, and complete pre-developed evaluation procedures that will measure their profitability results from projected expenses and revenues.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- FSM440 - Project and Special Event Management

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

0

# HCA200 Healthcare Marketing (3)

## Description

### Course Description
This course presents the scope and practice of marketing principles as they are applied within healthcare delivery systems. Students will learn consumer behavior, market segmentation, SWOT analyses, and identification of new market opportunities. Assigned readings will include the role of social marketing, database research, as well as effective communication strategies involved in healthcare marketing.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# HCA300 Healthcare Administration and Regulation (3)

## Description

### Course Description
The focus of this course is to present the scope and practice of healthcare administration. This course covers Assigned readings will include the marketing, operations, financial and human resources management as well as effective communication strategies involved in healthcare administration. The scope of the regulatory environment in healthcare administration includes The Joint Commission (formerly the Joint Commission on Accreditation of Healthcare Organizations (JCAHO), the American Disabilities Act of 1990 (ADA), Occupational Safety and Health Administration (OSHA), and Federal and State Regulations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# HCA305 Legal Aspects of Healthcare Administration (3)

## Description

### Course Description
This course is designed to present students with an overview of health law issues, and provides the student with a basic knowledge of health law. Students will learn about government regulation, including but not limited to, legal constraints; liability; negligence; patient rights; confidentiality; and corporate/administrative responsibility. Emphasis is placed on applications of health law to current issues in healthcare administration. This course will assist students in understanding their own legal rights and duties as both healthcare professionals and consumers of healthcare, in recognizing legal issues as they arise. Healthcare System operations and health professionals, the changes in regulations relating to the U.S. Healthcare System, patient's rights, the elements needed to develop a culture of patient safety, and the scope of corporate and government healthcare administration.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# HCA310 Healthcare Administration Ethics (3)

## Description

### Course Description
This course is designed to present an overview of ethical issues that face the healthcare administrator in today's ever-changing world of healthcare. Areas of broad ethical concern will be highlighted, as well as means of relating to others in the healthcare field, community members, families, and patients. The student will be prepared to discriminate between personal ethical decisions and professional ethical decisions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# HCA320 Healthcare Administration Externship I (3)

## Description

### Course Description
The focus of this course is on participating in an externship experience within healthcare organizations. This course will provide linkage between the theoretical concepts gained in the classroom to practical application in the study of healthcare administration. This course will allow students to gain a sound understanding of the industry and the position of leadership within the industry as they experience the working environment.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- HCA300 - Healthcare Administration and Regulation
  **AND** HCA305 - Legal Aspects of Healthcare Administration
  **AND** HCA310 - Healthcare Administration Ethics
  **AND** HCA330 - The Healthcare Continuum - Life-time Services and Long-Term Care

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

135

# HCA330 The Healthcare Continuum - Life-time Services and Long-Term Care (3)

## Description

### Course Description
This course is designed to review the wide variety of healthcare facilities and services outside the hospital environment. The management of organizations that deliver healthcare services such as nursing homes, assisted living facilities, adult day care, home health, housing, and wellness will be presented.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# HCA400 Health Information Systems (3)

## Description

### Course Description
This course is designed to explore the use of information systems in healthcare settings. Students will be introduced to the information systems and their applications in healthcare. Students will learn the history of health information systems, the uses of the electronic medical record, legal and ethical issues pertaining to electronic files, data management and use, information systems life cycle, and current and future healthcare technologies, applications, and security solutions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# HCA410 Human Resource Management in Healthcare (3)

## Description

### Course Description
The focus of this class is on human resources management in healthcare environments. Course topics include human resources within public health, integrated healthcare systems, managed care settings, hospitals, and the continuum of care. Topics within each section include recruitment, retention, job descriptions, physician practices, benefits, employee handbooks, performance evaluation, and regulatory trends.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# HCA420 Healthcare Delivery Systems (3)

## Description

### Course Description
This course will focus on the structure, operations, and outcomes associated with the U.S. Healthcare System. Students will learn to assess the appropriateness of a healthcare entity's payer mix and expenditures and their impact on the cost of healthcare. Benchmark developments that contributed to the evolution of the U.S. Healthcare System will be addressed, and students will evaluate the impact of existing legislation. Healthcare System.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# HCA422 Healthcare Emergency Management (3)

## Description

### Course Description
This course will enable students to become familiar with, and acquire the skill and knowledge base necessary for, healthcare administrators in a crisis situation. This will include crisis situations that are epidemiological in origin as well as situations that are externally originated. The topics will include, but not be limited to, determination of priorities, availability and management of resources, and communication issues.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# HCA430 Fundamentals of Healthcare Financial Management (3)

## Description

### Course Description
This course presents fundamentals of health services financial management. The course will emphasize healthcare payment systems and financial management of various types of healthcare environments. Students will be introduced to key concepts and terminology as they apply to healthcare finances and management as well as finance theories, principles, concepts and techniques that are most important to managers in the healthcare industry. Managed care and its multiple payor sources are covered.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ACC160 - Principles of Accounting I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# HCA440 Research and Evidence-Based Practice for Healthcare Administrators (3)

## Description

### Course Description
The focus of this course is for the Healthcare Administration student to obtain, read, critique, make valid conclusions and incorporate findings from evidence-based research. This course covers the practical steps of the research process, from narrowing down a research question to collecting and analyzing data and finally disseminating the findings in understandable language.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH140 - Statistics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# HCA450 Public Health (3)

## Description

### Course Description
This course presents concepts and perspectives of current public health practices and organizations to include aspects of public health policy and ethics with an emphasis on epidemiological procedures and processes. Students will learn the roles and responsibilities that a healthcare administrator takes on at a public health department. Additionally students will apply epidemiologic methods and measures in regards to major public health problems in regards to chronic diseases, injuries, and the environment.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# HCA470 Global Healthcare (3)

## Description

### Course Description
The focus of this course is on world health and population health and disease. A variety of media are used to demonstrate health statistics, disease transmission, and preparedness before emergencies. Examination of health in statistical terms in comparison to other countries is reviewed, as well as health inequalities. Nutrition and environmental health concepts are discussed.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# HCA480 Healthcare Administration Externship II (3)

## Description

### Course Description
The focus of this course is on participating in an externship experience within healthcare organizations. This course will provide linkage between the theoretical concepts gained in the classroom to practical application in the study of healthcare administration. This course will allow students to gain a sound understanding of the industry and the position of leadership within the industry as they experience the working environment.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All required courses except HCA450 and HCA490**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

135

# HCA490 Healthcare Administration Capstone (3)

## Description

### Course Description
The focus of this course is for the Healthcare Administration students to synthesize their learning experiences by building a professional portfolio that supports achievement of the program outcomes.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All required courses except HCA320, HCA450, and HCA480**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# HLT101 Nutrition (3)

## Description

### Course Description
In this course, students will explore how nutrients support the body through various life stages. Students will examine how nutrition relates to overall wellness and common health conditions such as heart disease, diabetes, and gastrointestinal disorders. Students will learn to assess nutrition information, identify credible sources, and communicate effectively about food and health. Students will build practical knowledge they can apply in patient education, community wellness, or healthcare administration, while learning how evidence based nutrition supports healthy outcomes without providing individualized counseling.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Clinical/Externship

0

# HRM211 Introduction to Human Resources Management (3)

## Description

### Course Description
Through readings, case analysis, research, and classroom activities, students will learn the skills and theories involved in the human resource management of a business. Topics include selecting, training, appraising, and compensation of the workforce. The laws and rules that govern human resource functions and procedures, including labor laws, governmental regulations, and societal implications will be included in the course.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# HRM443 Staffing and Workforce Diversity (3)

## Description

### Course Description
This course takes a holistic approach to employee recruitment and retention. Students will be given an opportunity to explore workforce communities and demographics to develop strategies that maximize skills and abilities of a diverse workforce. The relationship between diversity and inclusion and a more productive and innovative organization will be studied.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- HRM211 - Introduction to Human Resources Management

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# HRM463 Compensation and Benefits (3)

## Description

### Course Description
This course focuses on the importance of leveraging compensation and benefits to attract and retain talent. The course will address strategic decisions managers must make when developing pay structures, incentives, and benefit plans. Students will study the relationship between incentives and performance as well as an effective performance review process.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- HRM211 - Introduction to Human Resources Management

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# HUM206 Culture, Thought, and the Human Experience Study Abroad (3)

## Description

### Course Description
This study abroad course is an interdisciplinary assessment of cultural, philosophical, and aesthetic factors critical to the formulation of values and the development of the individual and society. Students will learn about important contributions made to the humanities, examine their cultural significance, and synthesize this with their travel experience.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ENG110 - College Composition

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# HUM115 Reasoning and Analysis (3)

## Description

### Course Description
This course will examine and develop writing skills that enable students to clearly present claims that support their conclusions and avoid reinforcing biases. Students are given the opportunity to analyze and discuss various types of media-including television, Internet, and print-to determine which sources provide the most reliable information. Emphasis is placed on evaluating information, problem-solving, approaching cross-cultural perspectives, and resolving controversies and dilemmas. This course includes practice in inductive and deductive reasoning, presentation of arguments in written form, and analysis of the use of language to influence thought.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ENG110 - College Composition

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# HUM205 Culture, Thought, and the Human Experience (3)

## Description

### Course Description
This course is an interdisciplinary assessment of cultural, philosophical, and aesthetic factors critical to the formulation of values and the development of the individual and society. Students will learn about important contributions made to the humanities, examine their cultural significance, and consider how those in STEM careers can benefit from understanding them.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ENG110 - College Composition

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# LAW225 Legal Environment of Business (3)

## Description

### Course Description
This course focuses on how business decisions are impacted by today’s legal environment. Students will develop a thorough understanding of the legal environment of business, engage in critical thinking and ethical analysis, and develop the knowledge and skills necessary to survive in an increasingly competitive global environment. The course will be delivered using a variety of learning formats which may include online lessons, video presentations, and classroom activities/discussions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# LTC300 Long Term Care Environment (3)

## Description

### Course Description
This course will provide students with an overview of the delivery systems of long term care. Students will learn about long term care policy, as well as the industry itself. Students will obtain knowledge of the external and internal environments of long term care. This will include, but not be limited to, culture changes, the legal environment and regulations and enforcement.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- HCA330 - The Healthcare Continuum - Life-time Services and Long-Term Care

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# LTC310 Domains of Care I (2)

## Description

### Course Description
This course presents the function of services that may be offered in long term care facilities. These services will include social service, food service, medical services, therapeutic recreation and activity, pharmaceutical programs and rehabilitation programs. These programs will be viewed as to their function to maximize resident quality of life and quality of care.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- LTC300 - Long Term Care Environment

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 30 |

# LTC320 Long Term Care Administration Externship I (4)

## Description

### Course Description
The focus of this course is on participating in an externship experience within healthcare organizations. This course will provide linkage between the theoretical concepts gained in the classroom to practical application in the study of healthcare administration. This course will allow students to gain a sound understanding of the industry and the position of leadership within the industry as they experience the working environment.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- HCA300 - Healthcare Administration and Regulation
  **AND** HCA305 - Legal Aspects of Healthcare Administration
  **AND** HCA310 - Healthcare Administration Ethics
  **AND** HCA330 - The Healthcare Continuum - Life-time Services and Long-Term Care

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

200

# LTC330 Domains of Care II (2)

## Description

### Course Description
This course will delve into the governance of long term care facilities. It will also cover human resource issues as well as marketing and public relations in this very specific area of long term care. Students will become familiar with budgeting and financial controls and the principles of reimbursement. This course will present the means of monitoring and assessing resident and responsible parties' satisfaction with the quality of care.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- LTC300 - Long Term Care Environment

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 30 |

# LTC480 Long Term Care Externship II (4)

## Description

### Course Description
The focus of this course is on participating in an externship experience within healthcare organizations. This course will provide linkage between the theoretical concepts gained in the classroom to practical application in the study of healthcare administration. This course will allow students to gain a sound understanding of the industry and the position of leadership within the industry as they experience the working environment.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All required HCA and LTC courses except HCA320, HCA450, HCA480, and HCA490**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

200

# LTC482 Review for National Exam (1)

## Description

### Course Description
This course is designed with a NAB review component. Students will review the domains of care as well as the core of knowledge for long term care. Students will have the opportunity to seek clarification of material and to practice exam skills.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All required HCA and LTC courses except HCA320, HCA450, HCA480, HCA490, and LTC480**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 15 |

# MCH605 Community Health Landscape (3)

## Description

### Course Description
This course introduces students to the social determinant of health and solutions which aid individuals and communities in living their healthiest life. The student will learn about historical and current trends impacting public health, and the innovative regulations and measures implemented to improve the health of the population.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**

- MHA520 - Principles of Healthcare Administration
  **AND** MHA524 - Advanced Healthcare Delivery Systems
  **AND** MHA526 - Healthcare Law and Ethics
  **AND** MHA530 - Healthcare Statistics
  **AND** MHA564 - Human Resource Management Strategies
  **AND** MHA574 - Healthcare Performance Measures and Regulation
  **AND** MHA582 - Information Management in Healthcare
  **AND** MHA600 - Economic Policy and Procedure in Healthcare Organizations

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MCH610 Community Health Education and Promotion (3)

## Description

### Course Description
The focus of this course is community education and health promotion. Students will explore the importance of engaging with communities and delivering community intervention programs. Students will learn to apply theories, models, and methods to programs that will directly affect the health of communities.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ALL of the following requirements:**

**Complete ALL of the following Courses:**
- MCH605 - Community Health Landscape

**AND**

**Completion of all MHA courses, except MHA620**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MCH615 Community Health Decision Making (3)

## Description

### Course Description
This course explores issues facing public health organizations in today's environment. Students will learn to apply regulatory and ethical decision-making models to areas impacting the wellbeing of community and public health using current case scenarios. Students will demonstrate their ability to make decisions regarding public health issues that positively impact the public. Students will understand the decision-making process as it relates to federal, state, and local governments.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ALL of the following requirements:**

**Complete ALL of the following Courses:**
- MCH610 - Community Health Education and Promotion

**AND**

**Completion of all MHA courses, except MHA620**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MED100 Medical Terminology (1.5)

## Description

### Course Description
This course presents and builds upon the basic concepts of building a medical word from its components parts. Through word analysis and exercises the student learns the anatomic and clinical terms pertaining to each body system. Study of the basic structure of medical words, including prefixes and suffixes, word roots, combining forms, singulars and plurals. Students will be able to recognize, spell, pronounce, and define medical words by combining prefixes, suffixes, and roots.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MED104 Medical Terminology (3)

## Description

### Course Description
This course presents and builds upon the basic concepts of building a medical word from its components parts. Through word analysis and exercises the student learns the anatomic and clinical terms pertaining to each body system. Study of the basic structure of medical words, including prefixes and suffixes, word roots, combining forms, singulars and plurals. Students will be able to recognize, spell, pronounce, and define medical words by combining prefixes, suffixes, and roots.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MED112 Medical Coding and Billing I (2)

## Description

### Course Description
This course introduces students to the major nationwide medical insurance programs and provides a basic knowledge and understanding of the national diagnostic and procedural coding systems. Students receive extensive practice in processing claims forms and insurance coding and apply their knowledge through several program databases utilized in medical office settings. Students will show how to maintain patient confidentiality and demonstrate an understanding of the concepts of managed care, Blue Cross Blue Shield, CHAMPVA, Medicare, Medicaid and worker's compensation.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MED104 - Medical Terminology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# MED143 Principles of Pharmacology (3)

## Description

### Course Description
This course is designed to provide an introduction to drug dosage calculation and administration, injections, classifications, schedules, common adverse reactions, conversions and abbreviations necessary for dosage calculations and the top 50 prescribed drugs. The legal and ethical boundaries involving drugs will be addressed. Learn how and why medications work on different ages and sexes. Proper handling and storage of medications will be presented.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MED149 Medical Ethics (3)

## Description

### Course Description
This course is designed to provide an overview of the laws and ethics relevant to medical careers, and can help guide you through the legal and ethical questions you may reasonably expect to face as allied health professionals. An introduction to medical ethics which examines several approaches to ethics within the interrelated contexts of medicine, healthcare and law. Topics investigated may include but are not limited to: malpractice suits and how to avoid them, legal system, confidentiality and truth telling, abortion, critically ill neonates, death and dying, mental illness, human experimentation, justice, surrogate motherhood, stem cells and human cloning.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MED152 Human Anatomy and Physiology I (3)

## Description

### Course Description
This course provides students with an introduction to the anatomy and physiology of the human body. Students will learn human anatomy, physiology, and pathology focusing on the chemistry of life; the cell and tissue structure; and the skeletal, muscular, integumentary, and nervous systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MED158 Phlebotomy and Laboratory Procedures (2)

## Description

### Course Description
This course is designed to present students with a detailed knowledge of how to collect blood and other body fluid specimens used in throat cultures, urinalysis and stool guaiac, and prepare samples for testing in a lab. This course presents an overview of the anatomy and physiology of the various systems that require specimen collection, processing and handling of specimens, and laboratory operations. Students will learn through the use of practical skills, demonstrations and hands on learning. Course and clinical completion will enable student to sit for a national certification exam.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MED104 - Medical Terminology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# MED159 Patient Intake and Infection Control (2)

## Description

### Course Description
This course introduces the student to clinical skills and procedures. It is centered on patient intake procedures including infection control utilizing practical skills, demonstrations, hands-on learning and proper medical documentation. Laboratory assessment skills, which consist of invasive and non-invasive procedures, are performed in a professional manner on classmates. Students will learn basic vital signs and measure and record body measurements. Setting up and assisting with examinations, injections and visual and auditory screenings will also be discussed. Students will learn through the use of practical skills, demonstrations and hands on learning.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 15 |

| Lab |
| --- |
| 30 |

# MED160 Medical Office Procedures I (2)

## Description

### Course Description
This course focuses on the administrative duties in a medical office. Fundamental office procedures are reviewed. "Hands-on " simulations and role-playing promote development of competencies required in a medical setting using virtual medical office software such as scheduling, monitoring and coordinating appointments, telephone techniques and office procedures. Students will learn office procedures including: safety in the medical office, records management, mail processing, ergonomics in the office, maintenance of office equipment and policies and procedures of the medical office.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# MED202 Human Anatomy and Physiology II (3)

## Description

### Course Description
This course provides the student with an introduction to anatomy and physiology of the urinary tract, nervous, special senses, integumentary, endocrine, digestive, and reproductive systems. Diseases and disorders, along with the diagnostic procedures and treatment of these systems are also taught. Pharmacology will also be incorporated. The course will include the study of concepts necessary for good judgment in the use of chemical agents, will provide the theoretical base for skills required to administer medications and incorporate the principles of administering medications safely. Included in the discussions are concepts underlying the medical use of drugs including pharmacokinetics, pharmacodynamics and pharmacotherapeutics. 45 clock hours.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

# MED203 Pathophysiology (3)

## Description

### Course Description
This course is structured to prepare the student to treat clients with various medical conditions/pathologies. The student will learn anatomical and histological changes associated with disease and injury.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MED104 - Medical Terminology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MED229 Advanced Procedures, Life Support and Specialties (2)

## Description

### Course Description
This course will focus on advanced diagnostic tests and disorders, diseases and treatments of specialty practices. Included in this focus will be discussion/recognition of components of common diagnostic tests performed within the medical office and the significance of elevated/decreased values. Topics will also include setting up and maintaining sterile fields and intravenous therapy. Specialty areas include but not limited to: gastroenterology, endocrinology, neurology, pediatrics, gynecology, surgical, x-ray and geriatrics. Students will lean through the use of practical skills, demonstrations and hands on learning.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MED158 - Phlebotomy and Laboratory Procedures
  **AND** MED159 - Patient Intake and Infection Control

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# MED232 Advanced Diagnostics and Testing (2)

## Description

### Course Description
This course is centered on clinical scenarios and urgent care procedures through the use of practical skills, demonstrations and hands-on learning. Laboratory assessment skills, which consist of invasive and non-invasive procedures, will be performed in a professional manner on classmates. Previously learned clinical skills will also be incorporated and assessed. Topics include but are not limited to: microbiology, nutrition, medical emergencies, dermatology, geriatrics, injections, pulmonary, and catheterizations.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MED229 - Advanced Procedures, Life Support and Specialties

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# MED239 EKG Technician and Cardiology (2)

## Description

### Course Description
This course is designed to introduce students to electrocardiographs (EKG's) and cardiac anatomy and physiology. Topics to be covered include basic cardiac anatomy and physiology, patient preparation, patient confidentiality, identification of irregularities of the heart and distinguish more complex arrhythmia, cardiac modalities and pharmacology, with a slight emphasis on complex heart rhythms, electrical disturbances, disorders and pacemakers. Course completion will enable student to sit for NHA national certification exam.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

15

# MED244 National Certification Exam Prep (1)

## Description

### Course Description
This course provides Medical Administration degree students with a systematic and structured study environment in preparation for the national certification examination. This course is designed as an academic review. Students will learn the steps necessary to become nationally certified.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

# MED254 Medical Office Procedures II (3)

## Description

### Course Description
This course is designed to develop an awareness of the responsibilities of the office professional. Emphasis is on current operating functions, ethics and professional liability, basic bookkeeping and accounting aspects of a medical practice management, supervisory duties, and professionalism. Other topics include but not limited to: process payments and collect overdue payments, process payroll, develop and control revenues and expenses, conflict resolution, leadership and legal concepts and ethical responsibilities. “Hands-on” simulations and role-playing to promote development of competencies required in a medical setting are emphasized with the use of virtual medical office software.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MED286 National Certification Exam Prep (1)

## Description

### Course Description
This course will provide Medical Assisting degree students with a systematic and structured study environment in preparation for the national certification examination. This course is designed as an academic review. Students will learn the steps necessary to become nationally certified.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 30 |

# MED295 Medical Assisting Externship (4)

## Description

### Course Description
This externship is a culmination of all the learning and practice acquired with in-house courses. The student goes into a “real-life" medical environment and applies their skills and knowledge while interacting with patients and co-workers. The extern performs clinical and administrative duties required of an entry level Medical Assistant during the supervised, graded, MA practice. Employer agreements, detailed job descriptions, employer evaluations and duties directly related to the student’s program of study are required. This course is approved, coordinated and graded by faculty. This course is taken after all other courses have been completed.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All other coursework except COR090/COR191, MED286**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

180

# MET191 Materials Science (3)

## Description

### Course Description
This course introduces students to both theoretical and practical industry-standard practices. Students will learn about structures, properties, and applications of metals, ceramics, polymers, and composites commonly used in industry while also developing problem-solving skills in materials selection, evaluation, measurement, and testing.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PHY120 - Physics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET192 Graphics Communication (3)

## Description

### Course Description
This course introduces students to the fundamentals of sketching, engineering drawings, and 3-D modeling using a traditional or parametric modeling software package such as AutoCAD, Pro/E, or SolidWorks. Student will learn how to draw layouts and lettering; orthographic and pictorial projections; orthographic, auxiliary, and section views; dimensioning techniques; tolerancing; manufacturing processes; fasteners; and freehand sketches.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH131 - College Algebra

**Corequisite**

**Type**
Corequisite

None

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET192L Introduction to 3-D Modeling LAB (1)

## Description

### Course Description
This course introduces students to fundamental concepts and techniques of solid modeling and parametric modeling as a drawing/design tool using software such as Creo Parametric. Students will learn part and assembly creation, creation of 2-D engineering drawings from 3-D models, and mechanisms animation.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET192 - Graphics Communication

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

# MET504 Artificial Intelligence in Manufacturing (3)

## Description

### Course Description
This course introduces students to the fundamentals of implementing machine learning algorithms and AI-assisted design for manufacturing technologies. Topics covered include machine learning classification and regression methods with basic neural networks, techniques applied to failure prediction, and process monitoring, among other case studies. The course will review AI-assisted generative design for manufacturing and automated modeling. Students will apply machine learning algorithms and AI-assisted technology to solve industrial problems or optimize design for manufacturing.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET506 Advanced Instrumentation and Control (3)

## Description

### Course Description
This course provides students with the knowledge and skills of fundamental principles of instrumentation and control systems. Topics include measurement systems, instrumentation system elements, including various sensors, signal processing, and smart systems. Process controllers, correction elements, PLC systems, and system models are explored, emphasizing practical applications and case studies.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET600 Manufacturing Systems (3)

## Description

### Course Description
This course introduces students to the skills and tools required to plan, design, manage, and improve manufacturing systems. Topics covered include factory layout, simulation, value stream mapping, theory of constraints, lean manufacturing, standard work, visual management, single-piece flow vs. batch processing, time studies, real-world manufacturing case studies, inventory management, and manufacturing leadership. Students will be able to lay out and optimize a production line, identify bottleneck processes, and determine lead times using analytical methods and simulation software.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET602 Renewable Energy (3)

## Description

### Course Description
This course introduces students to renewable energy technologies. Students will learn about wind, hydro, solar thermal, photovoltaic, ocean and bioenergy technologies. Students will describe the operating principles of renewable energy systems and efficiently design their components.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

# MET604 Quality Management (3)

## Description

### Course Description
This course introduces students to the principles, strategies, and systems of quality management. Topics covered include designing quality processes, the key elements of total quality management, the six-sigma process improvement methodology (DMAIC), strategic quality planning, the voice of the customer, and quality systems. Students will apply appropriate analytical and statistical tools to manage and improve quality in processes.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET650 Project I (3)

## Description

### Course Description
This course is the first phase of the culminating experience in engineering technology through a practical project spanning the conceptual design, planning, and specification to the implementation, testing, and evaluation of the system. Faculty approval is required for the formally presented proposed project.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET652 Project II (3)

## Description

### Course Description
This course is the second phase of the culminating experience in engineering technology through a practical project spanning the conceptual design, planning, and specification to the implementation, testing and evaluation of the system. Students will apply learned principles and tools to the design and implementation of a faculty approved project.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET114 Introduction to Geometric Dimensioning and Tolerancing (GD and T) (3)

## Description

### Course Description
This course introduces students to the Geometric Dimensioning and Tolerancing (GD&T) system. Students will learn about terminology, symbols, terms, rules and concepts of GD&T. Datums, position tolerance along with various controls are among other topics covered.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET192L - Introduction to 3-D Modeling LAB

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET211 Statics (3)

## Description

### Course Description
This course covers fundamentals and applications of statics, including the analysis of coplanar and non-coplanar force systems using analytical and graphical methods. Students will learn about systems of forces and couples; equilibrium of particles and rigid bodies; distributed force systems; normal, shear and bending moment diagrams; centroids and moments of inertia; and the analysis of structures.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PHY120 - Physics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# MET213 Advanced 3D Modeling (3)

## Description

### Course Description
This course introduces students to more advanced features, commands, and functions of 3-D parametric modeling. Students will learn about working environment customization, weldment assemblies, advanced patterns and family tables, advanced drawing functions, and advanced design tools.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET192L - Introduction to 3-D Modeling LAB

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET221 Manufacturing Processes (3)

## Description

### Course Description
This course surveys and introduces common processes and design for manufacturing considerations. Student will learn about methods and equipment used to transform materials; the inter-dependency between geometry (form), materials properties, and processes; their effects on the functionality of the manufactured artifact; and the processing of polymers, metals, and ceramics.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET191 - Materials Science
  **AND** MTH200 - Pre-calculus

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET222 Mechanical Drives and Power Transmission (3)

## Description

### Course Description
This course covers the basics of mechanical drives such as belts, chains, and gears. Students will be able to identify the roles of proper lubrication and alignment, bearings, and fastening techniques.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET223 Applied Machine Tools (3)

## Description

### Course Description
This course introduces students to machine shop techniques. Students will learn how to interpret machining guidelines, the specifications of machining operations, and the practical techniques of handling machines tools.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET221 - Manufacturing Processes

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET224 CNC Machines Operation (3)

## Description

### Course Description
This course provides students with the knowledge and skills required to understand CNC manufacturing processes. Students will learn about CNC systems, controls, operation, set-up, G-code, and an introduction to Computer Aided Machining (CAM) to manufacture finished parts from stock material.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET223 - Applied Machine Tools

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET230 Hydraulics and Pneumatics Systems (3)

## Description

### Course Description
This course introduces students to the theory and operation of hydraulic and pneumatic devices and systems. Students will learn various applications for power transmission and control systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH131 - College Algebra

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET230L Hydraulics and Pneumatics Systems Lab (1)

## Description

### Course Description
This course consists of experimentation involving the use of the various hydraulic and pneumatic devices studied in the Hydraulics & Pneumatics Systems course. Students will learn hydraulics and pneumatics principles through laboratory experimentations.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET230 - Hydraulics and Pneumatics Systems

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lab |
| 30 |

# MET232 Pumps (3)

## Description

### Course Description
This course describes the theory and operation of various types of pumps. Students will learn how to apply fluid mechanics principles by analyzing exemplary systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET311 Mechanisms (3)

## Description

### Course Description
This course covers plane motion and devices used to generate plane motion. Students will learn how to compute and analyze displacement, velocity, and acceleration in mechanical systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET192L - Introduction to 3-D Modeling LAB
  **AND** MTH200 - Pre-calculus
  **AND** PHY120 - Physics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET313 Applied Strength of Materials (3)

## Description

### Course Description
This course describes stress-strain relationships. Students will learn how stress-strain relationships can result from direct loads, torsional loads, and bending loads; the results obtained from applying more than one of these loads simultaneously; and the effects of beam deflection and column loading.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET211 - Statics
  **AND** MTH220 - Applied Calculus I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# MET313L Materials LAB (1)

## Description

### Course Description
This course offers students an exploration of the fundamental principles and techniques of materials science. Through a series of laboratory experiments, students will gain experience in testing, analyzing, and characterizing various materials, including metals, polymers, ceramics, and composites. This course is designed to complement theoretical knowledge gained in materials science lecture courses.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET313 - Applied Strength of Materials

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

# MET320 Machine Tools (3)

## Description

### Course Description
This course introduces students to the fundamental safety concepts, tools, and techniques used in modern machine shops. Students will explore the properties and uses of various machine tools, including lathes, milling machines, and cutting machines, and their applications in manufacturing. Upon successful completion, students will have a comprehensive understanding of material properties, tool selection, and the basic principles of machine operation.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET192L - Introduction to 3-D Modeling LAB
  **AND** MET221 - Manufacturing Processes

**Corequisite**

**Type**
Corequisite

**Complete ALL of the following Courses:**
- MET320L - Machine Tools Lab

## Contact Hours

Lecture

45

Lab

0

# MET320L Machine Tools Lab (1)

## Description

### Course Description
This course introduces students to CNC (Computer Numerical Control) programming and machine tools operations, focusing on laser cutting, milling and lathe operations. Students will learn to write and optimize CNC programs, set work and tool offsets, and be introduced to CAD/CAM integration for automated programming. Upon successful course completion, students will be able to operate CNC machines and apply various programming strategies in manufacturing and engineering industries.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET192L - Introduction to 3-D Modeling LAB
  **AND** MET221 - Manufacturing Processes

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- MET320 - Machine Tools

## Contact Hours

Lecture

0

Lab

30

# MET322 CNC Machining with Computer-Aided Manufacturing (CAM) (3)

## Description

### Course Description
This course introduces students to the integration of CNC machining and Computer-Aided Manufacturing (CAM). Students will learn to design parts using CAD software, convert designs into machine-readable formats using CAM tools, and optimize CNC programs for efficiency and precision. Topics covered allow students to gain the skills needed to seamlessly transition from design to production, using advanced software to enhance the capabilities of CNC machining in modern manufacturing environments.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET320 - Machine Tools

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET324 Introduction to Quality Management (3)

## Description

### Course Description
This course introduces quality management, control and improvement in manufacturing processes. Students will learn lean enterprise, six sigma, statistical process control, management and planning tools.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH200 - Pre-calculus

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET330 Applied Fluid Mechanics (3)

## Description

### Course Description
This course describes the fundamental principles of fluid mechanics through the study of manometry, buoyancy, and forces on submerged bodies; boundary layers; flow over surfaces; Bernoulli's equation with applications; orifices; pipe losses; and hydrodynamics. Students will learn how to apply fluid mechanics principles by analyzing exemplary systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET230 - Hydraulics and Pneumatics Systems
  **AND** MTH220 - Applied Calculus I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET330L Applied Fluid Mechanics Lab (1)

## Description

### Course Description
This course consists of experimentation involving the fundamental principles of fluid mechanics, as applied to static equilibrium, internal and external flow, pumps and hydrostatic transmissions. Students will learn the principles of fluid mechanics through laboratory experiments.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET330 - Applied Fluid Mechanics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

# MET400 Senior Project (3)

## Description

### Course Description
This course requires students to implement, test and demonstrate a solution to a problem statement related to engineering technology systems. Students will learn to demonstrate achievement of the program’s learning objectives throughout the course.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET400L Senior Project Lab (1)

## Description

### Course Description
This course requires students to produce individual or group projects based upon a Mechanical Engineering Technology centric experience. Students will learn how to apply the hypothesis and design concepts of a senior project.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Additional Comments:**
Academic Advisor Approval

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

# MET405 Externship-MET Sr. III (3)

## Description

### Course Description
This course provides the student with applied practical training through collaboration with industry partners. Students will learn how to apply acquired competencies and skills in a technical setting facility.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

135

# MET406 Externship-MET Sr. II (2)

## Description

### Course Description
This course provides the student with applied practical training through collaboration with industry partners. Students will learn how to apply acquired competencies and skills in a technical setting facility.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

90

# MET407 Externship-MET Sr. I-a (1)

## Description

### Course Description
This course provides the student with applied practical training through collaboration with industry partners. Students will learn how to apply acquired competencies and skills in a technical setting facility.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# MET408 Externship-MET Sr. I-b (1)

## Description

### Course Description
This course provides the student with applied practical training through collaboration with industry partners. Students will learn how to apply acquired competencies and skills in a technical setting facility.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# MET409 Externship-MET Sr. I-c (1)

## Description

### Course Description
This course provides the student with applied practical training through collaboration with industry partners. Students will learn how to apply acquired competencies and skills in a technical setting facility.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# MET410 Dynamics (3)

## Description

### Course Description
This course describes the dynamic behavior of particles; translation, rotation and plane motion of a rigid body; and the principles of conservation of energy and momentum. Students will learn how to analyze the dynamics of exemplary mechanical systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET211 - Statics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET412 Machine Design (3)

## Description

### Course Description
This course introduces students to mechanical components and system design and provides analysis/design of clutches, brakes, belts and roller chain. Students will learn about indeterminate normal loading, superposition of stresses and deflections, compound stresses, columns and fatigue, theories of failure, shaft design and deflections of shafts with non-uniform moments of inertia involving computer verification, antifriction bearings, engineering materials, and helical compression springs.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET313 - Applied Strength of Materials
  **AND** MET410 - Dynamics
  **AND** MTH320 - Applied Calculus II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET414 Applied Finite Element Analysis (3)

## Description

### Course Description
This course introduces the basic concepts of finite element analysis (FEA) method. Students will learn about linear algebra, truss and beam, and heat transfer elements subjects to steady state conduction and convection.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET412 - Machine Design
  **AND** MET434 - Applied Heat Transfer

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MET420 Instrumentation and Industrial Controls (3)

## Description

### Course Description
This course describes instrumentation for measurement and control of physical variables, with emphasis on basic circuit analysis, electrical instruments, sensors and measurement principles, and automatic controls from a systems point of view. Students will learn the basics of electronic instrumentation, theory and application of Laplace transforms in control systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- EET223 - Electronic Devices and Operational Amplifiers

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET420L Instrumentation and Industrial Controls LAB (1)

## Description

### Course Description
This course consists of experimentation involving the use of the various instrumentation devices studied in the Instrumentation & Industrial Control course. Students will learn instrumentation and industrial control through laboratory experimentations.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET420 - Instrumentation and Industrial Controls

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

# MET432 Applied Thermodynamics (3)

## Description

### Course Description
This course describes the fundamentals of thermodynamics including work and heat; the classical approach to first and second laws of thermodynamics; ideal gas, entropy, reversibility, irreversibility; and study of various processes and cycles. Students will learn the laws of thermodynamics and their applications in mechanical systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET330 - Applied Fluid Mechanics
  **AND** MTH220 - Applied Calculus I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET434 Applied Heat Transfer (3)

## Description

### Course Description
This course describes the basic principles of heat transfer, including theory and applications of conduction, free and forced convection and radiation heat transfer, heat exchangers, and heat transfer measurement. Students will learn the theory and applications of heat transfer as applied to internal combustion engines, steam engines, engine dynamometers, refrigeration and heat pumps, solar energy systems, and heat exchangers.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET432 - Applied Thermodynamics
  **AND** MTH320 - Applied Calculus II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MET434L Heat Transfer and Thermodynamics Lab (1)

## Description

### Course Description
This course consists of experimentation involving the fundamental principles of thermodynamics and heat transfer, as applied to internal combustion engines, steam engines, engine dynamometers, refrigeration and heat pumps, solar energy systems, and heat exchangers. Students will learn the basics of thermodynamics and heat transfer through laboratory experimentations.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MET434 - Applied Heat Transfer

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lab |
| --- |
| 30 |

# MGT520 Organizational Behavior and Leadership (3)

## Description

### Course Description
This course focuses on developing effective skills to manage and lead people in today’s complex organizations. Students will analyze the essential elements of teams, group culture, individuals, and their interrelationships in multicultural and global organizations in order to develop methods that elicit high performance. In addition to exploring the human aspect of an enterprise, the intrinsic role of an organization’s mission, vision, purpose, core competencies, and structure will be examined.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MGT524 Ethics and Corporate Responsibility (3)

## Description

### Course Description
This course allows students to apply critical thought to evaluate the role of business and organizations in society from an ethical and legal perspective. Special emphasis is placed on the demands managers and change agents must face on a regular basis in the contemporary multicultural and global workforce and business environment.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MGT520 - Organizational Behavior and Leadership

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# MGT528 Business Research and Analysis (3)

## Description

### Course Description
This course improves a student's abilities to research, analyze, interpret and report information. Case based reasoning uses a logical approach to design business plans and to solve business problems. Students will identify key areas of information for business management, evaluate both quantitative and qualitative data and information and communicate results to a diverse audience. Ethics in research and reporting is emphasized. This course provides the structure needed for the capstone project that will be completed in BUS628.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MGT520 - Organizational Behavior and Leadership

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MGT532 Organizational Change and Development (3)

## Description

### Course Description
This course focuses on the theories and practical applications of organizational change and development that affect organizational mission and vision. Special emphasis is placed on group dynamics and interventions and the corresponding change they create.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MGT520 - Organizational Behavior and Leadership

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MGT560 Strategic Human Resources Management (3)

## Description

### Course Description
This course examines the role of strategic planning and managing the workforce in a contemporary global environment. Students will study the role of human resources management in organizations to include staffing, training, motivation and retention, compliance, compensation, collective bargaining, affirmative action, and other regulatory issues. Students will develop an understanding of human resources as a business partner, the global nature of human resource management and the role of technology in human resource management decisions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MGT575 Modern Management Models (3)

## Description

### Course Description
This course examines the evolution of management models from 1900 to present day. Terminology, concepts, constructs, theories and practices of management are examined. Special emphasis is focused on successful management practices in the 21st century in differentiated global industries.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MGT585 Cultural Issues in Management (3)

## Description

### Course Description
This course reviews the impact of social, political, and economic frameworks from the international and domestic perspectives. Students assess the effect of differing values and cultures in cross-cultural organizational operations. Trends in globalization and decision-making strategies are explored that assist with business challenges that exist for diverse stakeholders.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MGT590 Human Resources Information Systems (HRIS) (3)

## Description

### Course Description
This course provides students with an overview of the digital landscape and a synopsis of technology available to measure and manage human capital. Students will explore specific systems and frameworks for investigating and selecting technology solutions. Through class discussion, case exploration, and research, this course will provide opportunities to review a variety of technology and the advantages of using that technology to enhance the contributions of the human resource function across an organization.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MGT604 Management and Strategy (3)

## Description

### Course Description
This course focuses on strategic management decisions and processes that sustain an organization’s long term competitive advantage. Students will learn about managing and controlling an organization’s tangible and intangible assets.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MGT520 - Organizational Behavior and Leadership

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MGT608 Global Management Processes (3)

## Description

### Course Description
This course focuses on the theories and applications of Management Science, quantitative analysis, decision theory, and scientific methods collectively known in the global business arena as Decision Science. Students will learn through application of a breakeven analysis, transportation models, linear forecasting, inventory forecasting and PERT/Critical Path Methods.Special emphasis will be placed on forecasting models and decision theory. Best practices for promoting workplace innovation and positive team dynamics in decision science are addressed.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MGT520 - Organizational Behavior and Leadership

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MGT615 Management Capstone (3)

## Description

### Course Description
This capstone course integrates the theories, skills and knowledge gained from previous courses and provides students with the opportunity to make strategic management decisions. A simulation learning environment helps students develop analytical, organizational and managerial skills to analyze complex situations and recommend comprehensive solutions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All other courses in MSMG program OR Dean's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MGT625 Essentials of Leadership (3)

## Description

### Course Description
This course prepares managers and leaders with the leadership skills essential to lead in today's world of business and assist in achieving instructional and organizational goals. This course will provide an opportunity to gain essential knowledge and skills in supporting an organizational vision, delivering results-oriented leadership, and leadership through the lens of personal leadership style.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MGT635 Open Source Leadership (3)

## Description

### Course Description
This course explores the concept of key strategies both individually and collectively, specifically in organizational development, through teamwork, planning, and cultural change. This course addresses mission-driven outcomes for maximum impact and lasting results while compiling ideas and information from a variety of resources, networks, and blended roles.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MGT645 Human Resources Management Compliance (3)

## Description

### Course Description
This course will provide a survey of employment rules and regulations, including employment discrimination (such as protected class, disparate impact, disparate treatment, retaliation); military leave; drug-free workplace legal issues; workplace violence; the Family and Medical Leave Act of 1993 (FMLA); the Americans with Disabilities Act of 1990 (ADA); negligent referral; negligent hiring; negligent retention; employee references; and workplace harassment. Students will develop an understanding of Human Resource Management (HRM) that involves compliance and regulatory issues and trends.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MGT648 Talent Management (3)

## Description

### Course Description
This course will provide in-depth exercises and case studies related to managing a diverse set of individuals in today's business environment. Students will learn that managing people is not just the job of the Human Resources department; rather it is a partnership between all departments within an organization working collaboratively to manage an organization's greatest asset – its people.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MHA490 Fundamentals of Healthcare (2)

## Description

### Course Description
This introductory course serves to connect the business environment with the healthcare field. Students will learn about healthcare facility types and the services provided, key healthcare administration operational topics, and complete interactive activities to gain familiarity with medical and healthcare administration terminology. In addition, students will explore the components of the MHA program focus tracks, understand the variety of career opportunities, and analyze the healthcare facilities/ services in their local communities.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 30 |

# MHA520 Principles of Healthcare Administration (3)

## Description

### Course Description
This course provides a refresher of principles of administration within health and human service organizations and the basic concepts of leadership and organizational theories relevant to the effective administration of healthcare institutions. Student will learn the responsibilities of a healthcare administrator, day to day management, training, and organizational change which promotes environmental access within the open healthcare system.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

# MHA524 Advanced Healthcare Delivery Systems (3)

## Description

### Course Description
This course delivers a comprehensive review of the structure and operation of the U.S. health care system, and the political and social environment in which it exists. Students will learn how the U.S. health care delivery system was created, its operations in today's climate, and the role of government in regulating health services. S. healthcare system, as well as perform fundamental analyses of factors influencing healthcare costs and access, availability of necessary services, quality, and the appropriateness of care rendered to clients.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MHA526 Healthcare Law and Ethics (3)

## Description

### Course Description
This course introduces practical awareness of the legal and ethical issues involved in the delivery and administration of healthcare in the U.S. Students will learn the legal and regulatory foundation for the management of health care entities and the fundamental philosophy of values, morals, and ethics.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MHA530 Healthcare Statistics (3)

## Description

### Course Description
This course provides the basic knowledge required for the analysis, presentation, and application of data relevant to healthcare issues. Fundamental to these skills, students will study descriptive and inferential statistics, sampling and data preparation, probability and hypothesis testing, levels of data, measures of central tendencies, t-tests, correlations, ANOVA, chi square, and regression analysis.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MHA564 Human Resource Management Strategies (3)

## Description

### Course Description
This course examines the role of strategic planning and managing the workforce in a healthcare environment. Students will study the role of human resources management in organizations to include staffing, training, motivation and retention, compliance, compensation, collective bargaining, affirmative action, and other regulatory issues. Students will develop an understanding of human resources as a business partner, the global nature of human resource management, and the role of technology in human resource management decisions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

# MHA574 Healthcare Performance Measures and Regulation (3)

## Description

### Course Description
This course reviews how healthcare laws and regulations in various healthcare environments act as a basis for healthcare compliance. Students will be familiarized with federal and state laws related to the activities of healthcare agencies, using case studies to practice the development of policy writing, education, and training programs.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MHA582 Information Management in Healthcare (3)

## Description

### Course Description
This course presents various health informatics standards and health information systems, including specification, design, and components for health information systems (e.g., electronic medical records and patient health records). Students will explore concepts of interoperability of various healthcare informatics systems and their issues and challenges.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MHA600 Economic Policy and Procedure in Healthcare Organizations (3)

## Description

### Course Description
This course provides students a broad review of economic concepts and theory related to health, health care, and health care systems. The student will learn the importance of the health status of human beings, the size of the health sector, and the limited resources available to meet the needs of an aging population. The relevance of health economics to various sectors (health services, public health, medicine, pharmaceutical, and health technology industry) will 3 also be examined. healthcare delivery system.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MHA620 MHA Leadership Capstone (3)

## Description

### Course Description
This is the last course in the MHA program. Students will present their culminating project, in which they apply knowledge, technical, and administrative skills to a current healthcare issue that impacts healthcare or community health organizations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ALL of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**

- MHA520 - Principles of Healthcare Administration
- MHA524 - Advanced Healthcare Delivery Systems
- MHA526 - Healthcare Law and Ethics
- MHA530 - Healthcare Statistics
- MHA564 - Human Resource Management Strategies
- MHA574 - Healthcare Performance Measures and Regulation
- MHA582 - Information Management in Healthcare
- MHA600 - Economic Policy and Procedure in Healthcare Organizations

**AND**

Prerequisite

**Fulfill ANY of the following requirements:**

**Complete ALL of the following Courses:**

- MCH605 - Community Health Landscape
- MCH610 - Community Health Education and Promotion
- MCH615 - Community Health Decision Making

**OR**

**Complete ALL of the following Courses:**

- MHI605 - Advanced Health Informatics and Data Science
- MHI610 - Predictive Analysis for Healthcare
- MHI615 - Healthcare Analytic Tools

**Corequisite**

**Type**
Corequisite

**None**

### Contact Hours

Lecture

45

## MHI605 Advanced Health Informatics and Data Science (3)

### Description

### Course Description
The course reviews the current use of information technology in the clinical and management practice for the healthcare delivery enterprise. The student will learn to apply techniques of data retrieval and extraction, such as natural language processing and text mining.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**

- MHA520 - Principles of Healthcare Administration
  **AND** MHA524 - Advanced Healthcare Delivery Systems
  **AND** MHA526 - Healthcare Law and Ethics
  **AND** MHA530 - Healthcare Statistics
  **AND** MHA564 - Human Resource Management Strategies
  **AND** MHA574 - Healthcare Performance Measures and Regulation
  **AND** MHA582 - Information Management in Healthcare
  **AND** MHA600 - Economic Policy and Procedure in Healthcare Organizations

**Corequisite**

**Type**
Corequisite

**None**

### Contact Hours

Lecture

45

# MHI610 Predictive Analysis for Healthcare (3)

## Description

### Course Description
In this course students are exposed to a variety of standards for electronic health records, such as structure, terminology, documentation, and reporting. Students will understand the norms for communication, storage, and representation of health care data. The students will understand the use of data and statistical algorithms to identify trends and provide better outcomes based on historical data.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ALL of the following requirements:**

**Complete ALL of the following Courses:**
- MHI605 - Advanced Health Informatics and Data Science

**AND**

**Completion of all MHA courses, except MHA620**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

# MHI615 Healthcare Analytic Tools (3)

## Description

### Course Description
This course explores how health care facilities generate and capture data, with an emphasis on data collection for quality improvement that focuses on the skills of data organization and the evaluation of the process, performance, and relationships included in the health record and other data sources related to health.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ALL of the following requirements:**

**Complete ALL of the following Courses:**
- MHI610 - Predictive Analysis for Healthcare

**AND**

**Completion of all MHA courses, except MHA620**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MKT214 Marketing Management (3)

## Description

### Course Description
This course introduces students to the field of marketing, its principles, strategies and procedures that are followed in moving from marketing research, to a marketing idea, to development of the marketing plan and strategies for getting a product to the public. The impact of environmental, societal, and technological influences on the marketing process will also be reviewed and analyzed. Students will conduct marketing research, analyze case studies, and research companies and their marketing strategies.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MKT440 Marketing Strategy for Managers (3)

## Description

### Course Description
This course provides students with an in-depth review of the development and implementation of marketing strategies within an organization. Students will learn how to analyze consumer behavior, market trends, and competitive landscapes to develop effective marketing strategies. Students will also explore the role of branding, pricing, product development, and distribution in crafting a successful marketing approach.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MKT214 - Marketing Management

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MPA500 Clinical Gross Anatomy I (4)

## Description

### Course Description
This is the first of a two-part course series that will provide a regional approach to normal and variations in human anatomy, including structure and function. Students will learn to recognize anatomical landmarks, musculoskeletal components, and organs and how to associate and apply normal structure and function to frequently treated disease processes, pathologies, and dysfunctions seen in PA practice. Upon successful completion of the course, students will be able to identify anatomy and describe common pathologies seen in PA practice and apply this knowledge to clinical practice.

### Credit Hours

4

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 30 |

# MPA510 Critical Thinking I (1)

## Description

### Course Description
This course will introduce students to the foundational policies and professional expectations of the PA Program, preparing them to meet academic requirements and uphold professional standards. Students will learn the historical development of the PA profession, including its origins, milestones, and evolving role in U.S. healthcare. Core concepts of critical thinking and clinical reasoning will be introduced, with emphasis on early-stage case analysis. Through case-based, small-group learning, students will build essential skills in analytical thinking, contextual understanding, problem-solving, and professional judgment. Upon successful course completion, students will demonstrate the ability to apply clinical reasoning and critical thinking to deliver patient-centered care.

### Credit Hours

1

## Contact Hours

| Lecture |
| --- |
| 15 |

# MPA525 Physiology and Pathophysiology II (3)

## Description

### Course Description
This is the second of a two part course series that explores the physiological and pathophysiological foundations of disease. Students will examine how genetics, epidemiology, and physiology interact to influence health and disease processes. Upon successful completion of the course, students will be able to explain how pathophysiologic mechanisms relate to anatomy and common diseases and apply this understanding in clinical contexts.

### Credit Hours

3

## Contact Hours

| Lecture |
| --- |
| 30 |

| Lab |
| --- |
| 30 |

# MPA530 Laboratory Medicine (2)

## Description

### Course Description
This course offers a comprehensive exploration of laboratory medicine, emphasizing the integration of physiological and pathophysiological principles in diagnostic testing. Students will develop critical thinking skills, including concepts such as sensitivity and specificity, to optimize patient care. Topics include medical microbiology, hematology, chemistry, immunology, serology, urine studies, and laboratory interpretation in relation to diagnostic reasoning. Through clinical case discussions and interactive eHospital modules, students will learn to interpret laboratory results within the context of patient assessment and diagnosis, recognizing abnormal findings and their clinical significance. Upon successful completion, students will be equipped to select and utilize appropriate diagnostic tests to support accurate and effective clinical decision-making.

### Credit Hours

2

## Contact Hours

| Lecture |
| --- |
| 30 |

# MPA540 Clinical Medicine I (3)

## Description

### Course Description
Clinical Medicine I is the inaugural course in the Clinical Medicine Series (I - VI). The Clinical Medicine Series is the cornerstone of the didactic curriculum covering the pathophysiology, diagnosis, and management of diseases across the lifespan and including all major body systems. It integrates basic sciences with clinical application, focusing on developing a student's ability to formulate differential diagnoses, create treatment plans, and apply evidence-based medicine in a variety of patient scenarios.

### Credit Hours

3

## Contact Hours

| Lecture |
| --- |
| 45 |

# MPA545 Pharmacology I (1)

## Description

### Course Description
This course serves as the foundation for a six-part series on pharmacotherapy. Students will explore the mechanisms and applications of drug-based interventions for various pathologies. Upon successful course completion, students will be able to apply core pharmacological principles to the development of judicious, evidence-based treatment plans.

### Credit Hours

1

## Contact Hours

| Lecture |
| --- |
| 15 |

# MPA575 Diagnostic Medicine I (1)

## Description

### Course Description

This introductory course in the Diagnostic Medicine series covers major imaging modalities, including X-ray, ultrasound, CT, PET, MRI, nuclear medicine, and fluoroscopy. Students will develop essential skills in imaging selection and interpretation while examining how radiology integrates into holistic patient management.

### Credit Hours

1

## Contact Hours

| Lecture |
| --- |
| 15 |

# MSCS501 Cybersecurity with AI Synopsis (3)

## Description

### Course Description
This course provides a comprehensive exploration of cybersecurity strategy in the era of artificial intelligence (AI). Students will examine how AI enhances threat intelligence, risk evaluation, and organizational defense through advanced analytical frameworks. Guided by NIST standards, students will apply critical thinking to assess adversarial tactics, interpret complex security data, and explore adaptive strategies that strengthen organizational resilience. Throughout the course, students will also collaborate with AI assistants to support analysis, decision-making, and strategy development in real-world cybersecurity contexts.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MSCS513 Human and Ethical Aspects of Cybersecurity (3)

## Description

### Course Description
This course will provide students with advanced knowledge of ethical positions on cybersecurity related issues. Students will examine best practices in ethical aspects of cybersecurity, analyze the characterization of human behaviors of defenders and attackers affect cybersecurity risk, create a cyber-defense plan, develop codes of conduct regarding cybersecurity threats at the employee level and develop cybersecurity standard operating procedures and policies.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MSCS521 Security Architecture and Design (3)

## Description

### Course Description
This course will provide students with advanced knowledge of designing and evaluating secure digital systems. Students will analyze security architectures to identify vulnerabilities, integrate key principles such as least privilege and segmentation, and assess the effectiveness of frameworks like NIST, ISO, and CIS. The course explores architectural models, including zero trust and layered defense, to address organizational security needs and ensure regulatory compliance. Students will be able to develop secure architectural designs, mitigate potential threats, and implement effective incident response strategies to safeguard critical assets.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MSCS525 AI-Augmented Cybersecurity with Python (3)

## Description

### Course Description
This course offers a comprehensive exploration of cybersecurity concepts, tools, and techniques, integrated with the practical application of Python programming. Students will use artificial intelligence to troubleshoot Python code, enhancing their ability to build, analyze, and refine cybersecurity scripts and tools. Through hands-on projects, students will apply Python to tasks such as threat detection, log analysis, and automation, while leveraging AI to accelerate debugging and learning. By the end of the course, students will be able to combine cybersecurity knowledge, Python programming, and AI-assisted problem solving to design more effective and resilient security solutions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MSCS615 Cloud Security (3)

## Description

### Course Description
This course will provide students with advanced knowledge of cloud computing architecture and security, along with an overview of current technologies and solutions. The students will analyze new and emerging cloud solutions. Students will identify and evaluate cloud computing architectures using current technologies. Students will apply different types of cloud architecture models, cloud-based services to resolve threats, components (logical and physical), and security issues.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MSCS626 Network Security and Next-Gen Firewalls with AI (3)

## Description

### Course Description
This course examines how Artificial Intelligence (AI) is reshaping cybersecurity as both a powerful defense tool and a potential attack method. Students gain hands-on experience with Python, AI-driven detection, and the Wazuh security platform while analyzing real-world incidents and ethical challenges. By the end of the course, students will be able to evaluate risks, apply AI in defensive strategies, and assess the ethical implications of AI in security.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis
- MSCS525 - AI-Augmented Cybersecurity with Python

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MSCS633 Applied Cryptography and Data Protection with AI (3)

## Description

### Course Description
This course provides students with advanced insights into cryptography and its role in protecting data. Students explore symmetric and asymmetric encryption, cryptographic protocols, and safeguards for securing sensitive information, while applying these concepts through Python programming. Generative AI tools are introduced as supportive resources for problem-solving, prompt engineering, and evaluating responsible AI use in cryptographic and security workflows.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis
- MSCS521 - Security Architecture and Design

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# MSCS635 Advanced Networking (3)

## Description

### Course Description
This comprehensive course is designed to provide students with hands-on experience in troubleshooting issues related to each layer of the internet's five-layer architecture: Physical, Link, Network, Transport, and Application Layers. Through interactive labs and exercises, students will learn how to identify and resolve common problems, related to security and networking.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MSCS637 Hardening Enterprise Security Architecture with AI (3)

## Description

### Course Description
This course introduces students to methods for strengthening enterprise cybersecurity architecture from a managerial perspective, with an emphasis on leveraging artificial intelligence and machine learning. Students will learn how to analyze and identify threats, vulnerabilities, and mitigations in complex enterprise networks, while incorporating AI-enabled tools to support risk assessment and decision-making. Through penetration testing projects and managerial analysis, students will evaluate vulnerabilities, design mitigation strategies, and allocate resources to improve organizational defenses. By the end of the course, students will be able to integrate business, technical, and AI-driven insights to enhance enterprise security architecture and strengthen cybersecurity management practices.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MSCS639 Cyber Forensics (3)

## Description

### Course Description
This course will provide students with knowledge of advanced methodologies and techniques including proper methods for maintaining integrity of forensic evidence including chain of custody, imaging digital media, examination of forensic information using manual and automated methods, and analysis of the findings and reporting. Students will be able to develop a profile of an individual's activity, determine the manner in which an operating system or application has been subverted, recover "deleted" and/or intentionally hidden information from various types of media, and demonstrate proficiency with handling different kinds of components including Mobile Device Forensics. Students will collect, examine, analyze and prepare detailed reports showing the relevance of digital evidence to mock cases.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MSCS641 Information Risk Management (3)

## Description

### Course Description
This course provides an in-depth exploration of information risk management, equipping students with the knowledge and skills to analyze risk management principles, frameworks, and methodologies. Students will investigate internal and external factors that impact an organization's risk profile, including regulatory compliance, emerging technologies, and third-party risks. The course emphasizes developing effective risk mitigation strategies, designing comprehensive risk management programs, and applying risk-based decision-making to align security initiatives with business objectives. Students will be able to assess risks, implement mitigation strategies, and support organizational security through data-driven risk management practices.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MSCS643 Cybersecurity Governance and Compliance using AI Gap Detection (3)

## Description

### Course Description
This course explores how artificial intelligence (AI) can support compliance and governance in cybersecurity by identifying and analyzing detection gaps. Students will use AI tools, such as ChatGPT, to investigate security gaps, translate findings into everyday language, and map them to key regulatory requirements. The course emphasizes U.S. utility sector compliance, focusing on standards like NIST 800-53 and GLBA 501. Through labs and case studies, students will learn to identify detection gaps, connect them to specific regulatory obligations, interpret control IDs and clauses, and explore best practices for governance, compliance, and operational improvement in federally regulated industries. By the end of the course, students will be able to apply AI-assisted analysis to strengthen compliance strategies and improve cybersecurity governance practices.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis
- MSCS521 - Security Architecture and Design

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MSCS645 Cybersecurity Strategies (Prevention and Protection) (3)

## Description

### Course Description
This course will provide students with advanced knowledge of how to navigate this new world of security by developing effective information security strategies, including mission, awareness, education, culture, task, technology, and people. Students will apply different components, starting from policy, legal, and compliance aspects of governance, audit management, and business continuity planning.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MSCS647 Compliance and Audit (3)

## Description

### Course Description
This course will provide students with advanced knowledge of cybersecurity audit and control processes. Students will also have an opportunity to be certified as a CISA (Certified Information System Auditor).

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MSCS656 Wireless, Mobile, and IoT Security (3)

## Description

### Course Description
This course addresses the security aspects associated with the prolific advancement in wireless communication. As wireless technologies, mobile devices, and the Internet of Things (IoT) become integral parts of our daily lives and business operations, robust security measures are paramount. The Wireless, Mobile, and IoT Security course is designed to provide students with a comprehensive understanding of the unique security challenges posed by wireless networks, mobile platforms, and IoT devices.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS501 - Cybersecurity with AI Synopsis

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Apprenticeship

0

Clinical/Externship

0

# MSCS675 AI/Machine Learning and Cybersecurity (3)

## Description

### Course Description
This course gives hands-on practice using artificial intelligence in cybersecurity. Students will analyze real network captures and apply machine-learning models to spot unusual activity and determine risk. Large language models (LLMs) support research—helping brainstorm questions, summarize sources, and explain results—while students verify all facts with trusted references. Content maps to NIST principles and CISSP domains and aligns with NSA/CAE academic outcomes. By the end, learners can connect AI methods to practical threat detection tasks.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MSCS525 - AI-Augmented Cybersecurity with Python
- MSCS626 - Network Security and Next-Gen Firewalls with AI

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MSCS695 AI Enhanced Cyber Defense Capstone (3)

## Description

### Course Description
This course provides hands-on experience in cyber defense through continuous Red Team/Blue Team simulations. Students will harden operating systems, configure firewalls, and utilize AI-driven tools for real-time threat detection, log monitoring, and mitigation. Throughout the course, students will assess vulnerabilities, implement defense strategies, and respond to cyber threats as both attackers and defenders, developing practical skills in securing and monitoring a simulated corporate network.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

**Completion of all other required courses in the MSCS program**

OR

**Dean's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# MTH090 Introduction to Mathematics (3)

## Description

### Course Description
This course provides a review of the fundamental arithmetic topics that are necessary for success in college mathematics. Students will learn problem-solving skills involving whole numbers, decimals, fractions, proportional reasoning, and conversions. Pass/No Pass Course

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MTH099 Introduction to College Algebra (3)

## Description

### Course Description
This course will provide students with mathematically sound and comprehensive coverage of the topics essential in an introductory algebra course and the fundamental skills needed by students for collegiate level mathematics courses. Students will learn and review integers, whole numbers and fractions, ratio and proportion, and problem solving. Pass/No Pass course

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# MTH120 College Mathematics (3)

## Description

### Course Description
This course covers fundamental arithmetic topics. Students will learn problem solving skills involving whole numbers, decimals, fractions, and proportional reasoning.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**

- MTH090 - Introduction to Mathematics

**OR**

Prerequisite

**Qualifying Score on Placement Test**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# MTH131 College Algebra (3)

## Description

### Course Description
This course examines algebraic applications and problem-solving skills to include the ability to formulate, use, and interpret mathematical models. Students will learn graphing of systems of linear equations, operations with and factoring polynomials, the algebra of rational expressions, manipulation and simplification of radicals, and properties of exponential and logarithmic functions and terms.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**

- MTH099 - Introduction to Mathematics

OR

Prerequisite

**Qualifying Score on Placement Test**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# MTH140 Statistics (3)

## Description

### Course Description
This course introduces students to gathering and using data to make inferences about a population using mathematical principles. Topics covered in this course include classifying different types of data, interpreting and generating graphical representations of data. Students will learn how to summarize statistics and use probability distributions to calculate the likelihood of events in experiments.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH131 - College Algebra

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# MTH200 Pre-calculus (3)

## Description

### Course Description
This course will introduce students to complex numbers, limits, and the six trigonometric functions and their inverses. Students will learn to apply the trigonometric functions, solve polynomial and rational equations, graph a variety of functions, and solve problems using vectors and matrices.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH131 - College Algebra

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MTH220 Applied Calculus I (3)

## Description

### Course Description
This course introduces students to the basic principles of calculus and its applications. Students will learn the concepts and problem-solving techniques of differentiation and integration.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH200 - Pre-calculus

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# MTH320 Applied Calculus II (3)

## Description

### Course Description
This course introduces students to advanced calculus and its applications. Students will learn the concepts and problem-solving techniques of integration, Taylor Series, Fourier Series, and Laplace transforms. Students will also use software package(s) for numerical computations.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH220 - Applied Calculus I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# MTH551 Healthcare Statistics (3)

## Description

### Course Description
This course provides the basic knowledge required for the analysis, presentation and application of data relevant to nursing and healthcare issues. Fundamental to these skills, students will study descriptive and inferential statistics, sample and data preparation, probability and hypothesis testing, levels of data, measures of central tendencies, t-tests, correlations, and ANOVA, chi square, and regression analysis.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH140 - Statistics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR304 Pathophysiology (3)

## Description

### Course Description
This course provides a foundation in pathophysiology for nursing students. Students will learn about major signs and symptoms of a variety of diseases across body systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR325 - Health Assessment Across the Lifespan

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# NUR100 Dosage Calculations (1)

## Description

### Course Description
This course prepares the student with a practical approach for preparing dosages and solutions, including calculating intravenous flow rates and pediatric dosages. Students will learn dimensional analysis, metric, household and apothecary systems of measurement, equivalents, abbreviations, conversions, oral medications, parenteral medications, intravenous rates, and pediatric dosage calculations. This is a calculations class, not a remedial or basic math course.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- COR105 - Study Skills

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR165 - Concepts of Nursing I
  **AND** PSY108 - Normal Life Span

## Contact Hours

Lecture

30

Lab

0

# NUR111 Dosage Calculations (1)

## Description

### Course Description
This course prepares the student with a practical approach for preparing dosages and solutions, including calculating intravenous flow rates and pediatric dosages. Students will learn dimensional analysis, metric, household and apothecary systems of measurement, equivalents, abbreviations, conversions, oral medications, parenteral medications, intravenous rates, and pediatric dosage calculations.This is a calculations class, not a remedial or basic math course.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- COR107 - Study Skills

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

32

Lab

0

# NUR119 Dosage Calculations for Professional Nursing (1)

## Description

### Course Description
This course prepares the student with a practical approach for preparing dosages and solutions, including calculating intravenous flow rates and pediatric dosages. Topics include: dimensional analysis, metric, household and apothecary systems of measurement, equivalents, abbreviations, conversions, oral meds, parenteral meds, intravenous rates, and pediatric dosage calculations. This is a calculations class, not a remedial or basic math course.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH131 - College Algebra
  **AND** NUR166 - Concepts of Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

Clinical/Externship

0

# NUR134 Pharmacology (1.5)

## Description

### Course Description
This course introduces and builds upon concepts necessary for sound judgment in the use of chemical agents. Students will learn principles of safe and accurate medication administration. The nursing process guidelines are incorporated to assist in the attainment of knowledge and skills related to medication therapy. Included in discussions are concepts underlying the medical uses of medications including pharmacodynamics, pharmacokinetics and pharmacotherapeutics.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR111 - Dosage Calculations
  **AND** NUR174 - Concepts of Nursing I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR177 - Concepts of Nursing II

## Contact Hours

Lecture

48

Lab

0

# NUR138 Pharmacology (3)

## Description

### Course Description
This course introduces and builds upon concepts necessary for sound judgment in the use of chemical agents. Students will learn principles of safe and accurate medication administration. The nursing process guidelines are incorporated to assist in the attainment of knowledge and skills related to medication therapy. Included in discussions are concepts underlying the medical uses of medications including pharmacodynamics, pharmacokinetics and pharmacotherapeutics.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR166 - Concepts of Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR139 Pharmacology (1.5)

## Description

### Course Description
This course introduces and builds upon concepts necessary for sound judgment in the use of chemical agents. Students will learn principles of safe and accurate medication administration. The nursing process guidelines are incorporated to assist in the attainment of knowledge and skills related to medication therapy. Included in discussions are concepts underlying the medical uses of medications including pharmacodynamics, pharmacokinetics and pharmacotherapeutics.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR100 - Dosage Calculations
  **AND** NUR165 - Concepts of Nursing I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR167 - Concepts of Nursing II

## Contact Hours

Lecture

45

Lab

0

# NUR164 Concepts of Nursing I (2)

## Description

### Course Description
This course introduces students to principles, theories and concepts that provide the foundation for nursing practice. Theory, research and evidence based practice are introduced and legal and ethical issues are discussed. Basic nursing skills necessary to deliver patient centered care in a multicultural society are developed. Learning opportunities are presented in the classroom and laboratory.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO116 - Anatomy and Physiology with Terminology II
  **AND** BIO116L - Anatomy and Physiology with Terminology II Lab
  **AND** COR195 - Study Skills

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lecture |
| 15 |

| |
|---|
| Lab |
| 30 |

| |
|---|
| Clinical/Externship |
| 0 |

# NUR165 Concepts of Nursing I (2.5)

## Description

### Course Description
This course introduces students to nursing history, principles, theories and concepts that provide the foundation for nursing practice. Evidence based practice; legal and ethical issues in nursing are discussed. Basic nursing skills including principles of health promotion and maintenance are developed. Relevance of diversity and holistic nursing care are introduced. Learning opportunities are presented in the classroom and laboratory setting.

### Credit Hours

2.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO117 - Anatomy and Physiology with Terminology II
  **AND** BIO117L - Anatomy and Physiology with Terminology II Lab
  **AND** COR105 - Study Skills

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 30 |

# NUR166 Concepts of Nursing II (3)

## Description

### Course Description
This course further expands upon the principles, theories and fundamental nursing concepts introduced in previous nursing classes with a key emphasis on the nursing process. Students will have opportunities to explore clinical reasoning, evidence based practice and care planning. Students will have opportunities to develop more advanced nursing skills needed to address the biopsychosocial needs of individuals in a multicultural society. Learning opportunities are presented in the classroom, laboratory and in supervised clinical experiences.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR164 - Concepts of Nursing I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

Clinical/Externship

36

Simulation

9

# NUR167 Concepts of Nursing II (3)

## Description

### Course Description
This course further expands upon the principles, theories, and fundamental nursing concepts introduced in previous nursing classes with a key emphasis on the nursing process. Course includes the nursing role in situations of bioterrorism and natural and man-made disasters. Students will have opportunities to explore clinical reasoning, evidence based practice, and care planning. Students will have opportunities to develop more advanced nursing skills needed to address the biopsychosocial needs of individuals in a multicultural society. Learning opportunities are presented in the classroom, laboratory, and in supervised geriatric, medical surgical, and/or community clinical experiences.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR165 - Concepts of Nursing I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR139 - Pharmacology

## Contact Hours

| | |
|---|---|
| Lecture | 30 |
| Lab | 30 |
| Clinical/Externship | 36 |
| Simulation | 9 |

# NUR168 Concepts of Nursing III (3)

## Description

### Course Description
This course further expands upon the principles, theories and fundamental nursing concepts introduced in previous nursing classes with a key emphasis on health assessment and health promotion. The course provides students with additional opportunities to develop more advanced nursing skills needed to address the biopsychosocial needs of individuals in a multicultural society. Students will have opportunities to explore various roles of the nurse and further explore clinical reasoning, evidence based practice and the nursing process. Learning opportunities are presented in the classroom, laboratory and in supervised clinical experiences.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR119 - Dosage Calculations for Professional Nursing
  **AND** NUR138 - Pharmacology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

Clinical/Externship

36

Simulation

9

# NUR169 Concepts of Nursing III (3)

## Description

### Course Description
This course further expands upon the principles, theories, and fundamental nursing concepts introduced in previous nursing classes with a key emphasis on health data collection and health promotion. It provides students with additional opportunities to develop more advanced nursing skills needed to address the biopsychosocial needs of individuals in a multicultural society. Students will have opportunities to explore various roles of the nurse and further explore clinical reasoning, evidence based practice, and the nursing process. Learning opportunities are presented in the classroom, laboratory, and in supervised geriatric and/or medical surgical clinical experiences.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR139 - Pharmacology
  **AND** NUR167 - Concepts of Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

30

Clinical/Externship

36

Simulation

9

# NUR174 Concepts of Nursing I (2.5)

## Description

### Course Description
This course introduces students to nursing history, principles, theories and concepts that provide the foundation for nursing practice. Evidence based practice; legal and ethical issues in nursing are discussed. Basic nursing skills including principles of health promotion and maintenance are developed. Relevance of diversity and holistic nursing care are introduced. Learning opportunities are presented in the classroom and laboratory setting.

### Credit Hours

2.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO118 - Anatomy and Physiology with Terminology II
  **AND** BIO118L - Anatomy and Physiology with Terminology II Lab
  **AND** COR107 - Study Skills

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 48 |

| Lab |
| --- |
| 32 |

# NUR177 Concepts of Nursing II (3)

## Description

### Course Description
This course further expands upon the principles, theories and fundamental nursing concepts introduced in previous nursing classes with a key emphasis on the nursing process. Students will have opportunities to explore clinical reasoning, evidence based practice and care planning. Course includes the nursing role in situations of bioterrorism and natural and man-made disasters. Students will have opportunities to develop more advanced nursing skills needed to address the biopsychosocial needs of individuals in a multicultural society. Learning opportunities are presented in the classroom, laboratory and in supervised clinical experiences.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR174 - Concepts of Nursing I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR134 - Pharmacology

## Contact Hours

| | |
|---|---|
| Lecture | 32 |
| Lab | 32 |
| Clinical/Externship | 39 |
| Simulation | 9 |

# NUR179 Concepts of Nursing III (3)

## Description

### Course Description
This course further expands upon the principles, theories and fundamental nursing concepts introduced in previous nursing classes with a key emphasis on health data collection and health promotion. It provides students with additional opportunities to develop more advanced nursing skills needed to address the biopsychosocial needs of individuals in a multicultural society. Students will have opportunities to explore various roles of the nurse and further explore clinical reasoning, evidence based practice and the nursing process as it relates to the geriatric client. Learning opportunities are presented in the classroom, laboratory and in supervised clinical experiences.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR134 - Pharmacology
  **AND** NUR177 - Concepts of Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

32

Lab

32

Clinical/Externship

39

Simulation

9

# NUR190 Mental Health Nursing (3)

## Description

### Course Description
This course allows students to apply foundational concepts and skills in caring for clients with mental health alterations in care settings across the lifespan. Students are introduced to the quality improvement process. Students will identify the functions of the interdisciplinary team and communicate and document healthcare information. Students will assist with the planning, provision and evaluation of care.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR169 - Concepts of Nursing III

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

60

Lab

0

Clinical/Externship

52

Simulation

4

# NUR203 Medical Surgical Nursing II (4)

## Description

### Course Description
This course focuses on identifying best practices in caring for clients with perioperative needs, digestive disorders, urinary alterations, hyperglycemic and hypoglycemic disorders and cancer. Students will practice using nursing informatics in organizing client information and care. Nutritional needs for these clients are addressed.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR169 - Concepts of Nursing III

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 90 |
| Lab | 0 |
| Clinical/Externship | 60 |
| Simulation | 4 |

# NUR204 Acute Care Nursing I (4)

## Description

### Course Description
This course focuses on the provision of client-centered care to clients with acute, chronic and complex healthcare needs across the life span. The elements of evidence-based practice will be utilized to enhance the plan of care. Students are given the opportunity to gain cognitive, affective and psychomotor skills in the delivery of care to clients with cardiovascular, burns, hematopoietic and integument disorders. Students will learn the skills of intravenous phlebotomy and electrocardiogram tracing. Sources of informatics will be utilized in the care setting to organize and manage client care.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR203 - Medical Surgical Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

90

Lab

0

Clinical/Externship

60

Simulation

4

# NUR205 Mental Health Nursing (3)

## Description

### Course Description
This course introduces the student to health promotion, health maintenance, and health restoration as it relates to client-centered care. Students continue to build on previously acquired knowledge and skills. Application of the nursing process continues as well as theory and practice in documentation. Students are beginning to explore the quality improvement process in the classroom and clinical setting. Concepts of mental health across the lifespan are introduced. Opportunities for experience in caring for selected clients mental health deviations are provided to coordinate with classroom instruction.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR179 - Concepts of Nursing III

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

64

Lab

0

Clinical/Externship

44

Simulation

4

# NUR206 Medical Surgical Nursing II (4)

## Description

### Course Description
The focus of the course includes health promotion, health maintenance, and health restoration. Students continue to build on previously acquired knowledge and skills. Opportunities for experience in caring for clients with perioperative needs, digestive and urinary alterations, hyperglycemic and hypoglycemic disorders, and cancer are provided to coordinate with classroom instruction. The student will be given practice in identifying best practices from provided sources of current nursing evidence. In addition, the student will continue to identify how the interdisciplinary team functions for individual clients with serious healthcare deviations and how the practical nurse communicates information that may be utilized by the interdisciplinary team. Students will utilize nursing informatics to organize client care. Application of the nursing process continues as well as theory and practice in documentation. Nutritional needs for these clients are addressed.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR205 - Medical Surgical Nursing I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

96

Lab

0

Clinical/Externship

52

Simulation

4

# NUR207 Maternity and Pediatric Nursing (3)

## Description

### Course Description
This course introduces the student to the care of individuals from conception through the childbearing years. Care of the well child and common disorders related to the care of sick children are also included. Students continue to build on previously acquired knowledge and skills. Various nutritional needs of these clients are addressed. In the clinical setting, students will use informatics to manage and communicate client data. Students will also begin to identify specific hazards that may impact patient care and communicate them to the RN, who is a member of the interdisciplinary team.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR206 - Medical Surgical Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

64

Lab

0

Clinical/Externship

36

Simulation

12

# NUR208 Maternity and Pediatric Nursing (3)

## Description

### Course Description
This course introduces the students to the care of individuals and families from conception through the childbearing years. Care of the well child and common disorders related to the care of sick children are also included. Nutritional needs for these clients are addressed. Students will also begin to identify specific hazards that may impact client care and communicate them to the interdisciplinary team.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR203 - Medical Surgical Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 75 |
| Lab | 0 |
| Clinical/Externship | 18 |
| Simulation | 12 |

# NUR209 Acute Care Nursing II (4)

## Description

### Course Description

The focus of this course is to provide client-centered care to clients with acute, chronic and complex healthcare needs across the lifespan. The elements of evidence-based practice will be utilized to enhance the plan of care. Students are given the opportunity to gain cognitive, affective and psychomotor skills in the delivery of client care to patients with hypertensive, reproductive, endocrine, and immune disorders and musculoskeletal alterations . Many of the clients may be more critically ill than those previously encountered. Students will continue to be introduced to the skills of intravenous phlebotomy and electrocardiogram tracing. Nutritional needs for these clients will be identified and addressed. Available sources of informatics will be utilized in the care setting to organize and manage client care.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR203 - Medical Surgical Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

90

Lab

0

Clinical/Externship

60

Simulation

4

# NUR213 Acute Care Nursing III (4)

## Description

### Course Description
This course focuses on the provision of client-centered care to clients with neurological, sensory, and respiratory disorders. Available sources of informatics will be utilized in the care setting to organize and manage client care. Upon successful course completion, students will be able to apply knowledge and skills to safely care for a variety of clients with acute, chronic, and complex healthcare alterations.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR204 - Acute Care Nursing I
  **AND** NUR208 - Medical Surgical Nursing III
  **AND** NUR209 - Acute Care Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

90

Lab

0

Clinical/Externship

60

Simulation

4

# NUR219 Dosage Calculations (1)

## Description

### Course Description
This course prepares the student with a practical approach for preparing dosages and solutions, including calculating intravenous flow rates and pediatric dosages. Topics include: dimensional analysis, metric, household and apothecary systems of measurement, equivalents, abbreviations, conversions, oral meds, parenteral meds, intravenous rates, and pediatric dosage calculations. This is a calculations class, not a remedial or basic math course.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH131 - College Algebra

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

Clinical/Externship

0

# NUR221 Pathophysiology (3)

## Description

### Course Description
This course provides a foundation in pathophysiology for nursing students. Students will learn about major signs and symptoms of a variety of diseases across body systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- NUR168 - Concepts of Nursing III

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR233 Role Transition (4)

## Description

### Course Description
This course focuses on continued development of the role of the practical nurse in the client-centered care setting. Emphasis is placed on decision making skills. Students will understand supervision responsibilities, ethical-legal aspects of practical nursing, employment opportunities and responsibilities, as well as preparation for the NCLEX-PN. Coordinating care for groups of clients continues and builds upon experience and knowledge gained in previous courses, allowing the student to more fully integrate the role of the Licensed Practical Nurse.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All other courses in DPN program for Virginia or South Carolina**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 90 |
| Lab | 0 |
| Clinical/Externship | 60 |
| Simulation | 4 |

# NUR234 Mental Health Nursing (4)

## Description

### Course Description
This course introduces students to principles, theories and concepts used for providing and directing holistic care of individuals with mental health alterations. Students will learn the use of therapeutic communication to establish and maintain therapeutic relationships and with participating in the interdisciplinary team. Learning opportunities for this course include classroom and supervised clinical experiences.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR221 - Pathophysiology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 45 |
| Lab | 0 |
| Clinical/Externship | 36 |
| Simulation | 9 |

# NUR235 Acute Care Nursing I (4)

## Description

### Course Description

The focus of this course is to provide client-centered care to clients with acute, chronic and complex healthcare needs across the lifespan. The elements of evidence-based practice will be utilized to enhance the RN plan of care. Students are given the opportunity to gain cognitive, affective and psychomotor skills in the delivery of client care. Client selection will provide experience caring for individuals with cardiovascular, hematopoietic and integument disorders and burns. Nutritional needs for these clients will be identified and addressed. Available sources of informatics will be utilized in the care setting to organize and manage client care. Students will be introduced to intravenous therapy, phlebotomy, and electrocardiogram tracing in this course.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR206 - Medical Surgical Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

96

Lab

0

Clinical/Externship

44

Simulation

4

# NUR236 Acute Care Nursing II (4)

## Description

### Course Description

The focus of this course is to provide client-centered care to clients with acute, chronic and complex healthcare needs across the lifespan. The elements of evidence-based practice will be utilized to enhance the plan of care. Students are given the opportunity to gain cognitive, affective and psychomotor skills in the delivery of client care to patients with hypertensive, reproductive, endocrine, and immune disorders and musculoskeletal alterations . Many of the clients may be more critically ill than those previously encountered. Students will continue to be introduced to the skills of intravenous phlebotomy and electrocardiogram tracing. Nutritional needs for these clients will be identified and addressed. Available sources of informatics will be utilized in the care setting to organize and manage client care.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR206 - Medical Surgical Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

96

Lab

0

Clinical/Externship

44

Simulation

4

# NUR237 Acute Care Nursing III (4)

## Description

### Course Description

The focus of this course is to provide client-centered care to clients with acute, chronic and complex healthcare needs across the life span. The elements of evidence-based practice will be utilized to enhance the plan of care. Students are given the opportunity to gain cognitive, affective and psychomotor skills in the delivery of client care to clients with neurological, sensory, and respiratory disorders. Many of the clients may be more critically ill than those previously encountered. Students will continue to be introduced to the skills of intravenous therapy, phlebotomy and electrocardiogram tracing. Nurse-in-charge assignments will begin in this course and continue through the end of the program in NUR 238. Available sources of informatics will be utilized in the care setting to organize and manage client care.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**

- NUR207 - Medical Surgical Nursing III
  **AND** NUR235 - Acute Care Nursing I
  **AND** NUR236 - Acute Care Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 96 |
| Lab | 0 |
| Clinical/Externship | 60 |
| Simulation | 4 |

# NUR238 Role Transition (4)

## Description

### Course Description
This course further develops decision making skills acquired in previous courses. Emphasis is placed upon continued professional development. The student will participate in a mock interview and be required to develop a resume. Legal aspects of practical nursing, employment opportunities and responsibilities, as well as preparation for the NCLEX-PN are included. In clinical, instructors and students explore the role of the practical nurse in the context of a nursing care delivery care system. Coordinating care for groups of clients continues and builds upon experience and knowledge gained in previous courses.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All other courses in DPN program for North Carolina**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

96

Lab

0

Clinical/Externship

60

Simulation

4

# NUR240 LPN to RN Transition Orientation (0)

## Description

### Course Description
The focus of this course is to provide client-centered care to clients with acute, chronic and complex healthcare needs across the lifespan. The elements of evidence-based practice will be utilized to enhance the plan of care. Students are given the opportunity to gain cognitive, affective and psychomotor skills in the delivery of client care to patients with hypertensive, reproductive, endocrine, and immune disorders and musculoskeletal alterations . Many of the clients may be more critically ill than those previously encountered. Students will continue to be introduced to the skills of intravenous phlebotomy and electrocardiogram tracing. Nutritional needs for these clients will be identified and addressed. Available sources of informatics will be utilized in the care setting to organize and manage client care.

### Credit Hours

0

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Active LPN License**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# NUR242 Maternal Newborn Nursing (4)

## Description

### Course Description
This course introduces students to the principles, theories and concepts of caring for the childbearing individual and family in a multicultural society. Students use clinical decision making to explore best practices that can enhance the patient's plan of care. Available sources of informatics will be utilized in the care setting to organize and manage patient care. Students learn to apply teaching and learning concepts to the identified needs of the childbearing family with inclusion of cultural considerations. Learning opportunities for this course include classroom and supervised clinical experiences.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR256 - Medical Surgical Nursing I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

36

Simulation

9

# NUR243 Parent Child Nursing (4)

## Description

### Course Description
This course introduces the student to principles, theories and concepts of caring for children and their families in a multicultural society. Students will study the effects of acute and chronic illness on growth and development and family dynamics. A key focus of this course is on health promotion, maintenance, and restoration. Integrated throughout this course is an overview of the common standards of parent/child health goals. Elements of evidence based practice and available sources of informatics will be utilized in planning and implementing the interdisciplinary plan of care. Teaching and learning principles are discussed as they relate to patient- centered/ family-centered care. Learning opportunities for this course include classroom and supervised clinical experiences.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR256 - Medical Surgical Nursing I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

36

Simulation

9

# NUR256 Medical Surgical Nursing I (5)

## Description

### Course Description
This course introduces the student to setting priorities, communicating, planning and providing care for medical-surgical patients with multiple physiological and psychosocial needs in diverse health care settings. Students will learn health promotion, maintenance, and restoration. Opportunities to identify best practices from selected sources of current nursing evidence are provided. Students communicate with the interdisciplinary team to initiate plan of care and participate in quality improvement processes. Learning opportunities for this course include classroom and supervised clinical experiences.

### Credit Hours

5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR234 - Mental Health Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

72

Simulation

18

# NUR257 Medical Surgical Nursing II (5)

## Description

### Course Description
This course further expands upon the use of the nursing process in caring for adults, from early adulthood through geriatrics, with multiple physiological and psychosocial needs. Students will utilize clinical decision making and nursing evidence to prioritize, communicate, plan and manage care for medical-surgical patients in diverse health care settings. Core principles of health promotion, maintenance, and restoration will be incorporated to reflect an individualized plan of care. Students will coordinate with members of the interdisciplinary team and identify quality improvement processes that enhance patient outcomes. Learning opportunities for this course include classroom and supervised clinical experiences.

### Credit Hours

5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR242 - Maternal Newborn Nursing
  **AND** NUR243 - Parent Child Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

72

Simulation

18

# NUR258 Acute Care Nursing (5)

## Description

### Course Description
This course expands upon prior knowledge, nursing principles and health concepts to provide culturally sensitive patient-centered care for adults with multiple acute biopsychosocial needs. Clinical experiences increase in the level of complexity and acuity from previous nursing courses. Students explore human responses to emergencies, crisis and life changing events. Clinical decision making and the nursing process are implemented to manage and modify care for high-acuity patients and their families. Learning opportunities for this course include classroom and supervised clinical experiences.

### Credit Hours

5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR257 - Medical Surgical Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

72

Simulation

18

# NUR273 Dimensions of Professional Nursing (4)

## Description

### Course Description
This course expands upon prior knowledge gained from previous coursework to prepare students for NCLEX RN success and entry level nursing practice. Students have classroom and focused clinical experiences to increase their ability to prioritize, delegate and manage groups of individuals to enhance client outcomes. Emphasis is placed on scope of practice, professional practice, leadership and delegation, safety, and quality improvement. Current trends related to career and professional development are provided to assist the student in obtaining employment and establishing a successful career path.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR258 - Acute Care Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

0

Clinical/Externship

72

Simulation

18

# NUR274 Dimensions of Professional Nursing I (4)

## Description

### Course Description
This course expands upon prior knowledge gained from previous coursework to prepare students for NCLEX RN success and entry level nursing practice. Students have classroom and focused clinical experiences to increase their ability to prioritize, delegate and manage groups of individuals to enhance client outcomes. Emphasis is placed on scope of practice, professional practice, leadership and delegation, safety, and quality improvement. Current trends related to career and professional development are provided to assist the student in obtaining employment and establishing a successful career path. Preparation for the NCLEX-RN is included in this course.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR258 - Acute Care Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

45

# NUR280 Nursing Capstone (3)

## Description

### Course Description
This course prepares students for the NCLEX-RN through analysis of information taught during previous didactic, laboratory and clinical coursework through the use of lecture, simulation and computer laboratory exercises. This course will provide students with a systematic plan and structured study environment in preparation for the NCLEX-RN examination. Requirements for examination candidacy, application for licensure, testing procedures, study and review techniques, and examination taking techniques will be addressed.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR273 - Dimensions of Professional Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

30

# NUR281 Dimensions of Professional Nursing II (3)

## Description

### Course Description
This course expands upon prior knowledge gained from previous coursework to prepare students for NCLEX RN success and entry-level nursing practice. Students have classroom and focused clinical experiences to increase their ability to prioritize, delegate and manage groups of individuals to enhance client outcomes. Emphasis is placed on management of care, legal and ethical practices, the healthcare environment, and economic and political aspects of healthcare. Preparation for the NCLEX-RN is included in this course.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR274 - Dimensions of Professional Nursing I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 30 |
| Lab | 0 |
| Clinical/Externship | 45 |

# NUR282 Nursing Capstone (4)

## Description

### Course Description
This course prepares students for the NCLEX-RN through analysis of information taught during previous coursework through the use of lecture, clinical, and computer laboratory exercises. This course will provide students with a systematic plan and structured study environment in preparation for the NCLEX-RN examination. Requirements for examination candidacy, application for licensure, testing procedures, study and review techniques, and examination taking techniques will be addressed.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR273 - Dimensions of Professional Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Clinical/Externship

45

# NUR283 Nursing Capstone (3)

## Description

### Course Description
This course prepares students for the NCLEX-RN through analysis of information taught during previous didactic, laboratory and clinical coursework through the use of lecture, simulation and computer laboratory exercises. This course will provide students with a systematic plan and structured study environment in preparation for the NCLEX-RN examination. Requirements for examination candidacy, application for licensure, testing procedures, study and review techniques, and examination taking techniques will be addressed.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR273 - Dimensions of Professional Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

30

# NUR300 RN-BSN Orientation (1)

## Description

### Course Description
This one credit orientation course will provide the information and skills to new RN-BSN students in the areas of library, programmatic, writing, and APA skills needed to be successful in the program.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Active RN License**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lecture |
| 15 |

| |
|---|
| Lab |
| 0 |

| |
|---|
| Clinical/Externship |
| 0 |

# NUR302 Foundations of Professional Nursing Practice (3)

## Description

### Course Description
This course provides information on a variety of concepts related to professional development.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR300 - RN-BSN Orientation

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR303 Essentials of Nursing practice (3)

## Description

### Course Description
This course introduces students to principles, theories, and concepts that provide the foundation for nursing practice. Students are introduced to nursing theory, nursing history and trends, research, and evidence-based practice. Legal aspects of practice and ethical issues (such as client rights, privacy, and confidentiality) are discussed along with health teaching and counseling skills. Health promotion and individual responses to health and illness in a multicultural society are developed. The nursing process is introduced as it applies to promoting wellness and health maintenance.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO116 - Anatomy and Physiology with Terminology II
  **AND** BIO116L - Anatomy and Physiology with Terminology II Lab

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# NUR305 Concepts of Nursing I (2)

## Description

### Course Description
This course reinforces students to principles, theories and concepts that provide the foundation for nursing practice. Basic nursing skills necessary to deliver patient centered care in a multicultural society are developed. Skills related to infection control and activities of daily living are addressed. Learning opportunities are presented in the classroom and laboratory.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO116 - Anatomy and Physiology with Terminology II
  **AND** BIO116L - Anatomy and Physiology with Terminology II Lab

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# NUR307 Concepts of Nursing II (3)

## Description

### Course Description
This course further expands upon the principles, theories and fundamental nursing concepts introduced in previous nursing classes. Students have opportunities to develop more advanced nursing skills and the use of critical thinking and clinical judgment needed to address the biopsychosocial needs of individuals in a multicultural society. Learning opportunities are presented in the classroom, laboratory, simulation, and in supervised clinical experiences.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR305 - Concepts of Nursing I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

Clinical/Externship

36

Simulation

9

# NUR309 Concepts of Nursing III (3)

## Description

### Course Description
This course further expands upon the principles, theories and fundamental nursing concepts introduced in previous nursing classes. Students are provided additional opportunities to develop advanced nursing skills needed to address the biopsychosocial needs of individuals in a multicultural society. Skills related to elimination, oxygenation, fluid and electrolytes, and laboratory diagnostics will be addressed. Learning opportunities are presented in the classroom, laboratory, simulation, and in supervised clinical experiences.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR219 - Dosage Calculations
  **AND** NUR307 - Concepts of Nursing II
  **AND** NUR310 - Pharmacology
  **AND** NUR325 - Health Assessment Across the Lifespan

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

Clinical/Externship

36

Simulation

9

# NUR310 Pharmacology (3)

## Description

### Course Description
This course introduces and builds upon concepts necessary for sound judgment in the use of chemical agents. Students learn principles of safe and accurate medication administration. Nursing process guidelines are incorporated to assist in the attainment of knowledge and skills related to medication therapy. Included in discussions are concepts underlying the medical uses of medications including pharmacodynamics, pharmacokinetics, and pharmacotherapeutics.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR307 - Concepts of Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR311 Pathophysiology (4)

## Description

### Course Description
This course provides a basic understanding of pathophysiology as it pertains to human illness within a wellness-illness continuum. Critical thinking processes are emphasized as a basis of analysis of a client's presenting symptoms in reference to his/her state of health and/or illness.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

48

Lab

0

Clinical/Externship

0

# NUR312 Pharmacology (4)

## Description

### Course Description
The basic principles and categories of pharmacotheraputic agents are introduced, organized by major pharmacological classifications. Clients are viewed holistically, with an emphasis on the education of both the client and the family in their use of pharmacotheraputic agents. Pharmacological principles, therapeutic effects, interactions, and side effects are examined, with a focus on assessment and evaluation of client outcomes.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

48

Lab

0

Clinical/Externship

0

# NUR313 Essentials of Nursing Practice (5)

## Description

### Course Description
This course provides the theoretical foundation for the beginning practice of nursing, emphasizing the theory and practice of essential psychomotor nursing skills and utilizing the nursing process as a basis of decision-making. The course introduces the student to the nursing profession, including its evolution, philosophy and contribution to the health care team within a legal-ethical framework. Topical areas include critical thinking, application of the nursing process, documentation, delivery of culturally sensitive care, asepsis, safety, diagnostic testing, mobility, skin integrity, sensory alterations, elimination, oxygenation and fluid, electrolyte and acid-base balance.

### Credit Hours

5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

60

Lab

0

Clinical/Externship

0

# NUR315 Health Assessment Across the Lifespan (5)

## Description

### Course Description
Through a systems approach, the beginning level nursing student is introduced to theoretical and practical foundations to providing a holistic physical assessment for the child, adult and geriatric client. Information is presented within the continuum ranging from normal and expected findings to those that are abnormal and pathological. Students will have the opportunity to practice their assessment skills within a laboratory setting, applying therapeutic communication techniques.

### Credit Hours

5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

48

Lab

24

Clinical/Externship

0

# NUR316 Essentials of Nursing Practice Clinical (3)

## Description

### Course Description
This clinical course provides the student with practice and clinical application of nursing skill fundamentals. The emphasis is on skill attainment through mastery of beginning competency. Students must satisfactorily perform all assigned skills to successfully complete the course.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Clinical/Externship |
| 108 |

# NUR321 Pathophysiology (3)

## Description

### Course Description
This course further expands upon the principles, theories and fundamental nursing concepts introduced in previous nursing classes. Students are provided additional opportunities to develop advanced nursing skills needed to address the biopsychosocial needs of individuals in a multicultural society. Skills related to elimination, oxygenation, fluid and electrolytes, and laboratory diagnostics will be addressed. Learning opportunities are presented in the classroom, laboratory, simulation, and in supervised clinical experiences.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR302 - Foundations of Professional Nursing Practice

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR322 Nursing Care of the Adult Clinical (4)

## Description

### Course Description
The clinical course provides the student with diverse clinical experiences in the care of the medical-surgical client experiencing complex alterations in health status within a multi-cultural environment. Emphasis is placed on utilizing critical inquiry to assist in clinical decision-making.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR311 - Pathophysiology
  **AND** NUR312 - Pharmacology
  **AND** NUR313 - Essentials of Nursing Practice
  **AND** NUR315 - Health Assessment Across the Lifespan
  **AND** NUR316 - Essentials of Nursing Practice Clinical

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

144

# NUR325 Health Assessment Across the Lifespan (4)

## Description

### Course Description
This course provides a foundation in physical assessment. Students learn how to assess major signs and symptoms of a variety of diseases across body systems. Learning opportunities are presented in the classroom and laboratory.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR307 - Concepts of Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

30

# NUR326 Nursing Care of the Adult (6)

## Description

### Course Description
This course provides the theoretical foundation of medical-surgical nursing care to the adult population. The application of the nursing process is applied to diverse client scenarios experiencing complex alterations in health status within the context of current research findings and in the provision of holistic care to the client and their family.

### Credit Hours

6

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR311 - Pathophysiology
  **AND** NUR312 - Pharmacology
  **AND** NUR313 - Essentials of Nursing Practice
  **AND** NUR315 - Health Assessment Across the Lifespan
  **AND** NUR316 - Essentials of Nursing Practice Clinical

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

72

Lab

0

Clinical/Externship

0

# NUR328 Public Health Nursing (3)

## Description

### Course Description
This course provides the theoretical foundation for the study of public health nursing. The client is viewed as the individual, the family and the community within a social framework, with the goal of optimizing his or her functioning. Historical, socioeconomic, environmental, political, and cultural indicators of the health of a community are explored. The application of the nursing process is applied to diverse client scenarios with the emphasis on growth and development, health promotion and the provision of holistic care to the client and their family.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR311 - Pathophysiology
  **AND** NUR312 - Pharmacology
  **AND** NUR313 - Essentials of Nursing Practice
  **AND** NUR315 - Health Assessment Across the Lifespan
  **AND** NUR316 - Essentials of Nursing Practice Clinical

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

36

Lab

0

Clinical/Externship

0

# NUR329 Public Health Nursing Clinical (1)

## Description

### Course Description
This course provides a basic understanding of pathophysiology as it pertains to human illness within a wellness-illness continuum. Critical thinking processes are emphasized as a basis of analysis of a client's presenting symptoms in reference to his/her state of health and/or illness.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR311 - Pathophysiology
  **AND** NUR312 - Pharmacology
  **AND** NUR313 - Essentials of Nursing Practice
  **AND** NUR315 - Health Assessment Across the Lifespan
  **AND** NUR316 - Essentials of Nursing Practice Clinical

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

36

# NUR332 Topics in Professional Nursing (3)

## Description

### Course Description
The basic principles and categories of pharmacotheraputic agents are introduced, organized by major pharmacological classifications. Clients are viewed holistically, with an emphasis on the education of both the client and the family in their use of pharmacotheraputic agents. Pharmacological principles, therapeutic effects, interactions, and side effects are examined, with a focus on assessment and evaluation of client outcomes.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR311 - Pathophysiology
  **AND** NUR312 - Pharmacology
  **AND** NUR313 - Essentials of Nursing Practice
  **AND** NUR315 - Health Assessment Across the Lifespan
  **AND** NUR316 - Essentials of Nursing Practice Clinical

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

36

Lab

0

Clinical/Externship

0

# NUR333 Pharmacologic Applications (2)

## Description

### Course Description
This course focuses on the clinical application of pharmacology and builds upon previous learning in the curriculum. The emphasis is on drugs commonly used for the treatment of chronic and acute illnesses and the application of the principles of pharmacodynamics and pharmacokinetics. Case studies will be analyzed to explore therapeutic dosage patterns, adverse effects, drug interactions, precautions, contraindications, drug effect monitoring, therapeutic evaluation, patient teaching, and the use of drugs in special populations such as children and the elderly.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR311 - Pathophysiology
  **AND** NUR312 - Pharmacology
  **AND** NUR313 - Essentials of Nursing Practice
  **AND** NUR315 - Health Assessment Across the Lifespan
  **AND** NUR316 - Essentials of Nursing Practice Clinical

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

24

Lab

0

Clinical/Externship

0

# NUR340 Health Assessment (4)

## Description

### Course Description
This course provides a foundation in physical assessment skills for Registered Nurses. Students will learn how to assess major signs and symptoms of a variety of diseases across body systems.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR321 - Pathophysiology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

30

Clinical/Externship

0

# NUR347 Mental Health Nursing (4)

## Description

### Course Description
This course introduces students to principles, theories and concepts used for providing and directing holistic care of individuals with mental health alterations. Legal aspects in mental health nursing practice are discussed along with methods to minimize risks. Students practice the use of therapeutic communication to establish and maintain therapeutic relationships. Students also practice interdisciplinary team functions including health teaching and develop counseling skills. Learning opportunities are presented in the classroom, simulation, and in supervised clinical experiences.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR309 - Concepts of Nursing III

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Clinical/Externship

36

Simulation

9

# NUR350 Nursing Research and Evidence-Based Practice (3)

## Description

### Course Description
This course is a foundation in selecting, reading, and critiquing nursing research. Students will apply the role the BSN graduate plays in nursing research and understand the ethical principles of research.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR340 - Health Assessment

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR356 Medical Surgical Nursing I (5)

## Description

### Course Description
This course introduces the student to setting priorities, communicating, planning and providing care for medical-surgical patients with multiple physiological and psychosocial needs in diverse healthcare settings. Students learn health promotion, maintenance, and restoration. Students engage in health teaching and counseling when caring for medical-surgical clients. Opportunities to identify best practices from selected sources of current nursing evidence are provided. Students communicate with the interdisciplinary team to initiate plan of care and participate in quality improvement processes. Learning opportunities are presented in the classroom, simulation, and in supervised clinical experiences.

### Credit Hours

5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR221 - Pathophysiology
  **AND** NUR309 - Concepts of Nursing III
  **AND** NUR310 - Pharmacology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

72

Simulation

18

# NUR357 Medical Surgical Nursing II (5)

## Description

### Course Description
This course continues to develop student abilities in setting priorities, communicating, planning and providing care for medical-surgical patients with multiple physiological and psychosocial needs in diverse health care settings. Students continue implementing principles of health promotion, maintenance, and restoration. Students engage in health teaching and counseling when caring for medical-surgical clients. Opportunities to identify best practices from selected sources of current nursing evidence are provided. Students communicate with the interdisciplinary team to initiate plan of care and participate in quality improvement processes. Learning opportunities are presented in the classroom, simulation, and in supervised clinical experiences.

### Credit Hours

5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR356 - Medical Surgical Nursing I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

72

Simulation

18

# NUR359 Community Health Nursing (5)

## Description

### Course Description
This course provides the theoretical foundation for the study of community health nursing. The client is viewed as the individual, the family, and the community within a social framework, with the goal of optimizing functioning. Historical, socioeconomic, environmental, political, and cultural indicators of the health of a community are explored. Students discuss legal aspects of practice that govern the care of vulnerable populations. Students engage in health teaching and counseling skills needed in various community health settings. The application of the nursing process is applied to diverse client scenarios with an emphasis on growth and development, health promotion, and the provision of holistic care to the client and family. Learning opportunities are presented in the classroom, simulation, and in supervised clinical experiences.

### Credit Hours

5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR357 - Medical Surgical Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

60

Lab

0

Clinical/Externship

36

Simulation

9

# NUR400 Nursing Research (3)

## Description

### Course Description
This course covers the essential principles of nursing research theory and methodology. Analysis of research methods to appraise research literature for application to practice is discussed. Emphasis is on developing critical skills in locating and critiquing nursing research focusing on evidence-based practice outcomes.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH140 - Statistics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# NUR424 Maternal/Newborn Nursing (4)

## Description

### Course Description
This course introduces students to the principles, theories, and concepts of caring for the childbearing individual with family in a multicultural society. Students use clinical decision-making to explore best practices that can enhance the patient's plan of care. Available sources of informatics are utilized in the care setting to organize and manage patient care. Students learn to apply health teaching and counseling concepts to the identified needs of the childbearing family with inclusion of cultural considerations. Students engage in discussions related to legal aspects governing maternal/newborn nursing practice. Learning opportunities are presented in the classroom, simulation, and in supervised clinical experiences.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR357 - Medical Surgical Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

36

Simulation

9

# NUR426 Parent Child Nursing (4)

## Description

### Course Description
This course introduces the student to principles, theories and concepts of caring for children and their families in a multicultural society. Students study the effects of acute and chronic illness on growth and development and family dynamics. A key focus of this course is on health promotion, maintenance, and restoration. Integrated throughout this course is an overview of the common standards of parent/child health goals. Elements of evidence-based practice and available sources of informatics will be utilized in planning and implementing the interdisciplinary plan of care. Students participate in discussions related to laws governing pediatric nursing practice as well as the legal aspects of practice. Students engage in health teaching and counseling in various pediatric settings. Learning opportunities are presented in the classroom, simulation, and in supervised clinical experiences.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR357 - Medical Surgical Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

36

Simulation

9

# NUR430 Leading and Managing for Innovation (3)

## Description

### Course Description
This course provides contemporary leadership and management skills and theory to RN-BSN students. Students learn how to plan and implement change, manage conflict, use evidence-based decision-making, and maintain patient safety.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR350 - Nursing Research and Evidence-Based Practice

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR433 Nursing Care of Women and Children Clinical (3)

## Description

### Course Description
This clinical course provides the student with diverse clinical experiences in the care of the woman and child client experiencing complex alterations in health status within a multi-cultural environment. Emphasis is placed on utilizing critical inquiry to assist in clinical decision-making.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR322 - Nursing Care of the Adult Clinical
- NUR326 - Nursing Care of the Adult
- NUR328 - Public Health Nursing
- NUR329 - Public Health Nursing Clinical
- NUR332 - Topics in Professional Nursing
- NUR333 - Pharmacologic Applications

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

108

# NUR436 Mental Health Nursing Clinical (2)

## Description

### Course Description
This clinical course provides the student with diverse clinical experiences in the care of the mental health clients experiencing complex alterations in health status within a multi-cultural environment, with the goal being the improvement of health for its members. Emphasis is placed on utilizing critical inquiry to assist in clinical decision-making.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR322 - Nursing Care of the Adult Clinical
- NUR326 - Nursing Care of the Adult
- NUR328 - Public Health Nursing
- NUR329 - Public Health Nursing Clinical
- NUR332 - Topics in Professional Nursing
- NUR333 - Pharmacologic Applications

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

72

# NUR437 Nursing Research (3)

## Description

### Course Description
This course covers the essential principles of nursing research theory and methodology. Analysis of research methods to appraise research literature for application to practice is discussed. Emphasis is on developing critical skills in locating and critiquing nursing research focusing on evidence-based practice outcomes.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR322 - Nursing Care of the Adult Clinical
- NUR326 - Nursing Care of the Adult
- NUR328 - Public Health Nursing
- NUR329 - Public Health Nursing Clinical
- NUR332 - Topics in Professional Nursing
- NUR333 - Pharmacologic Applications

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

36

Lab

0

Clinical/Externship

0

# NUR438 Nursing Care of Women and Children (5)

## Description

### Course Description
This course provides the theoretical foundation for the nursing care of women, infants, and children. The application of the nursing process is applied to diverse client scenarios with the emphasis on growth and development, health promotion, and the provision of holistic care to the client and their family.

### Credit Hours

5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR322 - Nursing Care of the Adult Clinical
- NUR326 - Nursing Care of the Adult
- NUR328 - Public Health Nursing
- NUR329 - Public Health Nursing Clinical
- NUR332 - Topics in Professional Nursing
- NUR333 - Pharmacologic Applications

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

60

Lab

0

Clinical/Externship

0

# NUR439 Mental Health Nursing (4)

## Description

### Course Description
This course provides the theoretical foundation for the study of mental health nursing. The client is viewed as the individual, the family and the community within a social framework, with the goal of optimizing his or her functioning. Historical, socioeconomic, environmental, political, and cultural indicators of the health of a community are explored. The application of the nursing process is applied to diverse client scenarios with the emphasis on the provision of holistic care to the clients and their family.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR322 - Nursing Care of the Adult Clinical
- NUR326 - Nursing Care of the Adult
- NUR328 - Public Health Nursing
- NUR329 - Public Health Nursing Clinical
- NUR332 - Topics in Professional Nursing
- NUR333 - Pharmacologic Applications

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

48

Lab

0

Clinical/Externship

0

# NUR443 Community Health Nursing (4)

## Description

### Course Description
This four credit course will provide information on essential community health concepts and practices.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR430 - Leading and Managing for Innovation

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR444L - Community Health Lab

## Contact Hours

Lecture

60

Lab

0

Clinical/Externship

0

# NUR444L Community Health Lab (1)

## Description

### Course Description
This one credit course provides students with practical experiences in community health nursing. Thirty (30) hours of lab hours will be completed in a virtual, simulated environment using Shadow Health® Digital Clinical Experience Technology. Students will conduct a series of community assessments, develop an applicable community assessment plan, complete disaster training and develop and deliver an online educational video.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR430 - Leading and Managing for Innovation

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR443 - Community Health Nursing

## Contact Hours

| |
|---|
| Lab |
| 30 |

# NUR445 Professional Leadership (4)

## Description

### Course Description
This course links leadership and management theories to functions within nursing practice in a health care environment. The role of the nurse leader is examined within the framework of historical, economic, social, political, and cultural factors. An understanding of political and organizational structures, financial management, healthcare environments, and healthcare workforce management are emphasized.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR433 - Nursing Care of Women and Children Clinical
  **AND** NUR436 - Mental Health Nursing Clinical
  **AND** NUR437 - Nursing Research
  **AND** NUR438 - Nursing Care of Women and Children
  **AND** NUR439 - Mental Health Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 48 |

| Lab |
| --- |
| 0 |

| Clinical/Externship |
| --- |
| 0 |

# NUR446 Nursing Care of the Older Adult (4)

## Description

### Course Description
This course provides the theoretical foundation for the study of the issues related to nursing care of older adults, focusing on the health care of well older adults and those with chronic health problems. Health promotion and preventive care are examined, as well as the implications of chronic illness, palliative, and end-of-life care.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR433 - Nursing Care of Women and Children Clinical
  **AND** NUR436 - Mental Health Nursing Clinical
  **AND** NUR437 - Nursing Research
  **AND** NUR438 - Nursing Care of Women and Children
  **AND** NUR439 - Mental Health Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

48

Lab

0

Clinical/Externship

0

# NUR447 Nursing Care of the Older Adult Clinical (1)

## Description

### Course Description
This clinical course provides the student with diverse clinical experiences in the care of the gerontological client experiencing complex alterations in health status within a multi-cultural environment. Emphasis is placed on utilizing critical inquiry to assist in clinical decision-making.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR433 - Nursing Care of Women and Children Clinical
  **AND** NUR436 - Mental Health Nursing Clinical
  **AND** NUR437 - Nursing Research
  **AND** NUR438 - Nursing Care of Women and Children
  **AND** NUR439 - Mental Health Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 0 |

| Clinical/Externship |
| --- |
| 36 |

# NUR448 Transition to Practice (4)

## Description

### Course Description
This clinical capstone course uses a preceptor model of learning professional nursing practice, with the opportunity to integrate and synthesize previous learning experiences, applying therapeutic nursing interventions and beginning leadership skills into practice. Emphasis is placed on the transition of the student to the professional nursing role as an interdisciplinary team member and potential employee in a selected clinical setting.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR433 - Nursing Care of Women and Children Clinical
  **AND** NUR436 - Mental Health Nursing Clinical
  **AND** NUR437 - Nursing Research
  **AND** NUR438 - Nursing Care of Women and Children
  **AND** NUR439 - Mental Health Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lecture |
| 0 |

| |
|---|
| Lab |
| 0 |

| |
|---|
| Clinical/Externship |
| 144 |

# NUR449 Senior Seminar (4)

## Description

### Course Description
Selected topics are reviewed including NCLEX preparation skills, role transition and current trends and issues within the health care environment. As one of the Senior Seminar course requirements, students must pass a comprehensive computerized examination provided by ATI, containing questions similar to those found on the National Council Licensure Examination for Registered Nurses (“NCLEX-RN”).

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR433 - Nursing Care of Women and Children Clinical
  **AND** NUR436 - Mental Health Nursing Clinical
  **AND** NUR437 - Nursing Research
  **AND** NUR438 - Nursing Care of Women and Children
  **AND** NUR439 - Mental Health Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 48 |

| Lab |
| --- |
| 0 |

| Clinical/Externship |
| --- |
| 0 |

# NUR456 Senior Practicum (3)

## Description

### Course Description
This course provides RN-BSN students a 45-hour practicum experience implementing a self-designed learning contract in a clinical setting. Students design, implement and evaluate a clinical project that improves nursing practice under the supervision of an Advance Practice Nurse (APN).

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All other courses in RNBSN program except NUR490**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

0

Clinical/Externship

45

# NUR457 Nursing Care of the Older Adult (4)

## Description

### Course Description
This course provides the theoretical foundation for the study of issues related to nursing care of older adults, focusing on the healthcare of well older adults and those with chronic health problems. Health promotion and preventative care are examined, as well as the implications of chronic illness, palliative, and end-of-life care. Students participate in discussions related to laws governing gerontological nursing practice as well as discuss the legal aspects of practice. Students engage in health teaching and counseling in various geriatric settings. Learning opportunities are presented in the classroom, simulation, and in supervised clinical experiences.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR357 - Medical Surgical Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

36

Simulation

9

# NUR458 Acute Care Nursing (5)

## Description

### Course Description
This course expands upon prior knowledge, nursing principles and health concepts to provide culturally sensitive patient-centered care for adults with multiple acute biopsychosocial needs. Clinical experiences increase in the level of complexity and acuity from previous nursing courses. Students explore human responses to emergencies, bioterrorism, crisis and life changing events. Clinical decision making and the nursing process are implemented to manage and modify care for high-acuity patients and their families. The course reinforces legal aspects of practice along with health teaching and counseling skills that are needed when caring for patients in the acute care setting. Learning opportunities are presented in the classroom, simulation, and in supervised clinical experiences.

### Credit Hours

5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR357 - Medical Surgical Nursing II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

72

Simulation

18

# NUR460 Clinical Applications Lab (1)

## Description

### Course Description
This course provides the theoretical foundation for the study of the issues related to nursing care of older adults, focusing on the health care of well older adults and those with chronic health problems. Health promotion and preventive care are examined, as well as the implications of chronic illness, palliative, and end-of-life care.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR433 - Nursing Care of Women and Children Clinical
  **AND** NUR436 - Mental Health Nursing Clinical
  **AND** NUR437 - Nursing Research
  **AND** NUR438 - Nursing Care of Women and Children
  **AND** NUR439 - Mental Health Nursing

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lecture |
| 0 |

| |
|---|
| Lab |
| 24 |

| |
|---|
| Clinical/Externship |
| 0 |

# NUR470 Professional Leadership (3)

## Description

### Course Description
This clinical course provides the student with diverse clinical experiences in the care of the gerontological client experiencing complex alterations in health status within a multi-cultural environment. Emphasis is placed on utilizing critical inquiry to assist in clinical decision-making.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR458 - Acute Care Nursing

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR475 - Transition to Practice I

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR475 Transition to Practice I (3)

## Description

### Course Description
This course is part one of a two-part course that expands upon prior knowledge gained from previous coursework to prepare students for entry level nursing practice. Prioritization, delegation, and the ability to manage groups of individuals to enhance client outcomes is reinforced. Emphasis is placed on scope of practice, the culture of professional practice, communication, leadership and delegation, safety, legal aspects of practice, health teaching, counseling skills, and development of a strong sense of self-efficacy.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR458 - Acute Care Nursing

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR470 - Professional Leadership

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR476 Transition to Practice II (4)

## Description

### Course Description
This course is part two of a two-part course that synthesizes prior knowledge gained from previous coursework to prepare students for entry level nursing practice. Students have classroom and focused precepted clinical experiences to increase their ability to prioritize, delegate, and manage groups or individuals to enhance client outcomes. Emphasis is placed on the legal aspects of practice, health teaching, counseling skills, quality improvement, evidence-based practice, and identification and implementation of staff development opportunity. Current trends related to career and professional development are provided to assist the student in obtaining employment and establishing a successful career path.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR475 - Transition to Practice I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

0

Clinical/Externship

90

# NUR480 Senior Seminar (3)

## Description

### Course Description

This course prepares students for the NCLEX-RN throughanalysis of information taught during previous didactic,laboratory, simulation, and clinical coursework through theuse of lecture and computer laboratory exercises.Selected topics are reviewed, including those associatedwith nursing fundamentals, pharmacology, medical-surgicalnursing, mental health nursing, pediatrics, obstetrics, andleadership. This course provides students with asystematic plan and structured study environment inpreparation for the NCLEX-RN examination. Requirementsfor examination candidacy, application for licensure, testingprocedures, study and review techniques, and examinationtaking techniques are addressed.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR476 - Transition to Practice II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

30

# NUR490 Nursing Capstone (2)

## Description

### Course Description
In this course, students work collaboratively with faculty to develop a portfolio of evidence and reflect on the knowledge they have acquired in the BSN program. Assignments compiled over the course of the program will be organized and submitted as a comprehensive portfolio along with a career plan and statements of how the program objectives were met.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All other courses in RNBSN program**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

0

Clinical/Externship

0

# NUR503 Advanced Physical Assessment for Providers (3)

## Description

### Course Description
This course provides the background for graduate nursing students to perform advanced health assessment skills utilizing a diagnostic process based on clinical reasoning, differential diagnosis, evidence-based practice, and symptom analysis for advanced practice providers. Students will engage in clinical evaluation of common problems presented by case study method.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- NUR315 - Health Assessment Across the Lifespan
  **OR** NUR325 - Health Assessment Across the Lifespan
  **OR** NUR340 - Health Assessment

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

| Clinical/Externship |
| --- |
| 0 |

# NUR504 Role of the Advanced Practice Nurse (3)

## Description

### Course Description
This course delves into the advanced practice roles of nurses. It explores the historical evolution of advanced practice nursing using nursing theories and leadership models across diverse healthcare settings and systems. These components serve as the foundation for promoting self-care, resilience, self-mastery, professional integrity, professional growth, and ethical decision-making. Through this course, nurse practitioner students will gain a comprehensive understanding of their advanced practice roles, facilitating their transition from being registered nurses to advanced practice nurses.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Apprenticeship

0

Clinical/Externship

0

# NUR511 Theoretical Foundations: A Multidisciplinary Approach (3)

## Description

### Course Description
This course provides the knowledge and skills to perform a critical analysis of theories and acquire knowledge and skills necessary to utilize multidisciplinary models in advanced nursing practice. Students will explore systems theories, adult learning theories, theories associated with culture and diversity, bioethics, and the ecological model of social determinants of health.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR520 Advanced Pathophysiology (3)

## Description

### Course Description
This course provides the background for graduate students to discuss the complex nature of disease and abnormal physiological processes. Students will gain advanced understanding in diseases processes and analyze the underlying cause of various disorders. Topics in this course will include signs and symptomatology, underlying causes, risk factors, progression of disease and approaches to care.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR511 - Theoretical Foundations: A Multidisciplinary Approach

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR531 Topics in Population Health (3)

## Description

### Course Description
This course provides an understanding and application of basic epidemiological principles and methods to issues related to the health of populations. Topics include surveillance, environmental science, and population health analysis and program planning as well as global health issues, health disparities, illness prevention and health promotion and health behavior modification.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR541 Policy, Politics, and Advocacy in Healthcare (3)

## Description

### Course Description
This course focuses on the exploration of social change theories and the role of technology, as well as frameworks for community and political engagement, advocacy, and empowerment. Emphasis will be placed on the roles of key stakeholders who influence health care policy to include government, consumers, providers, and payers. Students will examine general micro & macro issues, regulatory processes and quality control and policy making at various levels of government.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR561 Nursing Research and Evidence-based Practice (3)

## Description

### Course Description
This course provides the background for students to refine their skills and build their knowledge related to reading research, critiquing research, the research process and essential concepts related to nursing science development. Throughout the course, students will evaluate the quality and applicability of relevant research and discuss topics pertinent to nursing scholarship, ethics and clinical outcomes.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR581 Healthcare Technologies (3)

## Description

### Course Description
This course provides a focus on the use of technology in the healthcare environment and nursing education programs. Topics discussed in this course include computer science, computer and information science, an introduction to regulatory standards for electronic data and monitoring systems, legal and ethical applications for nursing informatics, administrative information systems, telehealth, consumer information and education, simulation, emerging technologies and the future of nursing informatics.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR601 Advanced Physical Assessment (3)

## Description

### Course Description
This course provides the background for graduate students to perform advanced health assessment skills utilizing a diagnostic process based on clinical reasoning, differential diagnosis, evidence-based practice, and symptom analysis for non-nurse practitioners. Students will engage in clinical evaluation of common problems presented by case study method.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- NUR315 - Health Assessment Across the Lifespan
  **OR** NUR325 - Health Assessment Across the Lifespan
  **OR** NUR340 - Health Assessment

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR520 - Advanced Pathophysiology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# NUR602 Advanced Pharmacology (3)

## Description

### Course Description
This course will focus on advanced concepts in pharmacology in direct care roles in nursing education. Students will review basic principles of pharmacology with emphasis on safe administration, the major drug classes, patient education, and student/staff education.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**
- NUR601 - Advanced Physical Assessment

**OR**

Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR606 Advanced Pharmacology for Prescribers (3)

## Description

### Course Description
This course will focus on advanced concepts of pharmacodynamics, pharmacokinetics, and pharmacotherapeutics in the direct care role of the advanced practice registered nurse (APRN) in prescribing. Students will examine pharmacologic principles across the lifespan and in various clinical practice settings with an emphasis on clinical reasoning, safe practices, and professional collaboration.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR520 - Advanced Pathophysiology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR610 Advanced Procedures and Diagnostic Reasoning (1)

## Description

### Course Description
This course will focus on advanced procedures and diagnostic reasoning commonly performed by nurse practitioners. Students will practice differential diagnosis as well as perform selected patient procedures.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR503 - Advanced Physical Assessment for Providers

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

30

Clinical/Externship

0

# NUR615 Primary Care: Adults and Older Adults (3)

## Description

### Course Description
This course will focus on introducing students to the primary care of adults and older adults. Students will examine human development, health promotion, and acute and chronic disease management.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR610 - Advanced Procedures and Diagnostic Reasoning

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR615L - Primary Care: Adults/Older Adults Practicum I

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR615L Primary Care: Adults/Older Adults Practicum I (1)

## Description

### Course Description
This course will focus on the first practicum experience of family nurse practitioner students in the primary care setting with adults and older adults. Students will complete 60 hours of practicum experience with an approved preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR610 - Advanced Procedures and Diagnostic Reasoning

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR615 - Primary Care: Adults and Older Adults

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 60 |

# NUR617L Primary Care: Adult/Older Adult Practicum II (1)

## Description

### Course Description
This course will focus on the second practicum experience of family nurse practitioner students in the primary care setting with adults and older adults. Students will complete 70 hours of practicum experience with an approved preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR615 - Primary Care: Adults and Older Adults
- NUR615L - Primary Care: Adults/Older Adults Practicum I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

70

# NUR620L Primary Care: Care of the Family Practicum (1)

## Description

### Course Description
This practicum course will focus on the care of families and continued development and mastery of evidence-based advanced practice skills in a primary care setting across the lifespan. Students will complete 60 hours of practicum experience with an approved preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR615 - Primary Care: Adults and Older Adults

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR625 - Primary Care: Children/Adolescents

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 60 |

# NUR625 Primary Care: Children/Adolescents (3)

## Description

### Course Description
This course will focus on primary care diagnosis and management of patients from birth through adolescence. Students will examine growth and development, health maintenance, management of acute and chronic illnesses, and the influence of family, culture, and social dynamics on health care.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR615 - Primary Care: Adults and Older Adults

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR620L - Primary Care: Care of the Family Practicum

## Contact Hours

| | |
|---|---|
| Lecture | 45 |
| Lab | 0 |
| Clinical/Externship | 0 |

# NUR625L Primary Care: Children and Adolescents Practicum I (1)

## Description

### Course Description
This course will focus on the first practicum experience of family nurse practitioner students in primary care diagnosis and management of patients from birth through adolescence. Students will complete 60 hours of practicum experience with an approved preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR625 - Primary Care: Children/Adolescents

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

60

# NUR626L Primary Care: Children and Adolescents Practicum II (1)

## Description

### Course Description
This course will focus on the second practicum experience for family nurse practitioner students in primary care diagnosis and management of patients from birth through adolescence. Students will complete 60 hours of practicum experience with an approved preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR625L - Primary Care: Children and Adolescents Practicum I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

60

# NUR627L Primary Care: Children/Adolescents Practicum I (1)

## Description

### Course Description
This course will focus on the first practicum experience of family nurse practitioner students in primary care diagnosis and management of patients from birth through adolescence. Students will complete 70 hours of practicum experience with an approved preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR625 - Primary Care: Children/Adolescents

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

70

# NUR628L Primary Care: Children/Adolescents Practicum II (1)

## Description

### Course Description
This course will focus on the second practicum experience for family nurse practitioner students in primary care diagnosis and management of patients from birth through adolescence. Students will complete 70 hours of practicum experience with an approved preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR627L - Primary Care: Children/Adolescents Practicum I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

70

# NUR635 Primary Care: Women and Families (3)

## Description

### Course Description
This course will focus on primary care of the woman and her family in the contexts of fertility control, childbearing, and parenting. Students will examine the physical, psychological, and social variations in health behaviors, illness prevention, and personal safety.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR625 - Primary Care: Children/Adolescents

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR635L - Primary Care: Women and Families Practicum I

## Contact Hours

| | |
|---|---|
| Lecture | 45 |
| Lab | 0 |
| Clinical/Externship | 0 |

# NUR635L Primary Care: Women and Families Practicum I (1)

## Description

### Course Description
This course will focus on the first practicum experience of family nurse practitioner students in primary care of the woman and her family in the contexts of fertility control, childbearing, and parenting. Students will complete 60 hours of practicum experience with an approved preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR625 - Primary Care: Children/Adolescents

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR635 - Primary Care: Women and Families

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 60 |

# NUR636L Primary Care: Women and Families Practicum II (1)

## Description

### Course Description
This course will focus on the second practicum experience of family nurse practitioner students in primary care of the woman and her family in the contexts of fertility control, childbearing, and parenting. Students will complete 60 hours of practicum experience with an approved preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR635L - Primary Care: Women and Families Practicum I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

60

# NUR650 Curriculum Planning and Development (2)

## Description

### Course Description
This course provides the graduate student's background on curriculum and program design. Students will learn how to plan a nursing program and appreciate the art of curriculum development. Topics will include theories and concepts related to curriculum design and process, creation of functional objectives, problem identification, and resources allocation.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR602 - Advanced Pharmacology

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR652L - Nursing Education Practicum I

## Contact Hours

| |
|---|
| Lecture |
| 30 |

| |
|---|
| Lab |
| 0 |

| |
|---|
| Clinical/Externship |
| 0 |

# NUR652L Nursing Education Practicum I (1)

## Description

### Course Description
This clinical practice experience provides nurse educator students an opportunity to integrate and apply new knowledge from advanced courses to the direct care of a selected population in acute care, long-term care, home health, community-based settings, and educational settings.Students will assess the impact of social, cultural, economic, and ethical factors on the client's outcomes while refining professional competencies. Clinical experiences will be documented in a reflective journal including analysis and evaluation of the advanced nursing direct-care role. At the end of this course, students will be able to perform in the role of an advanced practice nurse and demonstrate attainment of the program outcomes.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR602 - Advanced Pharmacology

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR650 - Curriculum Planning and Development

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# NUR654 Certification Preparation Review Course (2)

## Description

### Course Description

This course serves as a review of the Family Nurse Practitioner curriculum across the life-span, seeking to solidify the student's knowledge base in preparation for success on either the AANP or ANCC Family Nurse Practitioner (FNP) Certification Exam, which is required for entry into practice. Students will cover topics and skills that will provide an assessment of entry-level professional competence. This course has been placed into the curriculum after the didactic completion of all practice areas and prior to the Nursing Synthesis courses that are practicums geared towards independent practice. These final courses in the curriculum allow the creation of both didactic and practicum experiences that give the student the opportunity to demonstrate mastery of the FNP curriculum and assess readiness for independent practice.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**

Prerequisite

**Complete ALL of the following Courses:**

- NUR635 - Primary Care: Women and Families
- NUR635L - Primary Care: Women and Families Practicum I

**Corequisite**

**Type**

Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 30 |

# NUR655 Role Development and Clinical Leadership (2)

## Description

### Course Description
This course will focus on the study of the many roles of the advanced practice registered nurse (APRN). Students will examine the advance practice nurse as a leader and collaborator, analyze business practices, and quality initiatives.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR635 - Primary Care: Women and Families

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

0

Clinical/Externship

0

# NUR660 Teaching and Learning Strategies (3)

## Description

### Course Description
The course will provide an in depth study of teaching and learning strategies and effective instructional methods. In this course, students examine the instructional process from a theoretical and practical perspective. Topics will focus on effective use of learning theories and technologies, the learning environment, and instructional strategies. Distance education modalities are included.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR650 - Curriculum Planning and Development

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR660L - Nursing Education Practicum II

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUR660L Nursing Education Practicum II (1)

## Description

### Course Description
This practicum course will provide opportunities to apply the knowledge, skills and attitudes learned in the classroom to the education setting. Students will work with a masters prepared preceptor that is a faculty member in a registered nursing program or a masters prepared clinical educator to experience the role of the nurse educator related to teaching and learning strategies. Students' experiences will be documented in a reflective journal. Practicum hours will be tracked and documented each term.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR650 - Curriculum Planning and Development
  **AND** NUR652L - Nursing Education Practicum I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR660 - Teaching and Learning Strategies

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# NUR670 Assessing and Evaluating Nursing Education (2)

## Description

### Course Description
This course will provide an in depth study on assessment strategies and evaluation processes that are relevant to nursing programs and the practice setting. Strategies to assess learning and evaluate program outcomes will be explored.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR660 - Teaching and Learning Strategies
  **AND** NUR660L - Nursing Education Practicum II

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR670L - Nursing Education Practicum III

## Contact Hours

| |
|---|
| Lecture |
| 30 |

| |
|---|
| Lab |
| 0 |

| |
|---|
| Clinical/Externship |
| 0 |

# NUR670L Nursing Education Practicum III (1)

## Description

### Course Description
This practicum course will provide continued application of knowledge, skills and attitudes applied to the nursing education setting. Students will work with a masters prepared preceptor that is a faculty member in a registered nursing program or a masters prepared clinical educator to experience the role of the nurse educator related to assessment and evaluation. Student's experiences will be documented in a reflective journal. Practicum hours will be tracked and documented each term.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR660 - Teaching and Learning Strategies
  **AND** NUR660L - Nursing Education Practicum II

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- NUR670 - Assessing and Evaluating Nursing Education

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

45

# NUR675L Primary Care Synthesis Practicum (1)

## Description

### Course Description
This practicum course will focus on competent performance in the family nurse practitioner role by synthesizing coursework and advanced practice skills to develop as an independent practitioner. Students will complete 60 hours of practicum experience with an approved preceptor. Students will begin to care for a more complex patient population with the support of their preceptor.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR636L - Primary Care: Women and Families Practicum II
  **AND** NUR655 - Role Development and Clinical Leadership

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 60 |

# NUR676L Primary Care Synthesis Practicum (3)

## Description

### Course Description
This practicum course will focus on competent performance in the family nurse practitioner role by synthesizing coursework and advanced practice skills to develop as an independent practitioner. Students will complete 135 hours of practicum experience with an approved preceptor. Students will begin to care for a more complex patient population with the support of their preceptor.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUR636L - Primary Care: Women and Families Practicum II
- NUR655 - Role Development and Clinical Leadership

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

135

# NUR695 Nursing Synthesis (2)

## Description

### Course Description
This course will provide students the opportunity to synthesize concepts learned across the curriculum and present the graduate synthesis project and the graduate portfolio.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All other courses in MSN-NE program AND Completed Graduate Project**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

0

Clinical/Externship

0

# NUR696L Nursing Synthesis-NP (2)

## Description

### Course Description
This course will focus on synthesizing the knowledge and skills acquired in the nurse practitioner concentration by demonstrating mastery of the program outcomes and clinical competencies. Students will complete 60 hours of practicum, a graduate project with a standardized patient experience, and submit the graduate portfolio. Students will perform in the role of the nurse practitioner with a full patient schedule and the support of their preceptor.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All other courses in MSN-FNP program**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

0

Clinical/Externship

60

# NUR697L Nursing Synthesis FNP (4)

## Description

### Course Description
This course will focus on synthesizing the knowledge and skills acquired in the nurse practitioner concentration by demonstrating mastery of the program outcomes and clinical competencies. Students will complete 135 hours of practicum, a graduate project with a standardized patient experience, and submit the graduate portfolio. Students will perform in the role of the nurse practitioner with a full patient schedule and the support of their preceptor.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All other courses in MSN-FNP program**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

15

Clinical/Externship

135

# NUT110 Introduction to Dietary Management (3)

## Description

### Course Description
This course will introduce students to the major concepts, organizational structure, and applications of nutrition therapy prominently featured in specialized food service operations. Students will learn to identify methods of effective dietary management by combining principles of medical nutrition therapy through culinary application for the purpose of treating disease and improving wellness.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CAA260 - Culinary Nutrition

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# NUT210 Menu Development for Culinary Nutrition (3)

## Description

### Course Description
This course applies principles of menu development for students entering the field of culinary nutrition. Students will learn to navigate an array of nutrition focused foodservice systems with attention to regulatory agencies and standards.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUT110 - Introduction to Dietary Management

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# NUT220 Applied Concepts in Culinary Nutrition (2)

## Description

### Course Description
This course will outline techniques for large production cookery within the HACCP guidelines. Students will learn to apply a range of production styles from Cook-Chill to Batch-Cookery and document according the regulatory requirements.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- NUT210 - Menu Development for Culinary Nutrition

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# NUT230 Customer Service Management in Culinary Nutrition (3)

## Description

### Course Description
This course provides a foundation for interaction with a variety of audiences and facilities in order to develop front of house etiquette and familiarity with efforts to improve quality and satisfaction. Students will learn the importance of data collection and techniques for managing employees in addition to customers.

## Credit Hours

3

## Simple Requirements

**Prerequisite**

### Type
Prerequisite

**Complete ALL of the following Courses:**
- NUT110 - Introduction to Dietary Management

**Corequisite**

### Type
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# NUT240 Dietary Management Capstone (2)

## Description

### Course Description
This course will review techniques for dietary management and culinary nutrition while outlining current industry trends and applications. Students will review and elaborate on a combination of core program competencies related to customer service management, menu development, and dietary management.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**

- NUT230 - Customer Service Management in Culinary Nutrition

**OR**

Prerequisite

**Dean's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 30 |

| Lab |
| --- |
| 0 |

# OPM227 Operations Management (3)

## Description

### Course Description
This course addresses advanced concepts, principles, and techniques of operations management. Students will relate these Operations Management concepts to businesses and examine the value of this information in the workplace and how management implements this information to achieve continuous improvement. Emphasis will be placed on how the operational process applies these methods to the products and service industries in both private and public sectors. This course presents the nature and methods for managing industrial and manufacturing organizations from an operational perspective.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# OPM307 Logistics and Supply Chain Management (3)

## Description

### Course Description
This course focuses on the supply chain management processes used by various types of organizations, with emphasis on how logistics supports supply chain management. Topics will include forecasting, planning, supply chain design and control, sourcing and procurement, and inventory and distribution, with an emphasis on lean operations and quality control. Both manufacturing and service industries will be examined.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- OPM227 - Operations Management

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# OPM403 Operations, Logistics, and Supply Chain Management Capstone (3)

## Description

### Course Description
This course provides students with the opportunity to apply operational concepts and methodologies in a highly interactive simulated environment. Students will focus on key areas of supply chain strategies, logistics, and operations management, including such topics as positioning, fulfillment, capacity, forecasting, transportation, and data analytics for both goods and service-based industries and firms. Quality control and improvement as well as project management methods are also covered.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# PHY120 Physics (3)

## Description

### Course Description
This course surveys the major concepts and principles of physics and emphasizes their role in explaining natural phenomena. Students will learn about mechanics, waves and sound, electricity and magnetism, optics and optical phenomena, and the structure and properties of matter.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH131 - College Algebra

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- PHY120L - Physics Lab

## Contact Hours

Lecture

45

Lab

0

# PHY120L Physics Lab (1)

## Description

### Course Description
This course includes the demonstration of physical principles as well as laboratory experimentation with an emphasis on interpretation of experimental data. Students will learn the proficient handling of equipment and numbers in the scientific laboratory.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- MTH131 - College Algebra

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- PHY120 - Physics

## Contact Hours

Lecture

0

Lab

30

# PMT472 Applied Project Management (3)

## Description

### Course Description
This course develops and expands the student's knowledge of project management methodology and processes. Students will learn project management procedures along with tools used to plan, manage, organize, monitor, and control a project. Students will learn how to select projects, manage effective teams, overcome conflict, close projects, and use negotiation skills.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- PMT472L - Applied Project Management Lab

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 0 |

# PMT472L Applied Project Management Lab (1)

## Description

### Course Description
This lab course gives students the opportunity to apply project management concepts and theories to a real life project. Students will learn how to use different tools, including Microsoft Project, to move through the life cycle of the project. Students will also practice for the Certified Associate Project Manager (CAPM) exam.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BUS121 - Introduction to Business

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- PMT472 - Applied Project Management

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 30 |

# PSY105 Introduction to Psychology (3)

## Description

### Course Description
This course provides an introduction to the scientific study of behavior and mental processes. Students will examine major areas of psychology, including cognition, emotion, development, personality, social behavior, and psychological disorders, while exploring the research methods psychologists use to study human thought and action. The course emphasizes the connection between psychological concepts and real-life experiences, helping students better understand themselves, others, and the ways psychological principles apply across careers and everyday life.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# PSY225 Industrial/Organizational Psychology (3)

## Description

### Course Description
This course introduces students to the field of industrial/organizational (I/O) psychology and its application in today's workplace. Students explore psychological principles behind hiring, training, performance management, motivation, leadership, teamwork, and organizational change. Emphasis is placed on applying theory to practice through real-world scenarios and collaborative problem-solving. Students will also use generative AI tools to analyze workplace challenges and design evidence-based solutions, developing skills in critical thinking, ethical decision-making, and organizational analysis.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PSY105 - Introduction to Psychology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# PSY106 Normal Life Span (1)

## Description

### Course Description
This course provides an in-depth examination of human growth and development from conception through death, integrating psychological principles with physical, cognitive, and social changes that occur at each stage of life. Students explore major developmental theories and examine how biological, environmental, and social influences shape health, behavior, and overall well-being across the lifespan.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

32

Lab

0

# PSY108 Normal Life Span (1)

## Description

### Course Description
This course provides an in-depth examination of human growth and development from conception through death, integrating psychological principles with physical, cognitive, and social changes that occur at each stage of life. Students explore major developmental theories and examine how biological, environmental, and social influences shape health, behavior, and overall well-being across the lifespan.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 30 |

# PSY109 Introduction to Psychology (1.5)

## Description

### Course Description
This course provides an introduction to the scientific study of behavior and mental processes. Students will examine major areas of psychology, including cognition, emotion, development, personality, social behavior, and psychological disorders, while exploring the research methods psychologists use to study human thought and action. The course emphasizes the connection between psychological concepts and real-life experiences, helping students better understand themselves, others, and the ways psychological principles apply across careers and everyday life.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# PSY111 Introduction to Psychology (1.5)

## Description

### Course Description
This course provides an introduction to the scientific study of behavior and mental processes. Students will examine major areas of psychology, including cognition, emotion, development, personality, social behavior, and psychological disorders, while exploring the research methods psychologists use to study human thought and action. The course emphasizes the connection between psychological concepts and real-life experiences, helping students better understand themselves, others, and the ways psychological principles apply across careers and everyday life.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Additional Comments:**
none

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 48 |

# PSY220 Positive Psychology (3)

## Description

### Course Description
This course provides students the opportunity to explore and experience positive applications with regard to human behavior and mental processes. In the past, traditional research in psychology has focused on disorders and dysfunctional behavior. In today's society, individuals must understand how to focus on positive endeavors in order to have the opportunity to live a balanced, meaningful, fulfilling, and successful life. This course focuses on such positive experiences as how to increase emotional intelligence, resiliency, optimism, pro-social behavior, positive emotions, meaning in life/work, self-efficacy and overall well-being while optimizing performance and decreasing stressors, burnout and susceptibility to physical or mental illness.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# PSY300 Human Growth and Development (3)

## Description

### Course Description
The focus of this course is for the student to understand and respond to the needs and concerns of persons from various cultures and throughout the lifespan while establishing an appreciation for theories and research that advance human development science.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**

- **OR** PSY106 - Normal Life Span
  **OR** PSY108 - Normal Life Span
  **OR** PSY109 - Introduction to Psychology
  **OR** PSY111 - Introduction to Psychology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# PTA101 Professional Issues for the Physical Therapist Ass (2)

## Description

### Course Description
This course presents the global aspects of the physical therapist assistant profession. It explores the historical and current scope of the Physical Therapy Profession, legal and ethical issues, intercultural communication, and psychosocial aspects. It discusses the role of the physical therapist assistant as a member of the health care team in the delivery of rehabilitation services. The course addresses the educational and licensing requirements for a physical therapist assistant prior to entering the health care work force.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO116 - Anatomy and Physiology with Terminology II
  **AND** BIO116L - Anatomy and Physiology with Terminology II Lab

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

0

Clinical/Externship

0

# PTA105 Musculoskeletal (3)

## Description

### Course Description
This course is designed to present students with a detailed knowledge of the anatomy of the muscular and skeletal systems. Students are exposed to muscle proximal/ distal attachments, actions and nerve innervations of the major muscle groups of the neck, trunk, upper and lower extremities. Students will be provided an opportunity to practice the palpation skills that are relevant to the practice of physical therapy.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO116 - Anatomy and Physiology with Terminology II
  **AND** BIO116L - Anatomy and Physiology with Terminology II Lab

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 30 |
| Lab | 30 |
| Clinical/Externship | 0 |

# PTA108 Pathology for the Physical Therapist Assistant (2)

## Description

### Course Description
This course provides a systems-based approach to anatomy and physiology including normal structure and function as well as dysfunction of the neuromuscular, cardiopulmonary, integumentary, endocrine, immunological and other systems. Students will learn how to associate and apply normal structure and function to frequently treated disease processes, pathologies and dysfunctions seen in physical therapy.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO116 - Anatomy and Physiology with Terminology II
  **AND** BIO116L - Anatomy and Physiology with Terminology II Lab

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lecture |
| 30 |

| |
|---|
| Lab |
| 0 |

| |
|---|
| Clinical/Externship |
| 0 |

# PTA111 Introduction to Physical Therapy (2)

## Description

### Course Description
This course introduces the physical therapist assistant student to the various aspects of physical therapy and develops basic patient care skills, functional skills, assessment skills, and measurement techniques. It also examines the assistive devices available to the physical therapy professional. The course introduces the process of documentation following the SOAP note format.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PTA101 - Professional Issues for the Physical Therapist Ass
  **AND** PTA105 - Musculoskeletal

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

Clinical/Externship

0

# PTA120 Kinesiology for the Physical Therapist Assistant (3)

## Description

### Course Description
The course focuses on the correlation of the neurological, muscular, and skeletal aspects in human motion. It provides a straightforward perspective of human anatomy and its relation to both functional and dysfunctional movements. This course presents an overview of the value of physical therapy in the rehabilitation process of a person with a neuro-musculoskeletal dysfunction.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PTA105 - Musculoskeletal

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lecture |
| 30 |

| |
|---|
| Lab |
| 30 |

# PTA135 Rehabilitation I: Assessment (2)

## Description

### Course Description
This course introduces the principles and methodologies of assessment techniques utilized by the physical therapist assistant in the physical therapy profession. These principles and methodologies are a fundamental requisite to the study of evaluation of joint range of motion and muscle strength.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PTA120 - Kinesiology for the Physical Therapist Assistant

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# PTA136 Rehabilitation II: Therapeutic Modalities (3)

## Description

### Course Description
This course presents the basic principles and use of therapeutic modalities in the rehabilitation process. The course involves the application of the composite theoretical knowledge in modifying, progressing, or discontinuing the use of therapeutic modalities in the physical therapy plan of care.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PTA105 - Musculoskeletal

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

30

# PTA139 Rehabilitation III: Therapeutic Exercise (3)

## Description

### Course Description
This course presents the basic principles and techniques of therapeutic exercise in the rehabilitation process. The course involves the application of the composite theoretical knowledge in modifying, progressing, or discontinuing the use of therapeutic exercise in the physical therapy plan of care.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PTA120 - Kinesiology for the Physical Therapist Assistant

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

30

# PTA145 Medical and Surgical Conditions I (2)

## Description

### Course Description
This course addresses the common medical and surgical conditions encountered in physical therapy practice. It explores the basic concepts of disease processes including pathophysiology, inflammation, healing and infection. This course focuses on the physical therapy intervention and specifically the role of a PTA in the rehabilitation process of musculoskeletal conditions. It explores the basic concepts of pharmacology and effects of immobility, stress and pain. This course also includes the classic or common physical therapy plan of care/protocols and establishes the justification for progression, modification or discontinuation of physical therapy intervention.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PTA120 - Kinesiology for the Physical Therapist Assistant

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# PTA146 Medical and Surgical Conditions II (2)

## Description

### Course Description
This course addresses the common medical and surgical conditions encountered in physical therapy practice. It explores the basic concepts of diseases processes including pathophysiology, inflammation, healing and infection. This course focuses on the physical therapy intervention and specifically the role of a PTA in the rehabilitation process of cardiopulmonary conditions. This course also includes the classic or common physical therapy plan of care/protocols and establishes the justification for progression, modification or discontinuation of physical therapy intervention.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- BIO116 - Anatomy and Physiology with Terminology II
  **AND** BIO116L - Anatomy and Physiology with Terminology II Lab

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# PTA206 Neurological Rehabilitation (3)

## Description

### Course Description
This course provides an integrated approach to basic neuroscience and applied neurorehabilitation. It presents practical applications for the functional implications of neurological damage. The course addresses the value and distinctness of physical therapy for the developing, mature, and aging neurological patient.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PTA256 - Clinical Education Experience II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

30

# PTA208 Rehabilitation IV: Devices (2)

## Description

### Course Description
This course will present the basic adaptive, protective, supportive, orthotic and prosthetic devices used in the physical therapy profession. The course involves the application of the composite theoretical knowledge in modifying, progressing, or discontinuing the use of such treatment or devices in the physical therapy plan of care.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PTA256 - Clinical Education Experience II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# PTA210 Motor Development and Aging (2)

## Description

### Course Description
This course presents the biopsychosocial aspects of the human lifespan from conception through death. It studies the biological changes that occur from birth to dying. It addresses the psychosocial influences, changes, and adaptations of the human being during his/her lifespan.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PTA256 - Clinical Education Experience II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

30

# PTA255 Clinical Education Experience I (4)

## Description

### Course Description
This full-time clinical education experience introduces the student to a physical therapy clinical setting for the first time. Prior to the first day of clinical attendance, the student will complete a series of lab activities and foundational skill checkoffs to ensure competency and safety. During the clinical experience, the student works under the direct supervision of a licensed physical therapist or physical therapist assistant in an approved facility. The facility provides learning experiences consistent with the student's level of knowledge. The clinical education experience allows opportunities to implement the knowledge and skills acquired in the classroom/laboratory setting.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**All 100 Level Courses for AASPTA program**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lab

30

Clinical/Externship

135

# PTA256 Clinical Education Experience II (4)

## Description

### Course Description
This full-time clinical education experience provides the student with a clinical working environment under the direct supervision of a licensed physical therapist or physical therapist assistant in an approved facility. The facility provides learning experiences consistent with the student's level of knowledge. This clinical education experience allows opportunities to continue refining the knowledge and skills acquired in the classroom and laboratory settings and utilize them in a clinical setting. The students will continue to develop their critical thinking skills in providing care to their patients. Students will require less supervision for previously learned skills. Upon completion of the experience, students will participate in intermediate critical thinking skills competencies within the lab environment.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PTA255 - Clinical Education Experience I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lab

30

Clinical/Externship

135

# PTA257 Clinical Education Experience III (4)

## Description

### Course Description
The focus of this full-time clinical experience is validation of the level of independence gained in patient care, documentation, and professionalism as a physical therapist assistant student. The student will work towards independence in all aspects of the scope of physical therapy practice. Laboratory skills prior to attendance in the clinical environment includes advanced patient-centered performance, which incorporate legal, ethical, fiscal, and organizational aspects of care. This clinical experience allows the student to establish a comfort level and confidence with the facility, supervising therapist and patients. At the completion of this course, the student will be able to follow the progression from initial evaluation through discharge with a multitude of different rehabilitation opportunities.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Completion of 12 terms in AASPTA program**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lab

30

Clinical/Externship

135

# PTA258 Clinical Education Experience IV (4)

## Description

### Course Description

Course DescriptionThe focus of this full-time terminal clinical experience is validation of the level of independence gained in patient care, documentation, communication and professionalism as a physical therapist assistant student. The student will work towards independence in all aspects of the scope of physical therapy practice and will achieve entry-level clinical competency upon completion in preparation for the National Physical Therapist Assistant board examination. This clinical education experience allows the student to refine professional interactions and have a basic understanding of departmental administrative mechanisms and expectations. At the completion of the clinical education experience within the clinical setting, the student will return to laboratory activities to demonstrate competent safe care of patients throughout the continuum of care.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PTA257 - Clinical Education Experience III

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lab

30

Clinical/Externship

135

# PTA275 Physical Therapist Assistant Preparatory (3)

## Description

### Course Description
This course prepares students for the National Physical Therapy Exam for the Physical Therapist Assistant through analysis of information taught during their didactic, laboratory and clinical coursework as well as facilitating proper study, review and examination taking techniques. Valuable career and professional development strategies are also discussed.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- PTA258 - Clinical Education Experience IV

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# RAD100 Fundamentals of Radiologic Sciences and Healthcare (1)

## Description

### Course Description
This course will provide an overview of the foundations in radiography and the practitioner's role in the health care delivery system. Students will have a more comprehensive understanding of medical terminology, abbreviations, and symbols and will learn principles, practices and policies of the health care organization as well as the professional responsibilities of the radiographer.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 15 |
| Lab | 0 |
| Clinical/Externship | 0 |

# RAD105 Patient Care and Ethics in Radiologic Sciences (2)

## Description

### Course Description
This course will present basic patient care and medical terminology related to the Radiography profession. Students will learn: ethics and moral behavior; legal and professional responsibilities; patient consent; patient education, safety, and comfort; prevention and control of infection; patient monitoring; communication and assessment; proper body mechanics for patient transfer; universal precautions and isolation procedures; medical emergency and monitoring equipment; contrast media administration; contraindications, complications, imaging orders, requests, and reports; and Radiographer's response.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD100 - Fundamentals of Radiologic Sciences and Healthcare

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD110 - Introduction to Radiographic Positioning and Technique

## Contact Hours

| | |
|---|---|
| Lecture | 15 |
| Lab | 30 |
| Clinical/Externship | 0 |

# RAD110 Introduction to Radiographic Positioning and Technique (1)

## Description

### Course Description
This course will introduce basic terminology related to radiographic positioning and technique.Students will learn placement of a patient’s body parts to obtain a radiographic image. Basic concepts of x-ray technique formation, x-ray equipment handling and an introduction to DR/CR systems will be practiced. Basic positioning for a routine chest procedure will be introduced.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD100 - Fundamentals of Radiologic Sciences and Healthcare

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD105 - Patient Care and Ethics in Radiologic Sciences

## Contact Hours

| Lecture |
| --- |
| 15 |

| Lab |
| --- |
| 5 |

# RAD115 Radiographic Procedures 1 (2)

## Description

### Course Description
General procedural considerations involved with positioning patients for x-ray examinations and certain specific imaging procedures are presented in this course. Considerations include patient preparation, equipment capabilities, patient terminology, patient instruction and immobilization, technique and positioning variations, such as for trauma or pediatric patients and adaptations for patient's body habitus. The specific imaging procedures presented, (including the positioning, technical factors, anatomy, physiology, and basic pathology) are as follows: chest and abdomen, hand and wrist, forearm and elbow, humerus, shoulder and scapula, clavicle and A.C. joints, toes and foot, os calcis and ankle, tibia and fibula, knee and patella, femur and pelvis.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD110 - Introduction to Radiographic Positioning and Technique

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD120 - Introduction to Radiography Clinical Practice

## Contact Hours

| Lecture |
| --- |
| 15 |

| Lab |
| --- |
| 30 |

# RAD120 Introduction to Radiography Clinical Practice (1)

## Description

### Course Description
This is the introductory course preceding the twelve clinical education courses where students will be scheduled at clinical sites. Students will learn basic hospital and radiology department protocols, including privacy and confidentiality, and regulatory standards. Basic radiation protection standards will be introduced for preparation of the principles to be applied in clinical education courses.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

15

Lab

0

# RAD125 Radiographic Procedures 2 (2)

## Description

### Course Description
This course will cover positioning for x-ray examinations in specific imaging procedures. Students will learn patient preparation, equipment capabilities, patient terminology, patient instruction, technique and positioning variations, for adaptations of patient's condition and body habitus.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD110 - Introduction to Radiographic Positioning and Technique

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD132 - Radiography Clinical Education 1

## Contact Hours

Lecture

15

Lab

30

# RAD132 Radiography Clinical Education 1 (1.5)

## Description

### Course Description
This course is designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiographic procedures. This course requires students to begin performing the mandatory and elective clinical competency exams required by the American Registry of Radiologic Technologist (ARRT). Students will learn how to employ radiographic procedures and patient care skills in the clinical setting. Students will comply with the overall clinical objectives applicable this term.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD120 - Introduction to Radiography Clinical Practice

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD125 - Radiographic Procedures 2

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

80

# RAD135 Radiographic Procedures 3 (2)

## Description

### Course Description
This course will cover positioning for x-ray examinations in specific imaging procedures.Students will learn patient preparation, equipment capabilities, patient terminology, patient instruction, technique and positioning variations, for adaptations of patient's condition and body habitus.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD125 - Radiographic Procedures 2

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD142 - Radiography Clinical Education 2

## Contact Hours

Lecture

30

Lab

0

# RAD142 Radiography Clinical Education 2 (1.5)

## Description

### Course Description
This course is designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiographic procedures. This course requires students to begin performing the mandatory and elective clinical competency exams required by the American Registry of Radiologic Technologist (ARRT). Students will learn how to employ radiographic procedures and patient care skills in the clinical setting. Students will comply with the overall clinical objectives applicable this term.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD132 - Radiography Clinical Education 1

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD135 - Radiographic Procedures 3

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

80

# RAD147 Radiographic Imaging I (2)

## Description

### Course Description
This course will cover the primary and secondary technical exposure factors that govern the acquisition and production of a radiographic image. An emphasis is placed on image quality factors, and the components of digital imaging systems. Students will learn the principles of technique selection and usage of imaging accessories that are used to produce quality diagnostic images. The basis of image evaluation and steps needed for improvement of suboptimal images are included in the course.Topics will also include receptor exposure, contrast, resolution, and distortion.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD110 - Introduction to Radiographic Positioning and Technique

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD152 - Radiography Clinical Education 3

## Contact Hours

| | |
|---|---|
| Lecture | 30 |
| Lab | 0 |
| Clinical/Externship | 0 |

# RAD152 Radiography Clinical Education 3 (1.5)

## Description

### Course Description
This course is designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiographic procedures. This course requires students to begin performing the mandatory and elective clinical competency exams required by the American Registry of Radiologic Technologist (ARRT). Students will learn how to employ radiographic procedures and patient care skills in the clinical setting. Students will comply with the overall clinical objectives applicable this term.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD142 - Radiography Clinical Education 2

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD147 - Radiographic Imaging I

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 80 |

# RAD156 Radiation Production, Characteristics and Imagin Equipment (3)

## Description

### Course Description
This course will cover the basics of radiography related physics and imaging equipment.Students will learn physics concepts, principles of radiation production, equipment operation, and atomic interactions.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD147 - Radiographic Imaging I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD162 - Radiography Clinical Education 4

## Contact Hours

Lecture

45

Lab

0

# RAD162 Radiography Clinical Education 4 (1.5)

## Description

### Course Description
This course is designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiographic procedures. This course requires students to begin performing the mandatory and elective clinical competency exams required by the American Registry of Radiologic Technologist (ARRT). Students will learn how to employ radiographic procedures and patient care skills in the clinical setting. Students will comply with the overall clinical objectives applicable this term.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD152 - Radiography Clinical Education 3

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD156 - Radiation Production, Characteristics and Imagin Equipment

## Contact Hours

Clinical/Externship

80

# RAD165 Radiological Pharmacology and Drug Administration (1)

## Description

### Course Description
This course will provide basic concepts of pharmacology, venipuncture, and administration of diagnostic contrast agents and intravenous medications. Students will learn basic concepts of pharmacology, contrast media, and review of venipuncture techniques.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD105 - Patient Care and Ethics in Radiologic Sciences

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD172 - Radiography Clinical Education 5

## Contact Hours

Lecture

15

Lab

0

# RAD172 Radiography Clinical Education 5 (1.5)

## Description

### Course Description
This course is designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiographic procedures. This course requires students to begin performing the mandatory and elective clinical competency exams required by the American Registry of Radiologic Technologist (ARRT). Students will learn how to employ radiographic procedures and patient care skills in the clinical setting. Students will comply with the overall clinical objectives applicable this term.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD162 - Radiography Clinical Education 4

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD165 - Radiological Pharmacology and Drug Administration

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

80

# RAD177 Radiographic Imaging 2 (1)

## Description

### Course Description
This course will provide a basis for analyzing radiographic images for optimal standards, with an emphasis on factors that affect radiographic image quality. Included are the importance of optimal imaging standards, discussion of problem-solving techniques for image evaluation, pre-processing, and factors that can affect image quality. Students will evaluate and analyze images in DR/CR. Fluoroscopic equipment, image acquisition, Quality Assurance (QA), and Quality Control (QC) will be presented.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD147 - Radiographic Imaging I

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD182 - Radiography Clinical Education 6

## Contact Hours

Lecture

15

Lab

0

# RAD182 Radiography Clinical Education 6 (1.5)

## Description

### Course Description
This course is designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiographic procedures. This course requires students to begin performing the mandatory and elective clinical competency exams required by the American Registry of Radiologic Technologist (ARRT). Students will learn how to employ radiographic procedures and patient care skills in the clinical setting. Students will comply with the overall clinical objectives applicable this term.

### Credit Hours

1.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD172 - Radiography Clinical Education 5

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD177 - Radiographic Imaging 2

## Contact Hours

| | |
|---|---|
| Lecture | 0 |
| Lab | 0 |
| Clinical/Externship | 80 |

# RAD202 Radiography Clinical Education 7 (2.5)

## Description

### Course Description
This course is designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiographic procedures. This course requires students to begin performing the mandatory and elective clinical competency exams required by the American Registry of Radiologic Technologist (ARRT). Students will learn how to employ radiographic procedures and patient care skills in the clinical setting. Students will comply with the overall clinical objectives applicable this term.

### Credit Hours

2.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD182 - Radiography Clinical Education 6

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD205 - Radiographer Research and Review

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

120

# RAD205 Radiographer Research and Review (1)

## Description

### Course Description
This course will prepare students to research a radiography related topic and assess their knowledge of American Registry of Radiologic Technologists® (ARRT) related content. Students will learn proper research techniques and effective written communication. Students will self-evaluate their overall radiology knowledge. Students will have the skill sets to improve exam preparation.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD177 - Radiographic Imaging 2

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD202 - Radiography Clinical Education 7

## Contact Hours

Lecture

15

Lab

0

Clinical/Externship

0

# RAD212 Radiography Clinical Education 8 (2.5)

## Description

### Course Description
This course is designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiographic procedures. This course requires students to begin performing the mandatory and elective clinical competency exams required by the American Registry of Radiologic Technologist (ARRT). Students will learn how to employ radiographic procedures and patient care skills in the clinical setting. Students will comply with the overall clinical objectives applicable this term.

### Credit Hours

2.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD202 - Radiography Clinical Education 7

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD217 - Radiographic Imaging 3

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

120

# RAD217 Radiographic Imaging 3 (1)

## Description

### Course Description
This course will further explore radiographic computer applications and equipment, continuing a comprehensive understanding of the components, principles, and operation of digital imaging systems found in diagnostic radiology. Students will learn networking, basic computer principals, factors that impact image acquisition, display, archiving and retrieval to include a study of the design and function of Digital Radiography (DR), digital imaging workstations, post-processing, and Picture Archiving and Communications Systems (PACS). The elements of a quality improvement program, and various aspects of preventative and corrective maintenance related to quality assurance of the components of the radiographic imaging system will also be covered.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD177 - Radiographic Imaging 2

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD212 - Radiography Clinical Education 8

## Contact Hours

Lecture

15

Lab

0

# RAD222 Radiography Clinical Education 9 (2.5)

## Description

### Course Description
This course is designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiographic procedures. This course requires students to begin performing the mandatory and elective clinical competency exams required by the American Registry of Radiologic Technologist (ARRT). Students will learn how to employ radiographic procedures and patient care skills in the clinical setting. Students will comply with the overall clinical objectives applicable this term.

### Credit Hours

2.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD212 - Radiography Clinical Education 8

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD225 - Radiographic Pathology

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

120

# RAD225 Radiographic Pathology (2)

## Description

### Course Description
This course emphasizes the major radiographic manifestations of medical and surgical diseases.Students will learn to identify signs and symptoms in a patient and pathologies on radiographs.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD135 - Radiographic Procedures 3

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD222 - Radiography Clinical Education 9

## Contact Hours

Lecture

30

Lab

0

# RAD232 Radiography Clinical Education 10 (2.5)

## Description

### Course Description
This course is designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiographic procedures. This course requires students to begin performing the mandatory and elective clinical competency exams required by the American Registry of Radiologic Technologist (ARRT). Students will learn how to employ radiographic procedures and patient care skills in the clinical setting. Students will comply with the overall clinical objectives applicable this term.

### Credit Hours

2.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD222 - Radiography Clinical Education 9

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD235 - Radiation Biology and Protection

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

120

# RAD235 Radiation Biology and Protection (2)

## Description

### Course Description
This course will introduce patient and personnel protection, as well as radiation exposure and monitoring. Students will learn the biologic effects of radiation, minimizing exposure, regulatory agencies, and general guidelines. Units of measurement, dosages, and dosimeters will be discussed.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD225 - Radiographic Pathology

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD232 - Radiography Clinical Education 10

## Contact Hours

Lecture

30

Lab

0

# RAD242 Radiography Clinical Education 11 (2.5)

## Description

### Course Description
This course is designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiographic procedures. This course requires students to begin performing the mandatory and elective clinical competency exams required by the American Registry of Radiologic Technologist (ARRT). Students will learn how to employ radiographic procedures and patient care skills in the clinical setting. Students will comply with the overall clinical objectives applicable this term.

### Credit Hours

2.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD232 - Radiography Clinical Education 10

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD245 - Radiologic Advanced Imaging Modalities

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

120

# RAD245 Radiologic Advanced Imaging Modalities (2)

## Description

### Course Description
This course offers a brief overview of advanced imaging modalities.Students will learn equipment, dose differences, types of radiation, patient preparations, indications and contraindications.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD217 - Radiographic Imaging 3

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD242 - Radiography Clinical Education 11

## Contact Hours

| Lecture |
| --- |
| 30 |

| Lab |
| --- |
| 0 |

# RAD252 Radiography Clinical Education 12 (2.5)

## Description

### Course Description
This course is designed for sequential development, application, critical analysis, integration, synthesis and evaluation of concepts and theories in the performance of radiographic procedures. This course requires students to begin performing the mandatory and elective clinical competency exams required by the American Registry of Radiologic Technologist (ARRT). Students will learn how to employ radiographic procedures and patient care skills in the clinical setting. Students will comply with the overall clinical objectives applicable this term.

### Credit Hours

2.5

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD242 - Radiography Clinical Education 11

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD255 - Radiography A.R.R.T. Exam Preparation

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

120

# RAD255 Radiography A.R.R.T. Exam Preparation (2)

## Description

### Course Description
This course prepares students for the national certification examination in radiography, which is given by the American Registry of Radiologic Technologists® (ARRT), to graduates of a Joint Review Committee on Education in Radiologic Technology and/or regionally accredited programs in Radiography. Students will master content for the four categories specific to the national certification exam and will learn their overall knowledge in radiology.

### Credit Hours

2

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD245 - Radiologic Advanced Imaging Modalities

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- RAD252 - Radiography Clinical Education 12

## Contact Hours

| |
|---|
| Lecture |
| 30 |

| |
|---|
| Lab |
| 0 |

| |
|---|
| Clinical/Externship |
| 0 |

# RAD300 Radiology/Healthcare Administration (3)

## Description

### Course Description
This course offers a view of the complex relationships between healthcare payers, institutions, and customers within the state, nation, and foreign countries from economic and financial perspectives.Students will learn the principles of healthcare administration, to include the radiology department, within the continuum of care.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# RAD310 Radiology Administration Law and Ethics (3)

## Description

### Course Description
This course offers an overview of ethical issues that face the radiology administrator in today's ever-changing world of healthcare.Students will learn areas of broad ethical concern, as well as means of relating to others in the healthcare field, community members, families, and patients.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD300 - Radiology/Healthcare Administration

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# RAD330 Sectional Anatomy (4)

## Description

### Course Description
This course offers a way for radiographers to recognize and identify anatomical structures in cross sectional images such as those seen in CT and MRI.Students will learn anatomical structures in relationship to other regions of interest.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

60

Lab

0

Clinical/Externship

0

# RAD360 Specialized Imaging Modalities (3)

## Description

### Course Description
This course offers in-depth presentations of Computed Tomography (CT) or Magnetic Resonance Imaging (MRI) from the American Society of Radiologic Technology's (ASRT) learning modules. Students will learn concepts, anatomy, equipment, clinical applications, and the role of the technologist with other team members.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD330 - Sectional Anatomy

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# RAD370 Advanced Patient Assessments (3)

## Description

### Course Description
This course provides advanced patient care skills for the experienced radiologic technologist. Students will learn concepts of patient education, assessment, communication, preprocedural and postprocedural care, and proper charting and documentation. Technologists' responsibilities and intervention in cases of critical patient care will also be covered. A unit on pharmacology will focus on drugs and their applications in medical imaging.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD360 - Specialized Imaging Modalities

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# RAD380 Pathophysiology (4)

## Description

### Course Description
This course focuses on the characteristics and manifestations of diseases caused by alterations or injury to the structure and function of the body. Students will learn common disease conditions and image correlation with the underlying pathology.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD370 - Advanced Patient Assessments

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# RAD400 The Effective Radiology Supervisor (3)

## Description

### Course Description
This course will focus on what an effective radiology supervisor/manager needs to be successful in the radiology department.Students will learn leadership and team building, quality management, patient information management and other topics vital to the supervisory role.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD380 - Pathophysiology

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

Clinical/Externship

0

# RAD420 Healthcare Delivery Systems (3)

## Description

### Course Description
This course will focus on the structure, operations, and outcomes associated with the United States' healthcare system and radiology's role within that system.Students will learn how to assess a healthcare entity's payer mix and expenditures in relation to the cost of services; identify key benchmarks in the development of the healthcare system; locate and read sources of research and monitoring of the healthcare system; and, evaluate the impact of existing legislation on the healthcare system.health care system, understand policy formation and implementation, and access sources of research and monitoring in healthcare delivery.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD400 - The Effective Radiology Supervisor

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 45 |
| Lab | 0 |
| Clinical/Externship | 0 |

# RAD480 Professional Capstone (3)

## Description

### Course Description
This course allows students to work collaboratively with faculty to develop a portfolio of evidence and reflect on the knowledge they have acquired in the BSRS program.The student will learn how to assemble and organize assignments compiled over the course of the program to create a comprehensive portfolio along with a career plan and statements of how the program objectives were met.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- RAD400 - The Effective Radiology Supervisor

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| | |
|---|---|
| Lecture | 45 |
| Lab | 0 |
| Apprenticeship | 0 |
| Clinical/Externship | 0 |

# SDC100 Introduction to Programming (3)

## Description

### Course Description
This course introduces students to the foundational concepts of programming using the C++ language. Students explore essential topics such as syntax, primitive data types, variables, constants, expressions, and console input/output. Emphasis is placed on writing simple programs and developing an understanding of control structures, loops, and basic debugging techniques. Designed for students beginning their software development journey, this course also promotes critical thinking, algorithmic reasoning, and secure coding practices that prepare learners for AI-augmented development.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# SDC100L Introduction to Programming LAB (1)

## Description

### Course Description

This lab course supports and reinforces the concepts introduced in SDC100 through guided, hands-on programming projects using C++. Students will apply core skills such as control flow, data handling, loops, and conditionals to build interactive, text-based applications. Emphasis is placed on designing, writing, and debugging complete programs from start to finish. Through structured project work, students gain practical experience in applying foundational programming techniques and begin developing the critical thinking and problem-solving skills essential for future software development and AI-augmented coding courses.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**

- SDC100 - Introduction to Programming

## Contact Hours

| |
|---|
| Lab |
| 30 |

# SDC200 Introduction to Databases (3)

## Description

### Course Description
This course will provide students with a fundamental overview of relational databases. Students will learn the values, concepts, principles, skills and techniques of modern database management systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC100 - Introduction to Programming

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC205 Python for Data Analytics (3)

## Description

### Course Description
This course will provide students with the knowledge and skills needed to use Python scripting for creating scripts and programs necessary for automating operating and network system commands to efficiently perform common configuration tasks. Students will be aware of and able to use Python libraries that allow access to data for useful analysis.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC100 - Introduction to Programming

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC205L - Python for Data Analytics LAB

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC205L Python for Data Analytics LAB (1)

## Description

### Course Description
This course will provide students with the knowledge and skills needed to use Python scripting for creating scripts and programs necessary for automating operating and network system commands to efficiently perform common configuration and security tasks. Students will be aware of and able to use Python libraries that allow access to data for useful analysis.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC100 - Introduction to Programming

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC205 - Python for Data Analytics

## Contact Hours

| Lab |
| --- |
| 30 |

# SDC220 Object-Oriented Programming Using C# (3)

## Description

### Course Description
This course will provide students with an introduction to C# programming and object-oriented programming paradigm and application development. Students will learn fundamental programming concepts including classes and objects, control structures, loops, and arrays. Advanced topics include exception handling. Lab exercises range from the creation and use of C# classes to writing completely independent programs.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- SDC255 - Introduction to Agile and Scrum Methodologies

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC220L Object-oriented Programming Using C# LAB (1)

## Description

### Course Description
This course will provide students with practice and skill building exercise in C# programming to reinforce the use of the object-oriented programming paradigm in application development. Students will practice fundamental programming concepts including classes and objects, control structures, arrays, exception handling, and data connectivity by producing working application components that will be used as part of a larger application.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC255 - Introduction to Agile and Scrum Methodologies

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC220 - Object-Oriented Programming Using C#

## Contact Hours

| Lab |
| --- |
| 30 |

# SDC230 Object-oriented Programming Using Java (3)

## Description

### Course Description
This course introduces students to object-oriented programming (OOP) principles using the Java programming language. Students will design and develop modular, class-based applications that demonstrate core OOP concepts, including encapsulation, inheritance, and polymorphism. By the end of the course, students will be able to build maintainable Java applications, explain object-oriented design decisions, and use AI tools responsibly to support the debugging process.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- SDC255 - Introduction to Agile and Scrum Methodologies

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC230L Object-oriented Programming Using Java LAB (1)

## Description

### Course Description
This lab emphasizes project-driven application of object-oriented principles. Students design and implement modular Java applications that demonstrate encapsulation, inheritance, and polymorphism. Each project requires unit testing and iterative debugging, utilizing AI tools as support for troubleshooting. By the end of the lab, students will have completed Java projects that showcase maintainable, object-oriented design.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC255 - Introduction to Agile and Scrum Methodologies

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC230 - Object-oriented Programming Using Java

## Contact Hours

| Lab |
| --- |
| 30 |

# SDC250 Structured Query Language (3)

## Description

### Course Description
This course introduces students to the design, implementation, and management of relational database systems as essential tools in modern software development. Students will learn to model structured data, design efficient and scalable schemas, and write SQL queries for data manipulation and retrieval. Topics include entity-relationship modeling, schema design, and the use of normalization techniques to ensure data integrity.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC200 - Introduction to Databases

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC250L Structured Query Language LAB (1)

## Description

### Course Description
This course introduces the SQL language and solidifies data retrieval processes that can be used for decision making purposes. Students will learn about selects, grouping data, summarizing data, use of functions, subqueries, and joins.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC200 - Introduction to Databases

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC250 - Structured Query Language

## Contact Hours

| Lab |
| --- |
| 30 |

# SDC255 Introduction to Agile and Scrum Methodologies (3)

## Description

### Course Description
This course will provide students with the knowledge and skills needed to build software using the SCRUM methodology. Students will learn to work through projects delivering viable software products incrementally.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC100 - Introduction to Programming
- SDC100L - Introduction to Programming LAB

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC260 Web Development I - HTML, CSS, JS (3)

## Description

### Course Description
This course introduces students to foundational web development using Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), and JavaScript. Students will create structured, responsive web pages; apply styling and layout techniques; incorporate basic interactivity; and use industry-relevant tools and workflows to develop and publish web-based projects.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC100 - Introduction to Programming

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC310 Server-side Scripting with PHP (3)

## Description

### Course Description
This course introduces students to hypertext preprocessor (PHP) used to develop web applications residing on a MySQL database backend. Students will explore a popular server-side language to process data using customer forms, data files and relational databases. Data validation and state management are taught.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC250 - Structured Query Language
- SDC260 - Web Interface Design

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC310L Server-side Scripting with PHP LAB (1)

## Description

### Course Description
This course introduces students to hypertext preprocessor (PHP) used to develop web applications residing on a MySQL database backend. Students will explore a popular server-side language to process data using customer forms, data files and relational databases. Data validation and state management are taught.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC250 - Structured Query Language
- SDC260 - Web Interface Design

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC310 - Server-side Scripting with PHP

## Contact Hours

| Lab |
| --- |
| 30 |

# SDC320 Advanced Object-oriented Programming Using C# (3)

## Description

### Course Description
This course will provide students with the knowledge and skills required to use Advanced Object Oriented Programming concepts using the C# platform. Students will learn Exception Handling, Inheritance, Polymorphism, File Access, and database connectivity. GUI's and event-driven programming are emphasized.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC220 - Object-Oriented Programming Using C#

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC320L Advanced Object-oriented Programming Using C# (1)

## Description

### Course Description
This course will provide students with practice in using Advanced Object-Oriented Programming concepts using the C# programming language. Students will use advanced object-oriented programming concepts such as inheritance, polymorphism, the use of interfaces, abstraction, file access, and database connectivity to produce working application components that will be used as part of a larger application.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC220 - Object-Oriented Programming Using C#

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC320 - Advanced Object-oriented Programming Using C#

## Contact Hours

| Lab |
| --- |
| 30 |

# SDC330 Advanced Object-oriented Programming Using Java (3)

## Description

### Course Description
This course will provide students with knowledge and skills required to use advanced Java features with an emphasis on the object-oriented paradigm and application development. Students will learn how to choose between inheritance and composition, how to use polymorphism, how to interface with a sequential file and a database, and the basics of recursion and concurrency.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC230 - Object-oriented Programming Using Java

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC330L Advanced Object-oriented Programming Using Java LAB (1)

## Description

### Course Description
This course will provide students with practice in using Advanced Object-Oriented Programming concepts using the Java programming language. Students use advanced object-oriented programming concepts such as inheritance, polymorphism, the use of interfaces, abstraction, file access, and database connectivity to produce working application components that will be used as part of a larger application.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC230 - Object-oriented Programming Using Java

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC330 - Advanced Object-oriented Programming Using Java

## Contact Hours

| |
|---|
| Lab |
| 30 |

# SDC340 Mobile App Development (3)

## Description

### Course Description
This course covers the design and development of mobile applications. Students will learn about contemporary mobile platforms, design patterns for mobile applications, programming environments and frameworks, and user interface design and implementation.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ANY of the following Courses:**
- SDC220 - Object-Oriented Programming Using C#
- SDC230 - Object-oriented Programming Using Java
- SDC310 - Server-side Scripting with PHP

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC342 Advanced Server Side Scripting w/PHP II (3)

## Description

### Course Description
This course introduces students to hypertext preprocessor (PHP) used to develop web applications residing on a MySQL database back end. Students will explore a popular server-side language to process data using customer forms, data files and relational databases. Data validation and state management are taught.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC310 - Server-side Scripting with PHP

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC342L Advanced Server Side Scripting w/PHP II LAB (1)

## Description

### Course Description
Course DescriptionThis course introduces students to hypertext preprocessor (PHP) used to develop web applications residing on a MySQL database back end. Students will explore a popular server-side language to process data using customer forms, data files and relational databases. Data validation and state management are taught.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC310 - Server-side Scripting with PHP

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC342 - Advanced Server Side Scripting w/PHP II

## Contact Hours

| Lab |
| --- |
| 30 |

# SDC345 Interface Design I (3)

## Description

### Course Description
This course is designed to provide students with an introduction to User Experience (UX) and User Experience Design (UXD). Students will learn to incorporate business strategy, value proposition, user research and user experience design. Additionally, they will use UXD to enhance a user's satisfaction by improving a product's usability, accessibility and experience. Through this course and the associated lab, students will also have new visuals/documents to include in their design portfolio.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC260 - Web Interface Design

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC345L - Interface Design I LAB

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC345L Interface Design I LAB (1)

## Description

### Course Description
This course is designed to provide students with an introduction to User Experience (UX) and User Experience Design (UXD). Students will learn to incorporate business strategy, value proposition, user research and user experience design. Additionally, they will use UXD to enhance a user's satisfaction by improving a product's usability, accessibility and experience. Through this course and the associated lab, students will also have new visuals/documents to include in their design portfolio.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC260 - Web Interface Design

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC345 - Interface Design I

## Contact Hours

| |
|---|
| Lab |
| 30 |

# SDC355 Javascript (3)

## Description

### Course Description
This course provides the student with the knowledge and skills for web client scripting technology using JavaScript. Students will learn how to create form validations, cookies, special effects, and do Ajax form implementation. Node.js is introduced.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC260 - Web Interface Design

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC360 Web Application Development (3)

## Description

### Course Description
This course will provide students with the knowledge and skill required to use technologies for developing rich applications delivered via a web browser. Students will learn how to build responsive client side interfaces and how to consume data from web services.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC355 - Javascript

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC380 Introduction to Data Analytics (3)

## Description

### Course Description
This course will provide students with an introduction to the concepts and tools used in data analytics. Students will learn the basic practices of data analytics professionals and about problem framing, data collection, data models, and data visualization.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ALL of the following requirements:**

Prerequisite

**Complete ANY of the following Courses:**
- CYB120 - Introduction to Python Programming
- SDC205 - Python for Data Analytics

**AND**

Prerequisite

**Complete ALL of the following Courses:**
- MTH140 - Statistics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC385 AI/ML and Data Analytics Tools (3)

## Description

### Course Description
This course will provide students with advanced concepts and tools used in data analytics. Using a project-based approach, students will learn how to leverage Python and its analytics tools to implement the entire analytics process of data collection, cleaning, presentation, and automation.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC380 - Introduction to Data Analytics

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC420 System Analysis and Design (3)

## Description

### Course Description
This course provides advanced coverage of modern strategies and techniques of systems development. The course will cover the concepts, skills, methodologies, techniques, tools and perspectives essential for the systems analysts to successfully analyze, design and develop Information Systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ALL of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**
- SDC200 - Introduction to Databases

**AND**

Prerequisite

**Complete ANY of the following Courses:**
- SDC220 - Object-Oriented Programming Using C#
- SDC230 - Object-oriented Programming Using Java

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC435 Advanced Databases (3)

## Description

### Course Description
This course will provide students with hands-on experience in both relational and non-relational databases. Students will learn to store, retrieve, manipulate, and secure data in both structured and non-structured environments.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CST200 - Linux Administration
- SDC200 - Introduction to Databases
- SDC205 - Python for Data Analytics
- SDC250 - Structured Query Language

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC435L - Advanced Databases Lab

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC435L Advanced Databases Lab (1)

## Description

### Course Description
This course will provide students with hands-on experience in both relational and non-relational databases. Students will learn to store, retrieve, manipulate, and secure data in both structured and non-structured environments.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- CST200 - Linux Administration
- SDC200 - Introduction to Databases
- SDC205 - Python for Data Analytics
- SDC250 - Structured Query Language

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC435 - Advanced Databases

## Contact Hours

| Lecture |
| --- |
| 0 |

| Lab |
| --- |
| 30 |

# SDC440 Mobile Development II (3)

## Description

### Course Description
This course covers advanced topics used to design and implement mobile applications. Students will learn data storage, mobile web applications, how to consume web services, and advanced user interface design and implementation.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC340 - Mobile App Development

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC445 Interface Design II (3)

## Description

### Course Description
This course is designed to provide students with a comprehensive understanding of developing modern web applications using React.js and deploying them to the Web. Throughout the course, students will learn the fundamental concepts of React.js, including component-based architecture, state management, props, and JSX syntax. Students will learn best practices for organizing and structuring React applications to ensure maintainability, scalability, and code reusability. In the latter part of the course, students will delve into the process of deploying React applications to various hosting platforms, including cloud services like Vercel, Heroku, and Netlify.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC345 - Interface Design I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC445L Interface Design II LAB (1)

## Description

### Course Description
This course is designed to provide students with a comprehensive understanding of developing modern web applications using React.js and deploying them to the Web. Throughout the course, students will learn the fundamental concepts of React.js, including component-based architecture, state management, props, and JSX syntax. Students will learn best practices for organizing and structuring React applications to ensure maintainability, scalability, and code reusability. In the latter part of the course, students will delve into the process of deploying React applications to various hosting platforms, including cloud services like Vercel, Heroku, and Netlify.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC345 - Interface Design I
- SDC345L - Interface Design I LAB

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC445 - Interface Design II

## Contact Hours

| |
|---|
| Lab |
| 30 |

# SDC470 Cloud Native Application Development (3)

## Description

### Course Description
This course will provide students with the knowledge to design, develop, and monitor modern distributed cloud native applications. Students will facilitate the containerization, orchestration, and deployment of web applications and services. Students will utilize various software deployment tools and will also identify the steps needed to design resilient and easily scalable applications that are “cloud-native.”

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Fulfill ANY of the following requirements:**

Prerequisite

**Complete ALL of the following Courses:**
- SDC320 - Advanced Object-oriented Programming Using C#
- SDC320L - Advanced Object-oriented Programming Using C#

**OR**

Prerequisite

**Complete ALL of the following Courses:**
- SDC330 - Advanced Object-oriented Programming Using Java
- SDC330L - Advanced Object-oriented Programming Using Java LAB

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC480 Software Development Capstone (3)

## Description

### Course Description
This course is specifically designed to support the overall CIS major and the student's selected concentration program by requiring the design of a project that encompasses objectives of their selected concentration.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC485 AI/ML and Data Analytics Methods and Modeling (3)

## Description

### Course Description
This course will provide students with an application of data analytics methods, modelling, and visualization tools and techniques. Students will learn about different tools, methods, and approaches to the depiction of data.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC385 - AI/ML and Data Analytics Tools

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC485L - AI/ML Data Analytics Methods and Modeling LAB

## Contact Hours

| Lecture |
| --- |
| 45 |

# SDC485L AI/ML Data Analytics Methods and Modeling LAB (1)

## Description

### Course Description
This course will provide students with application oriented experiences in data analytics methods and modelling. Student will learn skills required to use data analytics methods and modelling tools in a data oriented solution.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC385 - AI/ML and Data Analytics Tools

**Corequisite**

**Type**
Corequisite

**Enroll in the following Courses:**
- SDC485 - AI/ML and Data Analytics Methods and Modeling

## Contact Hours

| |
|---|
| Lab |
| 30 |

# SDC486L AI/ML and Advanced Data Analytics LAB (1)

## Description

### Course Description
This course will provide students with application oriented experiences in data visualization. Student will learn skills required to use data visualization tools in a data oriented solution.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SDC485 - AI/ML and Data Analytics Methods and Modeling

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Lab |
| 30 |

# SDC490 Software Development Externship (3)

## Description

### Course Description
This course will provide students with real-world experience in a work environment appropriate for their concentration. Students will apply the skills they have acquired in their program to on-the-job work assignments.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Clinical/Externship |
| 135 |

# SDC491 Software Development Externship (1)

## Description

### Course Description
This course will provide students with real-world experience in a work environment appropriate for their concentration. Students will apply the skills they have acquired in their program to on-the-job work assignments.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Clinical/Externship |
| 45 |

# SDC492 Software Development Externship (1)

## Description

### Course Description
This course will provide students with real-world experience in a work environment appropriate for their concentration. Students will apply the skills they have acquired in their program to on-the-job work assignments.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Clinical/Externship |
| 45 |

# SDC493 Software Development Externship (1)

## Description

### Course Description
This course will provide students with real-world experience in a work environment appropriate for their concentration. Students will apply the skills they have acquired in their program to on-the-job work assignments.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Academic Advisor's Approval**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| |
|---|
| Clinical/Externship |
| 45 |

# SE510 Systems Engineering Concepts (3)

## Description

### Course Description
This course will provide students with the knowledge and skills to apply a top down approach to the engineering of complex systems. Topics covered in this course include all activities involved in engineering complex systems starting from the inception of the system to its implementation. Specifically, the management, maintenance and quality assurance of the engineering process are covered. Students will learn how to engineer complex systems using the principles of systems engineering.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SE520 System Analysis, Design and Implementation (3)

## Description

### Course Description
This course will provide students with knowledge and skills of integrated approaches to system analysis, design and implementation. Topics include modern concepts & practices to modeling, requirements definition, specification development, system development, test and quality evaluation. Students will learn detail analysis, design & implementation techniques used in the development of complex systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SE530 Testing and Evaluation (3)

## Description

### Course Description
This course will provide students with knowledge and skills on the application of systems engineering principles to the testing and evaluation of complex systems. Topics include adoption of proper testing requirements and parameters, validation and verification, operational testing and evaluation. Student will be able to apply systems engineering concepts to develop corrective actions based on data interpretation and analysis.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SE630 Robotics Principles (3)

## Description

### Course Description
This course will provide students with knowledge and skills of fundamental principles of robotics. Topics include the development of computer programs for analyzing the kinetics, dynamics and control of robotic systems. Students will be introduced to the fundamentals of robotics system development.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SE632 Pattern Recognition and Machine Learning (3)

## Description

### Course Description
This course will provide students with knowledge and skills of machine learning based on unified, probabilistic approach. Topics include study of probability, optimization, conditional random fields, regularization and deep learning. Students will learn pattern recognition and machine learning principles relating to robotics systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SE634 Robotics in Automation and Control (3)

## Description

### Course Description
This course will provide students with knowledge and skills of best practices and future development in the field of robotics. Topics include use of robotics in manufacturing, assistive robotics, bioinformatics, human-computer interaction and intelligent mechatronics. Students will learn automation and control of robotics systems.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SE650 Systems Engineering Project I (3)

## Description

### Course Description
This course is the first phase of the culminating experience in systems engineering through a practical project spanning the conceptual design, planning, and specification to the implementation, testing, and evaluation of the system. Faculty approval is required for the formally presented proposed project.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SE652 Systems Engineering Project II (3)

## Description

### Course Description
This course is the second phase of the culminating experience in systems engineering through a practical project spanning the conceptual design, planning, and specification to the implementation, testing and evaluation of the system. Students will apply learned principles and tools for systems engineering to the design and implementation of a faculty approved project.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

# SOC100 Introduction to Sociology (3)

## Description

### Course Description
This course introduces the general theories and methods used by sociologists in their work and considers the role of social structure in shaping human behavior. This course also examines the impact of social forces on individuals and groups, and delves into issues of race, class, and gender.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- ENG110 - College Composition

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# SUR101 Surgical Theory I (3)

## Description

### Course Description
This course provides general introductory information for the surgical technology student. The student will learn the history and development of surgery, healthcare facilities organization and accreditation, physical environment and safety, biomedical science, surgical technologist and other team members job descriptions, medical/ legal aspects of surgery including informed consent, risk management, patient's Bill of Rights, the surgical patient and treatment of "special populations" of patients, professional management, communication skills and teamwork, microbiology related to the perioperative environment.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

0

# SUR102 Surgical Theory II (3)

## Description

### Course Description
This course introduces the student to the basic principles of aseptic and sterile technique. The students will learn methods of disinfection and sterilization, hand hygiene and surgical scrub, gowning and gloving, technological sciences, pre and post-operative patient care, urinary catheterization, hemostasis, pharmacology and anesthesia, disaster preparedness and response. The student will learn the basic principles and reasons for aseptic technique.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SUR101 - Surgical Theory I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 30 |

| Lab |
| --- |
| 30 |

# SUR120 Surgical Procedures I (4)

## Description

### Course Description
This course introduces the student to skills including creation and maintenance of the sterile field, sterile and non-sterile equipment and supplies, and surgical counts. The students should be able to name and identify instruments, equipment and supplies used in the operative setting. The student will learn concepts related to wound healing and the devices and methods of wound closure, pre/intra/post-operative routines, patient skin prep, positioning and draping and urethral catheterization.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SUR102 - Surgical Theory II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

45

# SUR121 Surgical Procedures II (4)

## Description

### Course Description
This course is the logical continuation of Surgical Procedures I and will focus on the general, obstetric and gynecologic, genitourinary, ophthalmic, and laparoscopic procedures. The student will learn to identify the names and uses of instruments, supplies and drugs of each specialty; describe the pathology and related terminology of each system or organ that prompts surgical intervention, discuss preoperative diagnostic procedures related surgical procedures.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SUR120 - Surgical Procedures I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 30 |

| Lab |
| --- |
| 60 |

# SUR122 Surgical Procedures III (4)

## Description

### Course Description
This course is the logical continuation of Surgical Procedures II and will focus on the otorhinolaryngologic surgery, oral and maxillofacial surgery, plastic and reconstructive surgery, and neurosurgery procedures. The student will learn the names and uses of instruments, supplies and drugs of each specialty; describe the pathology and related terminology of each system or organ that prompts surgical intervention, discuss preoperative diagnostic procedures related surgical procedures.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SUR121 - Surgical Procedures II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

30

Lab

60

# SUR123 Surgical Procedures IV (4)

## Description

### Course Description
This course is the logical continuation of Surgical Procedures II and will focus on the orthopedic surgery, cardiothoracic surgery, and peripheral vascular surgery. The student will learn to identify the names and uses of instruments, supplies and drugs of each specialty; describe the pathology and related terminology of each system or organ that prompts surgical intervention, discuss preoperative diagnostic procedures related surgical procedures.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SUR122 - Surgical Procedures III

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 45 |

| Lab |
| --- |
| 45 |

# SUR270 Surgical Technology Practicum I (3)

## Description

### Course Description
This course introduces the student to the hospital operating room and support services, including basic scrub responsibilities and techniques and sterile procedures. The student will learn in the field under the supervision of a qualified medical professional.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**None**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

160

# SUR270S Practicum Seminar I (1)

## Description

### Course Description
This course is taken in conjunction with SUR270. Students will learn and collaborate to share perioperative care experiences while in a clinical setting.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SUR123 - Surgical Procedures IV

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 15 |

| Lab |
| --- |
| 0 |

# SUR271 Surgical Technology Practicum II (3)

## Description

### Course Description
This course introduces the student to the hospital operating room and support services, including basic scrub responsibilities and techniques and sterile procedures. The student will learn under the supervision of a qualified medical professional.

### Credit Hours

3

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SUR270 - Surgical Technology Practicum I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

160

# SUR271S Practicum Seminar II (1)

## Description

### Course Description
This course is taken in conjunction with SUR271. Students will learn and collaborate to share perioperative care experiences while in a clinical setting.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SUR270 - Surgical Technology Practicum I

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 15 |

| Lab |
| --- |
| 0 |

# SUR272 Surgical Technology Practicum III (4)

## Description

### Course Description
This course introduces the student to the hospital operating room and support services, including basic scrub responsibilities and techniques and sterile procedures. The student will learn in the field under the supervision of a qualified medical professional.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SUR271 - Surgical Technology Practicum II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

0

Lab

0

Clinical/Externship

180

# SUR272S Practicum Seminar III (1)

## Description

### Course Description
This course is taken in conjunction with SUR272. Students will learn and collaborate to share perioperative care and experiences while in a clinical setting.

### Credit Hours

1

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Complete ALL of the following Courses:**
- SUR271 - Surgical Technology Practicum II

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

| Lecture |
| --- |
| 15 |

| Lab |
| --- |
| 0 |

# SUR285 National Certifying Examination Prep (4)

## Description

### Course Description
This course provides the student with an overview of the entire Surgical Technology curriculum and prepares the student for the National Certifying Examination. The course will include learn test taking strategies. Students will work in the lab to review and enforce technical skills that will be used in the field.

### Credit Hours

4

### Simple Requirements

**Prerequisite**

**Type**
Prerequisite

**Completion of all other required courses in the AASST program**

**Corequisite**

**Type**
Corequisite

**None**

## Contact Hours

Lecture

45

Lab

30