

North Idaho College

North Idaho College

2026-2027 Catalog

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AA/AS Degree Requirements

To qualify for an **Associate of Arts** or an **Associate of Science** Degree, a candidate must:

1. Complete a minimum of 60 semester credits of 100- and 200-level courses with an overall grade point average of 2.0 (C) or higher; and
2. Complete a minimum of 36 semester credits of general education coursework; and
3. Satisfy all general education and program requirements with a grade of C- or higher in each course; and
4. Satisfy all elective requirements with a grade of D- or higher.
5. Students with an earned associate of arts degree, associate of science degree, bachelor's degree, or a higher degree from an accredited institution are waived from completing the general education requirements unless a program requires a specific course(s).

For specific program requirements, refer to the Program Guidelines page.

AA/AS Degree Requirements

GEM 1, 2, and 3

GEM 1 - Written Communication (6-8 credits)	
ENGL-101 or ENGL-101P	Writing and Rhetoric I
ENGL-102 or ENGL-102P	Writing and Rhetoric II
GEM 2 - Oral Communication (3 credits)	
COMM-101	Fundamentals of Oral Communication
GEM 3 - Mathematical Ways of Knowing (3-5 credits)	
Select one of the following:	
MATH-123	Math in Modern Society
MATH-130	Finite Mathematics
MATH-143P	Precalculus I: Algebra
MATH-143	Precalculus I: Algebra
MATH-147	Precalculus
MATH-153	Statistical Reasoning
MATH-160	Survey of Calculus
MATH-170	Calculus I
MATH-253	Statistical Methods

AA/AS Degree Requirements

GEM 4

GEM 4 - Scientific Ways of Knowing (7-8 credits)

Select at least 7 credits, including courses from two different disciplines.	
ANTH-104	Biological Anthropology
BACT-250	General Microbiology
BIOL-100	Concepts of Biology
BIOL-114	Organisms and Environments
BIOL-115	Introduction to Life Sciences
BIOL-175	Human Biology
BIOL-207	Concepts in Human Nutrition
BIOL-227	Human Anatomy and Physiology I
BTNY-203	General Botany
BTNY-241	Systematic Botany
CHEM-100	Concepts of Chemistry
CHEM-101	Introduction to Chemistry
CHEM-102	Essentials of Organic and Biochemistry
CHEM-111	General Chemistry I
CHEM-112	Principles of General College Chemistry II
ENSI-119	Introduction to Environmental Science
FSCI-101	Introduction to Forensic Science
GEOG-100	Physical Geography
GEOL-101	Physical Geology
GEOL-102	Historical Geology
GEOL-125	Regional Geology of the Pacific Northwest
GIST-271	Introduction to Geographic Information Science and Technology Using GIS (Geographic Information Systems)
PHYS-100	Survey of Physics From Classical Antiquity to Modern Physics
PHYS-101	Fundamentals of Physical Science
PHYS-103	Elementary Astronomy
PHYS-111	General Physics I
PHYS-211	Engineering Physics I
ZOOL-202	General Zoology

GEM 5

GEM 5 - Humanistic and Artistic Ways of Knowing (6 credits)

Select at least 6 credits, including courses from two different disciplines. Completion of one or more World Language courses counts as only one discipline.	
AIST-285	American Indian Literature
ART-100	Introduction to Art
ART-101	Art History from Caves to Cathedrals
ART-102	Art History from Da Vinci to Digital
CINA-126	Film and Culture
COMM-220	Introduction to Intercultural Communication
ENGL-175	Literature and Ideas
ENGL-216	Mythology
ENGL-257	Literature of Western Civilization
ENGL-258	Literature of Western Civilization
ENGL-267	Survey of English Literature
ENGL-268	Survey of English Literature
ENGL-271	Introduction to Shakespeare
ENGL-277	Great American Writers I: Contact to Civil War
ENGL-278	Great American Writers II: Civil War to Contemporary
ENGL-285	American Indian Literature
FREN-101	Elementary French I
FREN-102	Elementary French II
GERM-101	Elementary German I
GERM-102	Elementary German II
HUMS-101	Montage: Introduction to the Humanities
HUMS-200	Interdisciplinary Seminar
INTR-200	Interdisciplinary Seminar
ITAL-102	Elementary Italian II
JAPN-101	Elementary Japanese I
JAPN-102	Elementary Japanese II
MUSI-100	Introduction to Music
MUSI-127	Survey of American Popular Music Since 1900
PHIL-101	Introduction to Philosophy
PHIL-103	Introduction to Ethics
PHIL-104	Ethics in Health Care
PHIL-111	World Religions
PHIL-201	Logic and Critical Thinking
PHIL-205	Political and Social Philosophy
PHIL-220	Asian Philosophy
POLS-208	Political and Social Philosophy
SPAN-101	Elementary Spanish I
SPAN-102	Elementary Spanish II
SPAN-111	Spanish for Health Professions
THEA-101	Introduction to the Theatre
WOCU-201	Contemporary World Cultures
WOCU-207	Study Abroad

AA/AS Degree Requirements

GEM 6

GEM 6 - Social and Behavioral Ways of Knowing (6 credits)

Select at least 6 credits, including courses from two different disciplines.	
AIST-101	American Indian Studies
ANTH-100	Introduction to Anthropology
ANTH-102	Cultural Anthropology
CHD-134	Infancy Through Middle Childhood
CJ-103	Introduction to Criminal Justice
COMJ-140	Mass Media in a Free Society
COMM-233	Interpersonal Communication
ECON-201	Principles of Macroeconomics
ECON-202	Principles of Microeconomics
EDUC-120	Foundations of Education
HIST-101	World History I
HIST-102	World History II
HIST-103	History of Civilization 20th Century
HIST-111	United States History I
HIST-112	United States History II
HIST-115	History of the Americas I: First Peoples and Colonial Period
HIST-116	History of the Americas II: Since Independence
POLS-101	American National Government
POLS-237	International Politics and Problems
PSYC-101	Introduction to Psychology
SOC-101	Introduction to Sociology
SOC-102	Social Problems
SOC-251	Race and Ethnic Relations

AA/AS Degree Requirements

GEM 7 (4-7 credits)

Complete GEM 7F or 7I, and 7W.

GEM 7F/I - Institutionally Designated

Complete either GEM 7F or 7I:	
GEM 7F - First Year Experience (3-4 credits)	
Complete one set of courses:	
CLC-120	First Year Experience Seminar
CLC-130	First Year Experience Learning Community Symposium
or	
ENGR-119	Engineering and Computer Science First Year Experience Seminar
ENGR-130	Engineering and Computer Science First Year Experience Symposium
GEM 7I - Institutionally Designated (3 credits)	
Select one of the following:	
INTR-250A	Death and Dying: A Sociocultural, Historical, and Biological Perspective
INTR-250B	Physical and Virtual Environments
INTR-250C	Integrative Business and Value Creation
INTR-250D	Juvenile Justice
INTR-250E	Writing in the Wild: Literature and Language of Natural Spaces
INTR-250F	Integrative Inquiry: The Art of Presence
INTR-250G	Teaching and Learning in the Outdoors
INTR-250H	Manufacturing Desire: Persuasive Marketing and Message Creation
INTR-250I	Page to Stage: Making Theatre from Scratch
INTR-250J	Psychology of Marketing
INTR-250K	Art and Social Justice
INTR-250L	Artistic Expression in the 20th Century
INTR-250M	Eastern Europe: Society Through Film
INTR-250N	Mathematics and Aesthetics of Musical Tuning
INTR-250O	Leadership in Interprofessional Healthcare
INTR-250P	Common Read
INTR-250Q	Honors in Action
INTR-250R	250 Years of Protest
INTR-250S	The Health Benefits of Nature
INTR-250T	Fairy Tales and the Culture of Childhood
INTR-250U	Science Fiction
INTR-250V	Media Literacy in the Digital Age
INTR-250W	The Meaning of Life
INTR-250X	Resilience in Today's World
INTR-250Z	Innovating for the Real World

GEM 7W - Wellness (1-3 credits)

Select one of the following:	
CHD-110	Child Health, Safety and Nutrition
CJ-203	Drugs and Society
CLC-101	Designing Your NIC Experience
CLC-102	Designing Your Life and Career
DANC-112	Social/Swing Dance
DANC-120	Latin Social Dance
MUSA-114A	Individual Instruction: Voice
MUSA-114B	Individual Instruction: Piano
MUSA-114C	Individual Instruction: Jazz Piano
MUSA-114D	Individual Instruction: General Guitar
MUSA-114E	Individual Instruction: Classical Guitar
MUSA-114F	Individual Instruction: Flute
MUSA-114G	Individual Instruction: Oboe
MUSA-114H	Individual Instruction: Clarinet
MUSA-114I	Individual Instruction: Saxophone
MUSA-114J	Individual Instruction: Bassoon
MUSA-114K	Individual Instruction: Trumpet
MUSA-114L	Individual Instruction: Horn
MUSA-114M	Individual Instruction: Trombone
MUSA-114N	Individual Instruction: Euphonium
MUSA-114O	Individual Instruction: Tuba
MUSA-114P	Individual Instruction: Violin
MUSA-114Q	Individual Instruction: Viola
MUSA-114R	Cello
MUSA-114S	Individual Instruction: String Bass
MUSA-114T	Individual Instruction: Electric Bass
MUSA-114U	Individual Instruction: Percussion
MUSA-114V	Individual Instruction: Harp
MUSA-130	Introduction to Piano
MUSA-145	Piano Class I
MUSP-102	Cardinal Voices - Commercial Music Ensemble
MUSP-103	North Idaho College Cardinal Chorale
MUSP-104	Vocal Jazz Ensemble
MUSP-106	North Idaho College Wind Symphony
MUSP-107	Cardinal Pep Band
MUSP-110M	Chamber Singers
MUSP-111C	Chamber Ensemble
MUSP-111O	Cardinal Chamber Orchestra
MUSP-113	North Idaho College Jazz Ensemble
NURS-115	Wellness for Care Providers
PE-101MB	*Varsity Sports Strength Training - Men's Basketball
PE-101MF	*Varsity Sports Strength Training - Men's Soccer
PE-101MG	*Varsity Sports Strength Training - Men's Golf
PE-101MW	*Varsity Sports Strength Training - Men's Wrestling
PE-101WB	*Varsity Sports Strength Training - Women's Basketball
PE-101WF	*Varsity Sports Strength Training - Women's Soccer

PE-101WG	*Varsity Sports Strength Training - Women's Golf
PE-101WS	*Varsity Sports Strength Training - Women's Softball
PE-101WV	*Varsity Sports Strength Training - Women's Volleyball
PE-103MB	*Varsity Sports Strength Training - Men's Basketball
PE-103MF	*Varsity Sports Strength Training - Men's Soccer
PE-103MG	*Varsity Sports Strength Training - Men's Golf
PE-103MW	*Varsity Sports Strength Training - Men's Wrestling
PE-103WB	*Varsity Sports Strength Training - Women's Basketball
PE-103WF	*Varsity Sports Strength Training - Women's Soccer
PE-103WG	*Varsity Sports Strength Training - Women's Golf
PE-103WS	*Varsity Sports Strength Training - Women's Softball
PE-103WV	*Varsity Sports Strength Training - Women's Volleyball
PE-110B	Begin Whitewater Kayaking
PE-110C	Beginning Rock Climbing
PE-110D	Beginning Sailing
PE-110E	Beginning Yoga
PE-110F	Cardiovascular Training
PE-110J	Jogging/Powerwalking
PE-110L	Lake Kayak/Canoe
PE-110M	Pilates
PE-110PP	Cross Country Skiing
PE-110QQ	Zumba
PE-110R	Strength Training
PE-110T	Tone and Trim
PE-110TT	Spinning
PE-110V	Cardio Cross Training
PE-110VV	Introduction to CrossFit
PE-110W	Mountain Biking
PE-110Y	Bowling
PE-110Z	Beginning Fly Fishing
PE-111B	Beginning Golf
PE-111C	Multiple Sports
PE-111D	Racquetball
PE-111F	Beginning Tennis
PE-111H	Whitewater Rafting
PE-111O	Outdoor Adventures
PE-111P	Stand Up Paddle Boarding
PE-201MB	*Varsity Sports Strength Training - Men's Basketball
PE-201MF	*Varsity Sports Strength Training - Men's Soccer
PE-201MG	*Varsity Sports Strength Training - Men's Golf
PE-201MW	*Varsity Sports Strength Training - Men's Wrestling
PE-201WB	*Varsity Sports Strength Training - Women's Basketball
PE-201WF	*Varsity Sports Strength Training - Women's Soccer
PE-201WG	*Varsity Sports Strength Training - Women's Golf
PE-201WS	*Varsity Sports Strength Training - Women's Softball
PE-201WV	*Varsity Sports Strength Training - Women's Volleyball
PE-203MB	*Varsity Sports Strength Training - Men's Basketball

PE-203MF	*Varsity Sports Strength Training - Men's Soccer
PE-203MG	*Varsity Sports Strength Training - Men's Golf
PE-203MW	*Varsity Sports Strength Training - Men's Wrestling
PE-203WB	*Varsity Sports Strength Training - Women's Basketball
PE-203WF	*Varsity Sports Strength Training - Women's Soccer
PE-203WG	*Varsity Sports Strength Training - Women's Golf
PE-203WS	*Varsity Sports Strength Training - Women's Softball
PE-203WV	*Varsity Sports Strength Training - Women's Volleyball
PE-222	Wellness Lifestyles
PE-226	Stress Management
PE-237A	Wilderness Backpacking
PE-237B	Wilderness Survival
PE-288	First Aid
SOC-220	Marriage and Family

*Course enrollment is restricted to current student athletes only.

AAS Degree Requirements

The **Associate of Applied Science Degree** is designed to provide training in specialized skills that can connect students with immediate employment opportunities. It is not intended as a preparation for transfer to bachelor’s degree programs, although many credits may transfer to other institutions. To qualify for an A.A.S. degree a candidate must:

1. Complete a minimum of 60 semester credits of 100- and 200-level courses with an overall grade point average of 2.0 (C) or higher; and
2. Complete a minimum of 15 credits of general education coursework; and
3. Satisfy all general education and program requirements with a grade of C- or higher in each course.
4. Students with an earned associate of arts degree, associate of science degree, bachelor's degree, or a higher degree from an accredited institution are waived from completing the general education requirements unless a program requires a specific course(s).

For specific program requirements, refer to the Program Guidelines page.

GEM 1 - Written Communication (3-4 credits)

ENGL-101 or ENGL-101P	Writing and Rhetoric I

GEM 2 - Oral Communication (3 credits)

COMM-101	Fundamentals of Oral Communication

GEM 3 - Mathematical Ways of Knowing (3-5 credits)

Select one of the following:	
MATH-123	Math in Modern Society
MATH-130	Finite Mathematics
MATH-143	Precalculus I: Algebra
MATH-143P	Precalculus I: Algebra
MATH-147	Precalculus
MATH-153	Statistical Reasoning
MATH-160	Survey of Calculus
MATH-170	Calculus I
MATH-253	Statistical Methods

GEM 6 - Social and Behavioral Ways of Knowing (3 credits)

Select one of the following:	
AIST-101	American Indian Studies
ANTH-100	Introduction to Anthropology
ANTH-102	Cultural Anthropology
CHD-134	Infancy Through Middle Childhood
CJ-103	Introduction to Criminal Justice
COMJ-140	Mass Media in a Free Society
COMM-233	Interpersonal Communication
ECON-201	Principles of Macroeconomics
ECON-202	Principles of Microeconomics
EDUC-120	Foundations of Education
HIST-101	World History I
HIST-102	World History II
HIST-103	History of Civilization 20th Century
HIST-111	United States History I
HIST-112	United States History II
HIST-115	History of the Americas I: First Peoples and Colonial Period
HIST-116	History of the Americas II: Since Independence
POLS-101	American National Government
POLS-237	International Politics and Problems
PSYC-101	Introduction to Psychology
SOC-101	Introduction to Sociology
SOC-102	Social Problems

Institutionally Designated (3-5 credits)

Select any GEM course or combination of GEM courses.

Course Information and Definitions

Course Information and Definitions

Definition of Credit

A credit, sometimes referred to as semester credit or semester hour, is related to time spent in class, study, preparation, laboratory, or field experience. One semester credit hour normally requires 45 hours of student work, or:

1. 50 minutes in class each week for one semester (which assumes twice this amount of time studying and preparation outside the classroom), **or**
2. two to three hours in laboratory each week for a semester, **or**
3. the equivalent combinations of 1 and 2.

For workshops and short courses, credit is granted on the basis of one semester credit for 45 hours of scholarly activity.

Course Numbers

001 - 099	Courses are non-transferrable and do not apply toward academic degrees. They may be required for some A.A.S. degrees.
100 - 199	Lower division courses primarily for freshman.
200 - 299	Lower division courses primarily for sophomores.
300 - 399	Upper division courses in select disciplines for undergraduates.

Special Course Numbers

097- or 197- Special Topic

Semester length courses dealing with unique subject or timely topics conducted by qualified faculty or authorities in a particular field.

203 - Workshop

Certain courses that are of a short duration are typically called workshops. They are conducted by qualified NIC faculty members or other authorities in a particular field. Six credits maximum may be applied toward graduation. Instructor permission required.

290 - Internship

An off-campus experience directed by an on-site supervisor, but overseen by a faculty member designated to provide the student with an opportunity to observe and/or participate in a job-related activity that falls within the student's field of study. Six credits maximum may be applied toward graduation. Instructor permission required.

297 - Professional Development

Non-credit professional development courses for K-12 certified teachers offered at a set cost that may be taken by NIC faculty toward professional development workshop hours.

298 - Practicum

An out-of-classroom experience designed to give the student an opportunity to apply principles learned in academic course work to specific community-related or employment-related situations. Practicums are overseen by a faculty member. Eight credits maximum may be applied toward graduation. Instructor permission required.

299 - Independent Study

An individual study involving readying or a project that is offered on demand only. Six credit maximum may be applied toward graduation. Sophomore standing and instructor permission required.

Requisite Types

Corequisite

A course that must be taken concurrently with another course or courses unless it was previously completed with a required minimum grade.

Prerequisite

A requirement that must be met before a student can enroll in a course. This may include but is not limited to completion of other courses, sophomore standing, instructor permission, placement scores, or acceptance in certain programs.

Recommended

An identified course in which skill levels are established and will assure success completion. Recommendations should be carefully considered but are not required.

Instructional Method Definitions

North Idaho College offers a variety of instructional methods for classes in order to meet student needs. Below is a listing of the methods currently offered:

Method	Description
Lecture	Course sections taught face-to-face.
Lab	Course sections taught face-to-face with laboratory instruction.
Online	Course sections taught online with no set meeting times.
Hybrid Flex	Course sections combining face-to-face instruction at set days and times with online instruction not at set days and times.
Lecture/Lab	Course sections taught face-to-face in which lecture and lab instruction are delivered at the same time.
Activity	Course sections where the instructional time is based on a physical activity.
Orientation	In combination with another method, used to orient a student to the course. Primarily used for activity classes.
Internship	Course sections held at outside organizations in order for students to gain experience in chosen career.
Practicum	Course sections which provide supervised application of previous coursework learned.
Directed Study	Course currently offered by the institution and held on a case-by-case basis.
Independent Study	Courses not currently offered by the institution. Arrangements on content and instructional methods are decided between the student and faculty.

Directed and Independent Study Courses

Directed Studies

Courses in which the content is identical to courses outlined in the catalog. A student must demonstrate that the course is required for graduation or program purposes and that taking the course through directed study is the only option available to them. Directed study courses must be approved by the instructor, appropriate division chair, dean, and the Provost or their designee. Students may register for directed study classes during the add/drop period of the term or session.

Independent Studies

Courses, available in most academic disciplines, in which the course content, learning, and evaluative criteria are developed primarily by the student with the guidance of the instructor. Independent studies may include readings and a project and must be approved by the instructor, appropriate division chair, dean, and Provost or their designee. These courses are open to students who have a 3.0 cumulative GPA and have successfully completed 30 semester credits.

Students may not enroll in more than three credits of independent study per semester or six credits per year. Credits earned may not be used to fulfill associates degrees core requirements. Students may register for independent study classes during the add/drop period of the term or session.

For more information or to begin the enrollment process for a directed or independent study course, contact the appropriate division chair or senior administrative assistant.

Interest Areas

Interest Areas are groupings of college programs with similar educational and career goals. They help students choose a direction that is suited to their interests, especially when they are unsure about the specific certificate or degree to pursue when they begin college. By starting in an interest area, students can develop confidence and clarity to select a program that is meaningful to them. Interest areas at NIC may include transfer and career programs under one heading. These areas are noted at the top of each program under the Program Guidelines. NIC has established the six interest areas listed below:

- Arts and Communication
- Business
- Health Professions
- Trades and Industry
- Science, Technology, Engineering, and Mathematics
- Human Sciences
- Exploratory

Transfer Degree Programs

Associate of Arts and Associate of Science: Students may earn an Associate of Arts or Associate of Science degree by completing 36 credits of general education coursework and a minimum of 24 program-specific credits, for a total of at least 60 credits. Students must maintain a minimum overall grade point average of 2.0, and a grade of C or higher is required in all courses designated within the program. These associate degrees are designed to prepare students for transfer into a bachelor's degree program.

Academic Undergraduate Certificate: Students may earn an Academic Undergraduate Certificate by completing all required coursework with a minimum overall grade point average of 2.0. A grade of C- or higher is required in each course designated within the program. This credential consists of a minimum of 7 credits and represents a cohesive body of knowledge in the specified area of study. They are designed to be a short-term marketable credential.

General Education Framework

North Idaho College (NIC) has a proud heritage of fostering learning experiences that equip students with durable skills in general education, preparing them with the knowledge and competencies needed for successful careers, workforce participation, and meaningful contributions to society. As students engage in these courses, they gain durable skills such as critical thinking, communication, collaboration, fortitude, growth mindset, creativity, and leadership.

The college framework for general education adopts the principles and requirements outlined in Idaho's Statewide General Education (Policy III N). The faculty of NIC met with colleagues from across the disciplines at each of the two- and four-year public higher education institutions in Idaho to write competencies in six areas of general education. The general education courses at NIC represent the thoughtful review by faculty of the content and learning outcomes. These are:

- Written and Oral Communication: Students will express themselves effectively, in both written and oral forms, to varied audiences to serve many purposes.
- Mathematical Ways of Knowing: Students will use appropriate mathematical principles and practices to interpret mathematical concepts, execute and explain appropriate strategies, and draw conclusions.
- Scientific Ways of Knowing: Students will apply scientific reasoning to various discipline related questions in the field and use laboratory practices appropriately for study, analysis and replication of key principles.
- Humanistic and Artistic Ways of Knowing: Students will describe and interpret how a variety of humanistic and artistic forms, reflect, shape, and influence the human condition.
- Social and Behavioral Ways of Knowing: Students will use social science reasoning to inquire, collect relevant information, and develop insights on individual, social, community, regional, national, and/or global issues.

In addition, NIC has established requirements for competencies in:

- Wellness and First Year Experience or Integrative Inquiry: Students will demonstrate self-awareness, apply integrative learning, and develop commitment toward educational and life goals.

General education at NIC reflects the college's commitment to preparing active and engaged citizens in the 21st century. Through this approach, NIC students benefit from an education that aligns with our mission and values as a comprehensive community college.

General Education Courses

Per State Board policy, students are required to complete 36 total credits of General Education. Careful selection of courses in all general education requirement (GEM) areas is necessary to ensure students meet this credit requirement. Students are encouraged to meet with their advisor regularly to ensure courses meet graduation requirements. Students who complete all of the GEM requirements will receive documentation on their official NIC transcript. This documentation will both be a milestone toward completion of the associate's degree requirements and support transfer to a bachelor's degree program in Idaho, where it will be universally accepted as satisfying general education requirements at Idaho's public two-and four-year institutions. Completion of all of NIC's general educational requirements will also be useful for those students who choose to transfer outside of Idaho for their bachelor's degree.

In the absence of an A.S. or A.A. degree or completion of all general education requirements at NIC, transfer institutions will evaluate each course on a student's transcript. Completed general education core courses will transfer in the specified area taken at NIC to Idaho public institutions. For example, a GEM 4 course completed at NIC in Scientific Ways of Knowing will be accepted by a public institution in Idaho as Scientific Ways of Knowing. Any other course completed at NIC outside of the general education core, including courses in the wellness and integrative categories specific to NIC, will be reviewed on a case-by-case basis for transfer.

Program Course Requirements

These courses are listed under the general education requirements for each program and are designed to meet specific requirements in bachelor's degree programs.

Transfer Information

North Idaho College provides a wide array of associate's degree programs that support transfer to four-year schools in Idaho, as well as to regional and out-of-state institutions. By completion of one of the Associate of Arts or Associate of Science programs described in this catalog, students will satisfy all of the general education requirements for all public Idaho colleges and universities and will be well-positioned to earn a bachelor's degree with two more years of full-time study at many transfer institutions.

Working with a NIC advisor and consulting with the intended transfer institution is the best way to design a personalized plan to achieve educational goals. The necessary NIC lower division courses, (numbered 100 and 200) are needed to prepare for the upper division courses (numbered 300 and 400) to complete a bachelor's degree. Transfer Specific Courses may be identified for particular programs as a way to help ensure smooth and successful transfer to the designated institution.

An efficient education plan for transferring credits from NIC and completing bachelor's degree requirements at other colleges or universities involves three groups of courses:

- General Education Courses
- Program Requirements
- Transfer Specific Courses

Career and Technical Education and Occupational Program Options

Students enrolled in a career and technical education program receive comprehensive training and may also receive on-the-job experiences through a practicum or co-op opportunity. These programs provide educational training for entry-level job skills. Reinforcing basic skills and developing job-related skills are integral components of all programs. Programs vary in length depending on whether students choose a certificate or Associate of Applied Science Degree option.

Basic Technical Certificate (BTC)

Students may qualify for a Basic Technical Certificate by completing a career and technical education program with an earned overall grade point average of at least 2.0 (C). A grade of C- or better is also required for each specific course listed within the program outline. This certificate is awarded for completion of requirements in an approved career and technical education program of instruction of at least eight semester credit hours and mastery of specific competencies drawn from requirements of business/industry.

Intermediate Technical Certificate (ITC)

Students may qualify for an Intermediate Technical Certificate by completing a career and technical education program with an earned overall grade point average of at least 2.0 (C). A grade of C- or better is also required for each specific course listed within the program outline. This certificate is a credential awarded for the completion of requirements entailing at least 30 semester credit hours and less than one year of full-time work and includes mastery of specific competencies drawn from requirements of business/industry.

Advanced Technical Certificate (ATC)

Students may qualify for an Advanced Technical Certificate by completing a career and technical education program with an earned overall grade point average of at least 2.0 (C). A grade of C- or better is also required for each specific course listed within the program outline. This certificate is a credential awarded after completion of technical and technical support requirements entailing more than one academic year, a minimum of 52 semester credit hours, and mastery of specific competencies from requirements of business/industry.

Associate of Applied Science Degree (AAS)

Students may qualify for an Associate of Applied Science Degree by completing a career and technical education program with an earned overall grade point average of at least 2.0 (C). A grade of C- or better is also required for each specific course listed within the program outline. Some courses may not be transferable to other institutions and some programs may require electives that fulfill general education requirements.

Certain career and technical education programs have limited capacity and/or additional admission requirements. Prospective students who do not meet the initial eligibility requirements for a limited-enrollment program will need to take selected courses to receive necessary skill-building prior to entering the program. Because of the variety of options and course requirements within each career and technical education program, new students should consult with an advisor to formulate a customized plan prior to registration. Students who are placed on a waitlist for a limited enrollment program may also wish to pursue this option. Call (208) 769-3448 for information and to make an appointment with a career and technical education advisor.

Hands-on Training

Career and technical education and occupational programs provide hands-on training in specialized skills that are designed to connect with immediate employment opportunities. This training is accomplished through experiential learning in labs and shops, and through additional supervised internships at selected job sites or co-op opportunities. Each program has its own curricula for ensuring that students receive hands-on training and work-related experience to be employable in their field of study. Refer to the program and course descriptions for more information about the type of hands-on training provided for each career and technical education program. Those wishing additional information may contact Career and Technical Education Student Support Services at (208) 769-3448.

Workforce Training Center

NIC Workforce Training, based in the Riverbend Commerce Park in Post Falls, provides learning opportunities that empower students to achieve economic self-sufficiency, enhance business productivity, and contribute to community prosperity. Through skill development and education, NIC Workforce Training improves quality of life while fostering long-term economic growth. Classes are offered in Post Falls, Sandpoint, Rathdrum, and throughout North Idaho.

In 2024, NIC Workforce Training served 4,672 students with 7,225 class enrollments and a student completion rate of 89%. Flexible options are available for credit-free, short-term courses offered weekly and throughout the year. Students can choose in-person classroom, self-study, online, or hybrid courses to fit their lifestyle. Classes are open to the public, generally without pre-admission, academic, or residential requirements. Instructors are experts in their fields.

A variety of financing options are available to Workforce Training students, including payment plans and Sallie May student loans. Students may also be eligible for financing through Idaho LAUNCH and scholarships. High school students can use Advanced Opportunities funds to pay for many Workforce Training Center courses.

The Workforce Training Center's catalog of classes is published each fall, spring, and summer. Class information and registration is available in the catalog and online at nic.edu/wtc. The catalog is also available at the NIC campus, in libraries, and other locations throughout the community. For a copy of the catalog or more information, call the Workforce Training Center at (208) 769-3214.

Workforce Development

(208) 769-3264

Workforce Development offers open enrollment career or job-related classes in a variety of subject areas to enhance skills for employment. Classes are available in the areas of business enterprise, computers, technology, and industry trades. Industry-specific training programs are also offered such as Commercial Truck Driver, Welding, and more.

Apprenticeship

(208) 769-3214

Apprenticeship combines paid on-the-job experience with classroom instruction to prepare individuals to become journey-level workers in Electrical, Plumbing, HVAC, Construction, Heavy Equipment Operator, and Logging Equipment Operator. Programs are two- to- four years, depending on the program. The Workforce Training Center offers the required hours of related instruction with classes that run weeknights or Saturdays beginning in early September and run through May of each year. An Associate of Applied Science Degree for apprenticeship may be available for students who successfully complete all years of their program. Apprenticeships in health careers are also offered, including Medical Assistant, Dental Assistant and Certified Nursing Assistant. Successful completion of these programs generally leads to national industry certification. Visit nic.edu/apprenticeship for more information.

Health Careers and Emergency Services

(208) 769-7704

The Workforce Training Center offers a variety of health care-related training courses to start a career in the medical field. The courses offered lead to an industry-recognized credential in high demand health care roles. They prepare the student for entry-level employment and open a clear pathway for career and educational progression. Courses offered include: Certified Nursing Assistant (CNA), Phlebotomy Technician, Health Unit Coordinator (HUC), Medical Office, Restorative Assistant, Mental Health Assistant, Emergency Medical Technician (EMT), Advanced EMT, and Firefighter 1 Academy. Classes start monthly. Online Health Careers courses available include EKG Technician, Hemodialysis Technician, Nutrition and Personal Trainer Certification, Physical Therapy Aide, Sterile Processing Technician, Veterinary Assistant, and more. Visit nic.edu/healthcareers for more information.

Customized Training

(208) 769-7732

Customized Training specializes in developing and delivering industry and company-specific training to employees at the request of an organization. Customized Training works directly with the organization to clearly identify and deliver convenient, affordable, and high-quality training solutions for increased knowledge, performance, and productivity.

Customized Training is the regional leader in meeting the training needs of business and industry for the incumbent worker. For more information, contact the Workforce Training Center at (208) 769-7732.

Mine Safety Training

(208) 625-2359

The Mine Safety Training program provides effective and quality safety training to miners, operators, and contractors, throughout Idaho and the surrounding region. This training program adds emphasis to topics related to mine fatalities and injuries and is tailored to serve the region's mining community. All classes meet the U.S. Department of Labor Mine Safety & Health Administration (MSHA) requirements. For more information, call (208) 625-2359 or email minesafety@nic.edu.

Continuing Education Unit

The Continuing Education Unit (CEU) is a nationally recognized measure of participation in an approved non-credit continuing education program. One Continuing Education Unit (1.0) is defined as 10 contact hours of participation in an organized continuing education experience under responsible sponsorship, capable direction, and qualified instruction.

North Idaho College is among the many colleges and universities throughout the nation that award CEUs to participants of approved programs. Each participant satisfactorily completing approved continuing education courses, seminars, conferences, or workshops offered through the Workforce Training Center is awarded CEUs in recognition of their involvement.

Program Guidelines

This is the programs page.

Courses and Descriptions

This is the courses page.

General Information

About North Idaho College

Founded in 1933, North Idaho College (NIC) is a comprehensive community college located on the beautiful shores of Lake Coeur d'Alene. NIC offers an array of degrees and certificates in college transfer, career and technical, and general education programs. Approximately 6,600 students are enrolled in credit classes and more than 4,500 participate annually in non-credit courses offered by the NIC Workforce Training Center in Post Falls.

NIC's main campus is located in Coeur d'Alene, Idaho, a lakeside city with a growing population of 52,400 residents. Metropolitan amenities are close by with Spokane, Washington, a city of approximately 222,000 just 30 minutes away.

Beyond Coeur d'Alene, NIC meets the educational needs of residents in Idaho's five northern counties with the NIC Sandpoint center in Sandpoint, Idaho, online services and courses, and comprehensive outreach services. The college's regional facilities include the NIC Parker Technical Education Center in Rathdrum and the Workforce Training Center in Post Falls. NIC plays a key role in the region's economic development by preparing students for work in the area businesses, industries, governmental agencies, healthcare, and social services. NIC programs, students, staff, and faculty are a vital part of the civic and cultural life of the region.

NIC offers Associate of Arts and Associate of Science degrees designed for transfer to four-year schools, and Associate of Applied Science degrees and technical certificates in its career and technical education programs.

NIC is one of four community colleges in the state of Idaho. North Idaho College works closely with its sister colleges and universities. NIC collaborates with the University of Idaho, Lewis-Clark State College, Boise State University, and Idaho State University to enhance the higher education opportunities available in North Idaho.

Accreditation

North Idaho College is accredited by the Northwest Commission on Colleges and Universities (NWCCU), an institutional accrediting body recognized by the Secretary of the U.S. Department of Education. Accreditation of an institution of higher education by the NWCCU indicates that it meets or exceeds criteria for the assessment of institutional quality evaluated through a peer review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the foreseeable future. Institutional integrity is also addressed through accreditation.

Accreditation by the NWCCU is not partial but applies to the institution as a whole. As such, it is not a guarantee of every course or program offered, or the competence of individual graduates. Rather, it provides reasonable assurance about the quality of opportunities available to students who attend the institution.

The accreditation status of NIC with NWCCU is disclosed on the NWCCU website. Inquiries regarding an institution's accredited status by the Northwest Commission on Colleges and Universities should be directed to the administrative staff of the institution. Individuals may also contact:

Northwest Commission on Colleges and Universities
8060 165th Ave N.E., Suite 200
Redmond, WA 98052
(425) 558-4224

Several of NIC's programs are also accredited by program accrediting agencies. The Associate Degree in Nursing is accredited by the Accreditation Commission for Education in Nursing (ACEN). The Radiography Technology program is accredited by the Joint Review Committee on Education in Radiological Technology (JRCERT). The Medical Assistant program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP/MAERB). The Physical Therapist Assistant program is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE). The Medical Laboratory Technology program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). The Dental Hygiene program is accredited by the Commission on Dental Accreditation (CODA). The Automotive Technology program is certified by the National Institute for Automotive Service Excellence (ASE). The Surgical Technology program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) and the Accreditation Review Council on Education in Surgical Technology and Surgical Assisting (ARCSTSA).

History

North Idaho College was first known as Coeur d'Alene Junior College, a private school that was started in 1933 and operated for six years. The state Legislature passed the Junior College Act in January 1939, which permitted qualified areas to establish junior college districts by a vote of eligible electors. Coeur d'Alene Junior College became North Idaho Junior College in June 1939. In July 1971, the college changed its name to North Idaho College (NIC). NIC's service area is the Idaho Panhandle, which includes Kootenai, Benewah, Bonner, Boundary and Shoshone counties.

Open-Door Admission Policy

NIC has an open-door admissions policy as a comprehensive community college committed to providing educational access for the needs of individuals with widely divergent interests and abilities. The college encourages students to explore various interest areas where they will find NIC programs that offer career pathways designed to ensure student success.

Designated courses of study have special requirements for admission. The college assesses and evaluates entering students to place them in the appropriate level courses.

Community Services

As a comprehensive community college, North Idaho College strives to provide a quality educational environment and serve area residents through involvement in the community. Both goals are vitally important to NIC and have resulted in a wide variety of educational offerings, programs, and services designed for the college community at large.

Concerts, theatrical productions, athletic competitions, convocation programs, information sessions, and other events are offered to encourage community participation and involvement. Special courses, programs, and workshops are offered to meet the varied interests of individuals and community groups.

NIC Outreach and Regional Locations

NIC has an outreach center in Sandpoint. The center offers a variety of services, including admissions and academic advising, proctored testing, credit and non-credit courses, Adult Education courses, and GED instruction and testing. Transportation to outreach centers and other off-campus college facilities is not provided by North Idaho College. To learn more about the specific services and courses offered at the regional locations, go to nic.edu/locations or call or visit:

NIC at Sandpoint
102 South Euclid Street
Sandpoint, ID 83864
(208) 263-4594

Parker Technical Education Center
7064 W Lancaster Rd (physical address)
Rathdrum, ID 83858
(208) 769-3448

Workforce Training Center
525 South Clearwater Loop
Post Falls, ID 83854
(208) 769-3333

Mailing Address:
North Idaho College
1000 W Garden Ave
Coeur d'Alene, ID 83814

Cardinal Card

The Cardinal Card is the college's official student and employee ID card. It serves as an official form of identification, and may be used for electronic access to buildings on campus, financial aid verification, bookstore purchases, library services, community discounts, access to student programming, Outdoor Pursuit rentals, and the Student Wellness and Recreation Center. Cardinal Cash, a prepaid declining balance similar to a debit card, may be added to the Cardinal Card to allow for flexible spending options at the Cardinal Bookstore, The Market, the Caffeinated Cardinal, and for printing services across campus. For more information about the Cardinal Card, please visit nic.edu/cardinalcard.

NIC Foundation

The North Idaho College Foundation was founded in 1977 through a partnership between North Idaho College and the community to encourage private support to enhance resources for educational excellence and student success at North Idaho College. The NIC Foundation, Inc. is an independent, nonprofit charitable organization governed by a volunteer board of directors comprised of civic-minded community leaders.

Consistent with college policy, the NIC Foundation solicits, accepts and stewards resources to provide student scholarships and program support at North Idaho College. The Foundation raises funds through its annual campaign, special events, and planned giving program and in coordination with the NIC Development Department.

Through contributions and prudent stewardship, NIC Foundation provides over $1.5 million annually for student scholarships, which students apply for through North Idaho College scholarship processes. In addition, the Foundation has invested more than $16.5 million in NIC capital projects, including the Molstead Library, Parker Technical Education Center, and the Meyer Health and Sciences Building. Since 1994, an additional $1.7 million has been awarded through the NIC Foundation Grant Program to inspire innovative and creative instructional and support services.

To make a tax-deductible gift, request additional information, or inquire about charitable giving, go to nic.edu/foundation or call (208) 769-5978.

NIC Alumni Association

The North Idaho College Alumni Association encourages a lifelong connection to North Idaho College. Membership is free and open to anyone who has completed at least 12 academic credits or the first semester of a certificate course or apprenticeship program at NIC. You don't have to be a graduate to become a member.

Benefits include membership eligibility at the Student Wellness and Recreation Center, 50% discount for home athletic events, 10% discount on logo merchandise at the Cardinal Bookstore, and more!

The NIC Alumni Association unites thousands of alumni who have chosen to express their active support for the college. To join, visit nic.edu/alumni or call (208) 769-5978.

NIC Booster Club

The North Idaho College Booster Club is a nonprofit organization, committed to providing financial support to the intercollegiate athletics programs through fundraising and endowment activities for student-athlete grants and team programs.

Organized in the 1960s, the NIC Booster Club supports all NIC athletics teams as a lifelong learning experience that enhances the value of sportsmanship and provides a positive experience for student-athletes, students, and fans.

The Booster Club holds fundraising events throughout the year including an annual auction, Hall of Fame and Awards Banquet, 3-on-3 Basketball Tournament, the Idaho State High School All-Star Basketball Game, the Cardinal Classic Golf Tournament, and the Rolly Williams Golf Tournament.

For more information or to become a member, contact the NIC Athletics Office at (208) 769-3348. Booster Club luncheons are held once a month throughout the school year.

NIC Publications

Official North Idaho College publications, such as catalogs, brochures, course and fee schedules, etc., are not to be considered binding contracts between NIC and its students. NIC and its divisions reserve the right to:

- withdraw or cancel classes, courses, and programs,
- change fee schedules,
- change the academic calendar,
- change admission and registration requirements governing instruction in, and graduation from, the college and its various divisions, and
- change any other regulations affecting students.

Changes shall be enacted for both prospective and presently enrolled students whenever deemed appropriate. Advance notice of changes will be provided when possible.

Equal Opportunity Employment

North Idaho College is an equal opportunity employer (EOE). Employment selection and other aspects of employment are made without regard to race, color, religion, sex (including pregnancy), national origin, ethnicity, age, disability, sexual orientation (including gender identity), veteran status, or any other protected class.

In accordance with provisions of Idaho Code § 65-503, or its successor, North Idaho College is a veteran preference employer.

Student Conduct, Rights and Responsibilities

Students are expected to read and comply with the Student Conduct and Discipline Code, which may be found online on the Student Resources or in person in the Vice President for Student Services Office. This handbook also contains information regarding additional student resources as well as student rights and responsibilities.

Nondiscrimination Clause

North Idaho College does not discriminate on the basis of race, color, religion, sex (including pregnancy), national origin, ethnicity, age, disability, sexual orientation (including gender identity), veteran status, or any other protected class.

Inquiries regarding compliance with this non-discrimination policy and the college's grievance process may be directed to the Chief Human Resources Officer at the NIC Human Resources Offices Headwaters Complex B, 710 Military Drive, Coeur d'Alene, Idaho, 83814, (208) 769-4372 or, contact the Title IX Officer in the Student Services Office, Room 200 of the Edminster Student Union Building, or at (208) 769-5970.

Tobacco-Free Campus

To ensure a safe and healthy environment for students, employees, and visitors, North Idaho College prohibits the use of any tobacco products including, e-cigarettes and smokeless tobacco products on campus.

Drug-Free Schools and Campuses Act

NIC is committed to maintaining an environment of teaching and learning that is free of illicit drugs and alcohol. The college prohibits illegal possession, consumption, manufacture, and distribution of alcohol and drugs by students in college-owned, -leased, or -operated facilities and on campus grounds. Individuals who violate college policies, city ordinances, state, or federal laws may be subject to disciplinary action and/or criminal prosecution. Student sanctions, as detailed in the Student Code of Conduct, may include warning, censure, fines, disqualification, suspension, expulsion, restitution, as well as required attendance at educational programs. More information is available at Security Policies.

Service Animals on Campus

Service Animals are permitted to accompany individuals with disabilities in all areas of North Idaho College's facilities where members of the public, students, participants in services, programs, or activities, or invitees are allowed to go. Service animals are defined by the Americans with Disabilities Act (ADA) as any dog that is individually trained to do work or perform tasks for the benefit of an individual with a disability, including a physical, sensory, psychiatric, intellectual, or other mental disability. Service animals do not need to wear a vest or have identification. Service animals are required to be leashed or harnessed except when performing work or tasks where such tethering would interfere with the animal's ability to perform work or tasks, in which case the animal must be otherwise under the handler's control. Individuals should not be approached with questions about their service animals. Please do not pet, feed, or interfere with a service animal in any way.

Questions or concerns about service animals should be directed to Disability Support Services, (208) 769-7794 or (208) 665-4520. Please see the "Service Animal" link under Disability Support Services to view the entire Service Animal Practices.

Consumer Information

North Idaho College's consumer information provides prospective students, current students, and community members with information about North Idaho College. This information is provided in compliance with the Higher Education Act of 1965 as amended, the Family Educational Rights and Privacy Act, the Student Right to Know Act, the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, the Equity in Athletics Disclosure Act, the Drug Free Workplace Act and the Drug Free Schools and Communities Act. Hard copies are available upon request.

Photo Release

While at NIC locations and events, individuals may be photographed or recorded by NIC employees or authorized vendors for the purposes of publishing, copyrighting, and distributing educational or promotional materials. Materials include, but are not limited to, the NIC website, social media, billboards, digital advertisements, catalogs, articles and brochures. Individuals who do not wish to be photographed or recorded are responsible for removing themselves from the location where photography or recording is taking place.

Student Information

Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act of 1974 (FERPA) requires that North Idaho College adhere to guidelines concerning the right of a student and their educational records. The information below is designed to assist students in knowing the guidelines and protecting their confidentiality.

Student Directory Information

Directory information are those items contained in the educational record of a student that would not generally be considered harmful or an invasion of privacy. North Idaho College may release directory information to any party without consent of a student unless the student files a non-disclosure form. Students may request through Cardinal Central that the college not release their directory information. The items defined as directory information include student:

- Name
- Address
- Phone number
- Email address
- Dates of attendance
- Full-time or Part-time status
- Freshman/sophomore classification
- Previous institution(s) attended
- Program of study
- Awards/honors (including Dean's List)
- Degree(s) conferred (including dates)
- Past and present participation in officially recognized sports and activities
- Weight and height of members of athletics teams

Release of Personally Identifiable Records

The college does not permit access to or the release of educational records, or personally identifiable information (non-directory information) without the written consent of the student, to any other party other than the following:

- Administrative/support staff and college faculty when information is required for a legitimate educational interest within the performance of their responsibilities to the college, with the understanding that its use will be strictly limited to those responsibilities.
- Federal and state officials requiring access to educational records in connection with the audit and evaluation of a federal or state supported educational program or in connection with the enforcement of the federal or state legal requirement which will not permit the personal identification of students and their parents to anyone other than those officials. Such personally identifiable data shall be destroyed when no longer needed for such audit, evaluation, or enforcement of legal requirements.
- Agencies or individuals requesting information in connection with the student's application for, or receipt of, financial aid.
- Organizations conducting studies for, or on behalf of, the college for purposes of developing, validating, or administering predictive tests; administering student aid programs; and improving instruction. Such studies shall be conducted in such a manner that will not permit the personal identification of students by persons other than representatives of such organizations, and such information shall be destroyed when no longer needed for the purposes for which it was provided.
- Accrediting organizations in order to carry out their accrediting functions.
- Any person or entity designated by judicial order or lawfully issued subpoena, upon condition that the college makes a reasonable effort to notify the student of all such orders or subpoenas in advance of the compliance therewith.
- Information from educational records may be released to appropriate persons in connection with an emergency if the knowledge of such information is necessary to protect the health or safety of a student or other person(s).

Student Review of Records

Cardinal Central will assist students who want to inspect their records. Records covered by FERPA will be made available within 45 days and the college may charge reasonable fees for preparing copies for students. This includes records that are kept in the following offices:

- Admissions
- Registrar
- Financial Aid
- Veterans Services
- Student Activities
- Intercollegiate Athletics

The college reserves the right to have a college representative present during the review of the student's record and the representative may offer interpretation of the data within the record. Some records may be withheld by the college. For example, academic transcripts may be withheld if the student has a financial obligation to the college. Medical records may be released to the student's physician rather than to the student. Students may not inspect financial information submitted by their parents, confidential letters associated with admissions, and records to which they have waived their inspection rights. In the event a record contains information about other persons, the college will release only the portion of the record that pertains to the student. NIC will not release records that are not owned by the college.

FERPA Hearing Process

Upon examination of records, a student who believes that their record is inaccurate or misleading can request a formal hearing. Requests for a hearing should be directed in writing to Cardinal Central. When a date, time, and place for the hearing has been established, a student may present evidence at the hearing and be represented by an attorney, at the student's expense. The hearing panel will include the Dean of Enrollment Services or appointed designee and the student's advisor/instructor. The hearing process does not replace other processes for student grievances. The decision of the hearing panel will be based solely on the evidence presented at the hearing. A written summary of the hearing will be prepared and distributed to all parties. The summary will include the reasons behind any decisions made by the hearing panel. The student's records may be amended in accordance with the ruling of the hearing panel. A student may add comments to their record if the student is not satisfied with the ruling of the hearing panel. Such comments will be released whenever the records in question are disclosed. Students who believe the hearing panel results are in error may contact the FERPA Office, United States Department of Education, Room 4074, Switzer Building, Washington, D.C. 20202.

Student Information

Title IX-Education Amendments of 1972-Sexual Discrimination

Title IX and its implementing regulation, at 34 C.F.R. § 106.31 (a), provide that no person shall on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any academic, extracurricular, research, occupational training, or other education program or activity operated by the college.

Sexual harassment is a form of sex discrimination prohibited by Title IX. Sexual harassment is unwelcome conduct of a sexual nature and can include unwelcome sexual advances, requests for sexual favors, and other verbal, nonverbal, or physical conduct of a sexual nature, including rape, sexual assault, sexual battery and sexual coercion or other sexual misconduct.

Sexual harassment of a student can deny or limit, on the basis of sex, the student's ability to participate in or to receive benefits, services, or opportunities in the school's program.

Any student, faculty, or staff member with questions or concerns about sex discrimination or sexual harassment or who believes that he or she has been the victim of sex discrimination or sexual harassment may contact the Title IX Director for assistance. The Title IX Director is available to discuss options, explain college policies and procedures, and provide education on relevant issues.

Title IX complaints involving student complainants and student respondents will be referred to the Title IX Director for investigation and shall be subject to the Student Conduct Code.

The Title IX Director and Title IV Investigators for North Idaho College are:

Alex Harris
Director of Title IX, Conduct & Security
Office: Edminster Student Union Building, 200E
Phone: (208) 769-5970 / (208) 676-7156
Email: alex.harris@nic.edu

Meagan Snyder
Title IX Investigator
Chief Human Resources Officer
Office: Headwaters Complex B
Phone: (208) 769-4372
Email: mesnyder@nic.edu

Melanie McLean
Title IX Investigator
Assistant Director of Human Resources
Office: Headwaters Complex B
Phone: (208) 769-3272 / (208) 769-3304
Email: melanie.mclean@nic.edu

Student Information

Campus Security Policy and Campus Crimes Statistics Act

Campus Security website

Higher education institutions are required to publish and provide campus security information to students and staff in compliance with the Federal and Crime Awareness and Campus Security Act of 1990.

NIC's campus safety policies, programs, and campus crime statistics are available at the Campus Security Office in the Headwaters Complex at 703 Military Drive, Coeur d'Alene or by calling (208) 769-3310.

Emergency Phones

Emergency phones, which dial directly to the Campus Security Office, are located throughout the campus grounds. These phones are mounted on freestanding poles and are identified with a flashing blue light. The phones are for the use of students, employees, or visitors in case of an emergency or the need for assistance, such as an escort or vehicle jump-start. Emergency phone location maps are available at the Campus Security Office and Cardinal Card Office.

Emergency Preparedness

All college employees and students have a responsibility to engage in their own safety and security. North Idaho College has several notification systems used during campus emergencies. The notification system utilizes a series of beacons that will sound an alarm in college buildings when activated as well as take over the screens of all networked computers with an alert message. In addition, the system sends alert messages via email, voicemail, and text message to all contacts in the MyNIC system. Employees and students are automatically signed up to receive NIC Emergency Alert messages. Please ensure that you'll receive alerts by checking your contact information in MyNIC. Log in to MyNIC and then under the "Services" tab, click "User Account" then "Contact Information." Phone numbers listed as "Cell" will receive text messages; phone numbers listed as "Business" or "Home" will receive voicemail. More lockdown and shelter-in-place guidelines are available on the Campus Security website. There you can also watch the emergency preparedness video to review responses in an active shooter situation. The college tests emergency procedures with college-wide drills.

Crime Statistics

The personal safety and security of students, employees, and visitors, including the protection of property, are high priorities at North Idaho College.

NIC security information is provided to you as part of NIC's commitment to safety and security and in compliance with the Federal Crime Awareness and Campus Security Act of 1990.

Creating and maintaining a healthy and safe campus environment requires the cooperation and involvement of everyone. All students, employees, and visitors must assume responsibility for their personal health and safety and the security of their personal belongings. Our institution is safer than most places, but it's not crime free. Theft, assaults, and other violations of the law can occur at North Idaho College.

Please refer to the Campus Security website for detailed information on crime statistics, the Annual Security and Fire Report, reporting procedures, Title IX information, awareness training, and tips on maintaining a safe campus. A printed copy of the Annual Security and Fire Report, which provides crime and fire data for NIC, is available upon request, by calling (208) 769-3310. Updates to security policies and procedures are posted in a timely manner; the security webpage will list the most current updates available.

NIC Campus Security can be contacted by calling (208) 769-3310; this number is answered 24/7/365. The Campus Security Office is located at 703 Military Drive, Coeur d'Alene.

Parking

The purpose of Parking Services is to ensure the safe and orderly conduct of campus business and to provide parking facilities within the limits of available space. All vehicles, with the exception of those with a handicap plate/placard and motorcycles, must display a valid parking permit when parking at the main NIC campus and the Parker Technical Education Center. Please visit Parking Services for regulations, information, and online services.

Admissions Overview

Contact Information:

Cardinal Central
Web: nic.edu/cardinalcentral/
Email: cardinalcentral@nic.edu

North Idaho College's open-door admissions policy reflects a commitment of access to higher education. We welcome all students seeking to benefit from our educational programs and services.

How to Apply for Admission

- Submit the application for admission.
    - Note: choose "Start a new Degree Seeking Student Application" if you are not currently enrolled in high school and interested in earning high school credit for college-level courses through the dual credit program. This option is also for those who are interested in applying for financial aid.
    - Note: choose "Start a new Dual Enrollment Student Application" if you are currently in high school or home-schooled and want to take college-level courses for both high school and college credit.
- Submit one of the following:
    - Official high school transcript showing graduation date, or
    - Official home school transcript showing high school/secondary school graduation date, or
    - Official GED or HiSET test scores.

When applying for admission, you must submit accurate information. Failure to do so may result in denial of admission or dismissal from North Idaho College. The following items are strongly recommended for placement in mathematics and English courses, and for prerequisite requirements:

- Submit valid ACT, ISAT, or SAT test scores no more than four years old, or results from NIC placement assessments for English and mathematics.
- Submit official college or university transcripts from accredited institutions.

Admission Types

Degree-Seeking

Degree-seeking students enroll in courses that lead to a specific certificate or degree. Degree-seeking students are also eligible to apply for federal financial aid through the Free Application for Federal Student Aid (FAFSA), though being a degree-seeking student is not a guarantee of financial aid being awarded.

Dual Freshman

Dual Freshman are those who attended NIC through the Dual Credit program and want to continue their enrollment as a degree-seeking student. Dual Credit students planning to continue as a Dual Freshman need to apply.

First-time Freshman

First-time Freshman are degree-seeking students who have never attended college and have no college credits to transfer.

Former Students

Former students who have previously attended NIC but have not been enrolled for one or more semesters, excluding summer, need to reapply.

Transfer

Transfer students are those who have attended other institutions and received college credit. It is important applicants have their official transcripts sent to NIC from all former schools. All prior education and training from colleges, universities, vocational schools, and the military will be evaluated. Transfer coursework evaluations assist advisors in mapping out courses students still need to complete to earn a certificate or degree.

Non-Degree Seeking Students

Students interested in taking classes for personal enrichment, to improve job skills, or for other educational purposes may attend as non-degree seeking students. Non-degree seeking students are not admitted to an academic program, may not apply for federal financial aid, and are not eligible to graduate with a certificate or degree.

Non-High School Graduates

Students without a high school diploma may be admitted as non-degree seeking. Once the student has passed the General Education Diploma (GED) or the HiSET, they may apply as degree-seeking.

Recruitment Guideline

North Idaho College is an open enrollment public institution. Pertaining to all students, including those using veteran and military family benefits, the college refrains from providing commission, bonus, or other incentive payment based directly or indirectly on securing enrollments or federal financial aid (including Tuition Assistance funds) to any persons or entities engaged in any student recruiting, admission activities, or making decisions regarding the award of student financial assistance.

Additionally, the college refrains from high-pressure recruitment tactics such as making multiple unsolicited contacts, including contacts by phone, email, or in-person, or engaging in same-day recruitment and registration for the purpose of securing service member enrollments.

Dual Credit

Dual credit allows eligible Idaho high school and home school juniors and seniors to enroll in courses on campus, online, or at their high school. Credit may be earned simultaneously for both high school and college requirements. Dual credit students are not eligible for financial aid. Some scholarships are available. To be eligible, students should be at least 16 years old or have successfully completed at least half of their graduation requirements as approved by their high school counselor. Complete details about the program are available through high school counselors, the Dual Credit Office, and the Dual Credit website.

Dual Credit Application and Registration Process:

1. Meet with a high school counselor to determine eligibility.
2. Submit the Dual Enrollment Student Application.
3. Submit a completed Dual Credit Authorization Form, with high school counselor and parent signatures.
4. Submit valid ACT, ISAT, or SAT scores no more than four years old or results from NIC placement for English and mathematics.
5. Meet with a Dual Credit advisor to plan a pathway of courses.

For more information, contact the Dual Credit Office at (208) 625-2329.

Dual Credit Career and Technical Education (CTE)

Dual Credit CTE is an advanced learning opportunity that links approved high school technical courses to technical certificate and degree programs at the college level. Students enrolled in approved high school programs throughout the state may receive credit from NIC that is counted toward a career and technical education certificate or degree. This allows students to begin working on an Associate of Applied Science Degree or a Technical Certificate while still in high school. Credits may be paid for by Fast Forward funds. For more information about CTE opportunities, contact the Regional Transition Coordinators at (208) 625-2329.

Admissions Overview

International Admissions

International students must have graduated from a secondary school and have the minimum English language proficiency to succeed in college. International students who are transferring from a college or university must have a minimum 2.0 grade point average.

All application materials from students living abroad should be submitted at least six months prior to the start of the semester in order to allow time for evaluation and notice of acceptance. International students applying from within the United States need to submit all materials at least one month prior to semester start. The college will issue an I-20 to accepted students who provide the appropriate admissions and financial documentation.

International applicants must:

1. Submit the International Student Application.
2. Submit official secondary (high school) transcript and confirmation of graduation (an original, certified English translation must accompany documents that are not in English). Contact Admissions about specifics for your country. Student-athletes must also submit documents to InCred for evaluation.
3. Submit official transcripts from all colleges attended to an approved professional evaluation service (an original, certified English translation must accompany documents that are not in English). Foreign transcripts must be sent to World Education Services (www.wes.org), or a similar NACES member for a course-by-course evaluation. The student must then request the evaluation be sent to North Idaho College.
4. Submit proof of English proficiency. Approved options include:
    - Official Test of English as a Foreign Language (TOEFL, www.ets.org) with a minimum score of at least 61 (Internet-based iBT)
    - Official International English Language Testing (IELTS, www.ielts.org) with a minimum score of 5.0.
    - Duolingo English Test (Duolingo, www.englishtest.duolingo.com) with a minimum score of 100 (Global).
5. Submit a Financial Declaration and supporting bank documentation:
    - International students must submit proof from a financial institution demonstrating sufficient financial resources to fully cover the costs of tuition, books, fees, room and board, and all personal expenses for one academic year. If bringing a dependent, additional fund must be documented for their support. North Idaho College does not offer financial assistance to international students. Current tuition and fees.
6. Submit a copy of a valid passport.
7. Submit a Certificate of Health signed by a recognized medical agency which includes complete immunization records.
8. Provide proof of health insurance. (This may be submitted upon arrival at the college.)
9. Proof of payment for the F-1 Visa Application Fee and SEVIS Fee. Payment of these fees are the student's responsibility. (This may be submitted upon arrival at the college.)

All materials should be emailed to internationaladmit@nic.edu.

Admissions Overview

Special Admissions Programs

Limited Enrollment Programs

Certain career and technical education (CTE) programs with limited capacity have specific admission requirements. The limited enrollment CTE programs are:

- Advanced Manufacturing: Engineering and CNC Technologies
- Autobody and Paint Technology
- Automotive Technology
- Computer Control Automation Technology
- Computer Information Technology
- Cybersecurity and Information Security Administration
- Culinary Arts
- Culinary Arts Sous Chef Apprenticeship
- Diesel Technology
- Graphic and Web Design
- Heating, Ventilation, Air Conditioning/Refrigeration
- Industrial Mechanic/Millwright
- Industrial Robotics and Automation
- Machining and CNC Technology
- Mechanical Design Engineering Technology
- Outdoor Recreation Leadership
- Precision Manufacturing and CNC
- Welding Technology

It is preferred applicants submit all required materials three to six months prior to the start of the term. Offers of acceptance are made on a space available basis for qualified applicants.

For consideration:

- Submit the application for admission.
- Assessment materials in the form of English and Math placement (nic.edu/placement), SAT, ACT test scores, or transcripts of previous college coursework in mathematics and English.
- Call Career and Technical Student Support Services for next steps at (208) 769-3448.

Selective Enrollment Programs

The following programs are selective entry and have specific admission requirements. Application information may be found on the program's website during open application periods. Visit the individual Program Guidelines pages for more information on these programs.

- Dental Hygiene
- Law Enforcement
- Medical Laboratory Technology
- Physical Therapist Assistant
- Practical Nursing
- Radiography Technology
- Registered Nursing
- Surgical Technology

Admissions Overview

Residency

Residency for tuition purposes is governed by Idaho State Code. Under current Idaho State Code 33-2110A,

“…a student in a community college shall not be deemed a resident of the district, or of a county, or of the State of Idaho, unless such student shall have resided within said district, county, or state, for at least one (1) year continuously prior to the date of his/her first enrollment in said community college.”

“Counties in Idaho are liable for the out-of-district tuition so long as the student is duly enrolled and attending the college. This liability shall be for six (6) semesters or the term of the curriculum for which the student is enrolled, whichever is lesser. Liability shall terminate if the student’s domiciliary residence changes and that change occurs for twelve (12) months.”

Residents of Idaho

Residency status is determined when a student applies for admission and remains unchanged until the student supplies evidence to the contrary. To be classified as a resident the student, or for a dependent student the parent or legal guardians, must have established a domicile in the state of Idaho for 12 months prior to the beginning of the semester of enrollment. For tuition purposes, a student who is a permanent resident of the United States may be classified as a resident of the district by meeting one or more of the following qualifications:

1. Any student whose parents or court-appointed guardians are domiciled in the college district and provide more than 50 percent of his or her support. (Domiciled means an individual's true, fixed, and permanent home and place of habitation. It is the place where he or she lives without intending to establish a new domicile elsewhere). To qualify under this section, the parents or guardian must have resided continuously in the college district for 12 months preceding the opening day of the term for which the student matriculates.
2. Any student who receives less than 50 percent of his or her support from parents or legal guardians, who are not residents of the college district for voting purposes, and who has continuously resided in the college district for 12 months preceding the opening day of the term for which the student matriculates.
3. The spouse of a person who is classified or is eligible for classification as a resident of the college district for the purpose of attending the college.
4. A member of the armed forces of the United States, stationed in the college district on military orders.
5. A student whose parents or guardians are members of the armed forces and stationed in the college district on military orders and who receives 50 percent or more of his/her support from parents or legal guardians. The student, while in continuous attendance, shall not lose his/her residency when his/her parents or guardians are transferred on military orders.
6. A person separated, under honorable conditions, from the United States armed forces after at least two years of active service, who, at the time of separation, designates the college district as his/her intended domicile or who has the district as the home of record while in service and enters the college within one year of the date of separation.
7. Any individual who has been domiciled in the college district, has qualified and would otherwise be qualified under the provisions of this statute, and who is away from the district for a period of less than one calendar year and has not established legal residence elsewhere, provided a 12-month period of continuous residence has been established immediately prior to departure.

A student's residency status remains unchanged unless the student can provide evidence that he or she has established a permanent domicile in Idaho and has resided there for 12 consecutive months. To challenge a residency determination a student must complete a Residency Determination Worksheet along with documentation and submit it to Cardinal Central within 10 business days after the start of fall or spring term or 5 business days after the start of the summer session. The evidence must prove convincingly that residency was established 12 months before the beginning of the term. Students may appeal the residency re-determination decision by submitting a written appeal to Cardinal Central.

Idaho Residents – In-District

Idaho residents who reside in Kootenai, Ada, Bonneville, Canyon, Jerome, and Twin Falls counties are classified as in-district residents. Residency for these counties is determined by NIC. In-district residents pay the "district" tuition rate.

Idaho Residents – Non-District

Idaho residents who do NOT reside in Kootenai, Ada, Bonneville, Canyon, Jerome, and Twin Falls counties are classified as non-district residents. Non-district students may qualify for county support from their county of residence to cover the additional non-district tuition fees. To qualify for county support, non-district residents must file a Certificate of Residency with their home county auditor's office each academic year or each semester depending on the residence county. The Certificate of Residency forms are available at: nic.edu/residency, Cardinal Central, or the county auditor's office. The counties will notify NIC if the Certificate of Residency has been approved. If verification is not received from the student's home county, the student must pay non-district fees. Students who exceed the tuition benefit will be charged non-district tuition. Check with your county for further details. The county is obligated by state code to pay the out-of-district charge pursuant to Idaho State Code 33-2110A.

Tuition Reduction Programs

Washington State Residents

Washington state residents qualify for a reduction of a portion of the out-of-state tuition rate. Residency status is determined at the time of application to the college (see nic.edu/tuition for the current tuition and fees schedule).

Western Undergraduate Exchange

The Western Undergraduate Exchange Program (WUE) provides financial assistance to individuals interested in attending college out of their home states. The tuition rate is 150 percent of the non-district tuition rate. Students may not use any of the time accrued under the WUE program to establish residency in the state of Idaho. Residents from the following states are eligible for the WUE tuition rates (see nic.edu/tuition for the current tuition and fees schedule).

- Alaska
- Arizona
- California
- Colorado

- Commonwealth of the Northern Marianas Islands
- Federal States of Micronesia
- Guam
- Hawaii
- Marshall Islands
- Montana
- Nevada
- New Mexico
- North Dakota
- Oregon
- South Dakota
- Utah
- Wyoming

Registration and Records

Contact Information:

Cardinal Central
Web: nic.edu/cardinalcentral/
Email: cardinalcentral@nic.edu

The Registrar's Office coordinates all processes involved with class enrollments and the maintenance of student records. Other services such as transcript disbursement, degree evaluation and graduation, catalog production, athletic eligibilities, and academic standing determination are also processed in the Registrar's Office.

Registration

Registration is the official process of enrolling in classes. Fall and Spring semesters are scheduled for 16 weeks, followed by an 8-week summer session. The academic calendar contains all of the registration, add, drop, and withdrawal dates and deadlines.

Students register by assigned start times through Self Service via their MyNIC account. Appointment times for continuing students are determined by the number of credits completed prior to the current semester. New and transfer student registration dates may be found on the academic calendar. Students with financial or academic holds may not register until the hold(s) has been cleared. Student hold notifications may be viewed in their MyNIC account.

MyNIC: Student Portal

MyNIC is an online portal where students are able to access official college communication via Cardinal Mail; log in to their online classes using Canvas; and complete admissions, registration, financial aid, and student finance activity using Self Service. Additionally, MyNIC provides quick links for students to order official transcripts, access the college catalog, view final exam schedules, and more.

After being admitted to North Idaho College, students will receive MyNIC access information.

To log in to MyNIC:

1. Go to nic.edu and click “MyNIC.”
2. Click on the “New Students and Employees Start Here” button.
3. Follow the instructions to log in.
4. Access Self Service by clicking on the tile.
5. Access Cardinal Mail by clicking on the tile.

Questions about MyNIC should be directed to the North Idaho College Information Technology Help Desk at (208) 769-3280 or helpdesk@nic.edu.

Credit Load

Full-Time
A student enrolled in 12 or more credits in a term is classified as a full-time student.

Three-quarter Time
A student enrolled in 9-11 credits in a term is classified as a three-quarter time student.

Part-Time
A student enrolled in 6-8 credits in a term is classified as a part-time student.

Less Than Half Time
A student enrolled in 5 or less credits in a term is classified as a less than half time student.

Freshman and Sophomore Classification

Students with 25 or less completed semester credits are classified as freshmen, those with 26 or more are classified as sophomores.

Credit Enrollment Semester/Session Limits

Registering for an excessive number of credits may result in marginal performance. The credit limit is 18 for fall and spring semester and 7 for summer session. Students wanting to exceed these limits are required to request an overload petition from Advising Services.

Course Schedule Changes (Add/Drop)

The add/drop period allows students to add classes on a space-available basis or drop classes from their record. Dropping classes by the deadlines does not incur tuition and/or fees. Students can make schedule changes in Self Service or through Cardinal Central. Refer to the academic calendar for add and drop deadlines.

Active/Inactive Student

An active student is a student who registers in either the current or one of the two previous semesters/sessions (including Summer). A student becomes inactive if they do not register in either the current or one of the two previous semesters/sessions (including Summer). Inactive students must apply for readmission.

Audit

A student may enroll in many classes on an audit basis. Students are encouraged to attend classes on a regular basis even though they will not receive credit or a grade for the class. Audited courses do not fulfill graduation requirements, do not affect a student's grade point average, and are not eligible for financial aid or veteran's funding. The application process and tuition and fees for auditing a course are the same as a student enrolling for credit. With the instructor and division chair's permission, course enrollment may be changed from audit to credit up to 1/3 of the course length or 5 weeks for a full-length semester course and 3 weeks for a short term or late start course.

Students wishing to change their status in a course from credit to audit must complete an audit request form no later than the drop date for the course. Any request to change from credit to audit after this period must be approved by the appropriate instructional dean prior to the withdraw deadline. Contact Cardinal Central if you have questions or would like to change your course enrollment to an audit. A student can only change their course status once per course, either audit to credit or credit to audit.

Courses not approved for audit:

- Selective/Limited enrollment
- Art activity
- Physical Education activity
- Science laboratory

Attendance

Students are responsible for attending the courses in which they are enrolled. For face-to-face courses, students must attend at least one class period during the attendance-taking period to be reported as attended. A student who attended only one session is still counted as attending. For online courses, students must post to a discussion forum, submit an assignment, or complete an assessment to satisfy attendance requirements. Simply logging in to their online class is not considered attending.

Failure to attend during the first two weeks of a full-length semester course or the first week of short-term, late start, or summer course will result in a drop for non-attendance. If necessary, students' financial aid awards and veteran's benefits will be adjusted if they are dropped for non-attendance.

Withdrawing from Individual Courses

To withdraw, a student must log in to their MyNIC account, access Self Service, and withdraw from the course. Withdrawal deadlines are published on the academic calendar. After the deadline, students may appeal a late course withdrawal to the appropriate Instructional Dean. A student who officially withdraws by the deadline will have a W grade recorded on their official transcript. Students who stop attending and do not officially withdraw may receive a grade of F. Payment of tuition and fees is required for all courses when withdrawing.

Withdrawing from all Courses

To withdraw from all courses, a student must log in to their MyNIC account, access Self Service, and withdraw from all of their courses. Withdrawal deadlines are published on the academic calendar. Students who do not withdraw by the published deadline dates may petition the Admissions and Academic Standards Committee if there are extenuating circumstances by completing the Appeal Form. Students who stop attending and do not officially withdraw may receive a grade of F. Payment of tuition and fees is required for all courses when withdrawing.

Repeating a Course

Students may repeat any course provided they have not completed a more advanced course for which the first course is a prerequisite. While all grades earned remain on the official transcript, only the grade earned at North Idaho College for the most recent course attempt is calculated into the grade point average. Transfer courses may be considered your most recent grade for program requirements but will not be used in grade point calculations. Students should choose to audit if repeating a course as a refresher.

Note: Repeating a course may affect financial aid funding and may not be permitted if the course has already been used to earn a degree.

Registration and Records

Placement Assessment

Placement assessment scores are used to identify the courses students need to begin their studies at NIC. These scores are used for initial coursework placement, but not for admission unless required by a selective entry program. Students who are not able to provide ISAT, ACT, or SAT scores less than four years old are encouraged to complete the NIC placement assessments. Enrollment in courses with an English or math prerequisite (or equivalent placement scores) may also require completion of the placement assessment. For more information, visit nic.edu/placement.

Mathematics Placement

All students attempting to enroll in a college-level mathematics class may want to complete an NIC placement assessment if they believe their ISAT, ACT, or SAT scores do not accurately reflect their mathematical skills at the time of registration. Students with ISAT below 3, ACT below 20, or SAT below 520 are encouraged to complete an NIC placement assessment, or if they have experienced success in mathematics since completion of their ISAT, ACT, or SAT tests.

NIC Easy Math Placement

The NIC Easy Math Placement (NICE MP) is part of NIC's placement system, in conjunction with ALEKS. NICE MP is intended to place students in the right courses for a successful college experience. Student's intentional effort to honestly convey mathematical understanding will ensure the best math class for every new student. This is a free, non-proctored placement. It is not timed and can be taken at the student's convenience. Plan to spend up to 45 minutes on this placement; a calculator, paper, and pencil will likely be helpful to have at hand. For best results, one should plan to work out ALL the math questions presented.

All incoming students are encouraged to take NICE MP first. However, NICE MP is not a placement for challenging or skipping math classes. If a student wants to challenge an NICE MP placement or skip a class after take a class at the college, ALEKS may be used for such purposes. If students already have an ALEKS score, the NICE MP will not help them to improve their placement.

ALEKS

ALEKS is NIC's follow-up placement program, which is available for students who did not score as high as they had hoped on the SAT, ACT, or NICE MP but believe that dedicated practice time will substantially improve their placement. The ALEKS assessment is located inside the student's MyNIC account.

Students can choose to take the ALEKS assessment at the NIC Testing Center or at home with remote video proctoring. For more information on scheduling the assessment, visit the ALEKS Math Placement website. Students who want to improve their ALEKS score should plan to use the learning path upon completion of the ALEKS assessment (3-hour study time + 24-hour cool-off period required before retaking).

For additional information regarding NICE MP or ALEKS placements email mathedcenter@nic.edu or call the Math Education Center Coordinator at (208) 676-7139.

English Placement

The Write Class

The Write Class (TWC) is a free, unproctored online assessment for NIC English course placement. TWC may be accessed from any Internet browser at nic.thewriteclass.org.

If you have questions about placement assessments, contact the English and Humanities Division at (208) 769-3394.

Registration and Records

Grading Policies

Procedures

Instructors report final course grades using a letter +/- scale (Policy 5.04). Specialized programmatic accreditation standards supersede this procedure and those standards are published in program handbooks provided to students in those programs.

Letter grades are used to indicate a student’s quality of achievement in a given course. Each of the grades are also assigned an equivalency number, used to compute grade point averages:

Grading Procedures

LETTER	GPA	PERCENTAGE
A	4.00	93 - 100%
A-	3.70	90 - 92%
B+	3.30	87 - 89%
B	3.00	83 - 86%
B-	2.70	80 - 82%
C+	2.30	77 - 79%
C	2.00	73 - 76%
C-	1.70	70 - 72%
D+	1.30	67 - 69%
D	1.00	63 - 66%
D-	0.70	60 - 62%
F	0.00	0 - 59%
NG		No Grade

Other grades issued are W (withdrawal), I (incomplete work), P or S (pass or satisfactory – requires at least C or 2.00 work; used for designated courses only and for midterm grades), U (unsatisfactory for S/U grade scheme), and AU (audit). Courses in which W, P, S, U, AU, or I grades have been issued are not included in grade point calculations.

Students wishing to check their grade point averages should use the following formula: Per credit grade equivalency x number of credits per class ÷ grade points = GPA. For example, a student receives a grade of B- in English 101 and a grade of C in Math 108:

English 101 (B-): 2.70 x 3 credits = 8.1 grade points
Math 108 (C): 2.00 x 4 credits = 8.0 grade points
8.1 + 8.0 = 16.1 grade points ÷ 7 credits = 2.30 GPA

Requesting a Grade Change

Students should follow the guidelines below to address final grade concerns:

1. Discuss the issue with the instructor to seek resolution or to identify steps for addressing an academic concern. If the problem is not resolved to the student's satisfaction, the student should determine the immediate supervisor of the faculty member, typically the division chair.
2. Arrange for a meeting with the division chair and be prepared to explain the situation, indicate concerns, and suggest possible solutions. If unresolved, the student may further pursue review by petitioning the dean.
3. Concerns still unresolved after meeting with the instructor, division chair, and dean can then be communicated to the Provost's Office.

Requests for grade changes must occur within 30 days of the start of the next term. For contact information, select the appropriate division from the department directory at nic.edu/divisions.

Incomplete Grades

Incomplete grades are issued to students needing additional time to complete their coursework. Incomplete grades are not issued if the student is simply unable to complete their work within the specified semester or session.

- Students must request an incomplete grade from their instructor.
- Incomplete grades are issued only in cases of extenuating circumstances, such as severe illness or injury.
- Student must be in attendance and have done satisfactory work within three weeks of the end of the semester or a proportional length of time for a course less than a semester in length.

If an incomplete grade (I) is recorded, the instructor will indicate in writing to the Registrar’s Office what the student must do to make up the deficiency. The instructor will also indicate the final grade that will be earned if the incomplete is not removed by the deadline.

All incomplete grades must be changed within six weeks after the first day of the following term, excluding the summer session. If the incomplete grade is not changed by that date, the final grade earned will be the one indicated in the instructor’s written statement authorizing the incomplete grade. Incomplete grades may affect financial aid eligibility and may prevent the awarding of certificates or degrees.

Academic Standings

Dean’s List

To qualify for the Dean’s List, students must complete at least 12 credits in a term and earn a semester GPA of 3.75 or higher.

Probation, Suspension, and Disqualification

This policy applies to any student enrolled in one or more credit hours at the end of the add/drop period for fall and spring semesters, and summer session. Students, staff, and faculty have a shared responsibility to follow this policy in the interest of upholding standards of academic performance and achieving educational outcomes. Students who are placed on probation, suspension, or disqualification will be notified by the Registrar's Office after final grades are posted for each semester/session. Students must maintain a minimum cumulative grade point average (GPA) of 2.00 to be in good academic standing. Students who do not meet this standard will be placed on academic probation, suspension, or disqualification as defined below.

Students on probation, suspension, or reinstatement from disqualification who raise their cumulative GPA to at least the minimum 2.00, will return to good academic standing. Students on probation, suspension, or reinstatement from disqualification must have the approval of a designated advisor to register each semester until good standing is achieved.

This policy is separate from all financial aid policies governing satisfactory academic progress. Students should contact the Financial Aid Office for those policy details and requirements.

Academic Probation

Students whose cumulative GPA is below 2.00 will be placed on academic probation. Students on probation who earn a semester GPA of at least 2.00 will be placed on continued probation until their cumulative GPA is at least 2.00. Students on probation who do not earn a semester GPA of at least 2.00 will be placed on academic suspension.

Academic Suspension

Students placed on academic suspension may not enroll in classes for one semester, excluding Summer Session. Students may petition the Admissions and Academic Standards Committee to return the following semester. Students approved for reinstatement must satisfy any conditions required by the Admissions and Academic Standards Committee.

Academic Disqualification

Students placed on academic disqualification must petition the Admissions and Academic Standards Committee in order to enroll in the future. Students approved for reinstatement must satisfy any conditions required by the Admissions and Academic Standards Committee.

Registration and Records

Academic Appeals

Students should follow the guidelines below to address late withdrawal appeals and reinstatement to enroll following suspension and disqualification. Note: There are specific program appeal processes and procedures in fields such as Health Professions and Nursing. If you are enrolled in one of these programs, please check with your advisor or division chair regarding the details.

Admissions and Academic Standards

Petition the Admissions and Academic Standards Committee for consideration of late withdrawal appeals from all courses within a term or reinstatement to enroll following suspension and disqualification. For late withdrawal requests from a single course, refer to the Withdrawing from Individual Courses section. Petitions for late withdrawal appeals must be submitted within two years from the semester in which the late withdrawal is being requested. Students who wish to appeal should complete an Admissions and Academic Standards Appeal form. Furthermore, students may appeal decisions rendered by the Academic Standards and Appeals Committee by preparing a written Statement of Appeal and any supporting documentation. Submit the documents to the Office of the Dean for Enrollment Services within seven business days of receiving the committee's decision.

The Statement of Appeal must contain the following information:

- Student's name, local address, and telephone number.
- Statement of concerns regarding the original decision.
- Arguments supporting the student's position.
- Proposed resolution.
- All relevant supporting documentation.

The Dean of Enrollment Services will review the submission, conduct any inquiries, and respond with a written decision to the student within 15 working days. This decision is final.

Instructional Petitions

The information below guides students on addressing academic integrity petitions, concerns about an instructor, grade changes, and course substitutions.

Students should follow the procedure outlined in 5.06.01 Academic Integrity to appeal decisions regarding academic integrity sanctions. Students should follow the procedure outlined in 5.16 Student Complaints and Concerns to address concerns about an instructor or other instructional concerns. To petition for a grade change students should follow procedure 5.04 Grading. Each of these procedures has specific steps and deadlines.

Students should contact the respective Division Chair to discuss course substitutions. Contact information for Division Chairs can be located in the division directory. For INTR-250 course substitutions, contact the Dean of Instruction for General Studies. Academic advisors or Cardinal Central will provide students with staff contact information for course substitution requests.

Academic Renewal

With the principle of encouraging and rewarding determination, self-discipline, and achievement, North Idaho College will allow a student to petition for academic renewal under the following conditions:

1. Renewal may only be petitioned once, for one or two consecutively enrolled semesters, with one year or less between the two semesters.
2. At the time the petition is filed, a minimum of one year must have elapsed since the most recent course work to be disregarded was completed.
3. Before the petition may be filed, the student must complete at least 12 semester hours of course work at North Idaho College with a minimum 2.50 grade point average (GPA) after the disregarded semester(s).
4. Renewal will not be granted for individual courses within a term.
5. Students holding an associate's or bachelor's degree are not eligible for academic renewal.

Requirements for consideration:

- A completed petition for academic renewal form must be filed with Cardinal Central.
- No more than two consecutive terms (with one year or less between the two semesters) of substandard work, below 2.00, may be disregarded from the computation of credits, grade points, academic standing and eligibility for graduation.
- Work from other accredited colleges will not be considered for calculating the GPA.
- When coursework is disregarded, the student's academic record will be annotated; all coursework remains on record, ensuring a true and complete academic history. Academic renewal actions are irreversible.

Since this is a policy of exception, no exceptions will be made to the stated conditions above. The Registrar, Dean of Enrollment Services or their designee is the designated authority for approval of academic renewal. Academic renewal by North Idaho College does not guarantee that other institutions will approve such action. The determination will be made by the respective transfer institutions.

Registration and Records

Alternate Credit

Alternative Credit Awarded

No more than 24 credits earned by correspondence or examination may count toward an associate's degree.

NIC Credit by Exam

A student may petition to challenge courses based on work done through private study and/or employment, or to validate courses taken at non-accredited institutions. Students are not permitted to challenge a prerequisite course after having completed an advanced course. Credit by examination is not financial aid eligible and will not be granted for a course that a student has previously taken for credit or audited. Credit will be granted provided the student earns a grade of C or higher. Neither grades nor credit earned through this challenge process will be counted in any given semester to determine credit load or grade point average, nor will they be included in computing cumulative grade point averages. Students may challenge a course prior to or during enrollment in a course through the second week of fall or spring semester, or through the first two days of a short course or summer session. Contact Cardinal Central for more information.

Credit for Prior Learning

Credit for prior learning (CPL) may be awarded to enable professional-technical students to enrich or accelerate their programs of study. CPL credit is awarded for the achievement of an advanced level of knowledge and/or skill outside of college coursework. The learning must be documented, demonstrable, college-level, currently applicable, and be equated to specific course outcomes in the college curriculum. Contact the Dean of Career and Technical Programs for more information.

Modern Language Placement

One full year of high school study in a modern language is generally considered equivalent to one semester's work in college. To receive college credit for high school or independent work, a student must take a vertical placement examination in the target language and complete the next semester advanced level with a grade of C or higher at North Idaho College. Placement in and completion of the second elementary level or first intermediate level will enable a student to receive credit for the first elementary level; placement in and completion of the second semester intermediate level will enable a student to receive credit for the first three semesters of the target language once appropriate paperwork has been completed and fees have been paid. Credit awarded may or may not transfer. We recommend students contact the college they plan to attend. Contact Cardinal Central for more information.

Advanced Placement (AP) Examination

Upon completion of a high school AP course, students can complete a national exam and be awarded credit based on the score. For more information, visit the College Board AP website.

NIC awards credit for the following AP exams:

EXAM	SCORE	NIC EQUIVALENT COURSE	CREDITS
Drawing	3, 4, 5	ART-111 Drawing I	2
2D Design	3, 4, 5	ART-121 2-D/Design Foundations	3
3D Design	3, 4, 5	ART-122 3-D/Design Foundations I	3
Art History	3, 4, 5	ART-100 Introduction to Art	3
Music Theory	3, 4, 5	TRMT-100 Transfer Music Theory	3
Language & Composition	3, 4	ENGL-101 Writing and Rhetoric I	3
	5	ENGL-101 Writing & Rhetoric I **AND** ENGL-102 Writing & Rhetoric II	6
Literature & Composition	3, 4, 5	ENGL-175 Literature and Ideas	3
European History	3, 4, 5	HIST-102 World History II	3
Macroeconomics	3, 4, 5	ECON-201 Principles of Macroeconomics	3
Microeconomics	3, 4, 5	ECON-202 Principles of Microeconomics	3
Psychology	3, 4, 5	PSYC-101 Introduction to Psychology	3
US Government & Politics	3, 4, 5	POLS-101 American National Government	3
US History	3, 4, 5	HIST-111 United States History I **AND** HIST-112 United States History II	6
World History: Modern	3, 4, 5	HIST-101 World History I **AND** HIST-102 World History II	6
Precalculus	3, 4, 5	MATH-143 Precalculus I: Algebra **AND** MATH-144 Precalculus II: Trigonometry **OR** MATH-147 Precalculus	5
Calculus AB	3, 4, 5	MATH-170 Calculus I	4
Calculus BC	3, 4, 5	MATH-170 Calculus I **AND** MATH-175 Analytic Geometry & Calculus II	8
Computer Science A	3, 4, 5	CS-150 Computer Science I	4
Computer Science Principles	3, 4, 5	CS-115 Introduction to Problem Solving and Programming	3
Statistics	3, 4, 5	MATH-253 Statistical Methods	3
Biology	3, 4, 5	BIOL-100 Concepts of Biology (no lab)	3
Chemistry	3	CHEM-101 **w/ Lab** Introduction to Chemistry	4
	4, 5	CHEM-111 **w/ Lab** General Chemistry **AND** CHEM-112 **w/ Lab** Principles of General College Chemistry II	10
Environment Science	3, 4, 5	TRSE-100 Transfer Science (no lab)	3
Physics I: Algebra Based	3, 4, 5	TRG4-100 Transfer Science (no lab)	3
Physics II: Algebra Based	3, 4, 5	TRG4-100 Transfer Science (no lab)	3
Physics C: Electricity & Magnetism	3, 4, 5	TRG4-100 Transfer Science (no lab)	3
Physics C: Mechanics	3, 4, 5	TRG4-100 Transfer Science (no lab)	3
French Language & Culture	3	FREN-101 Elementary French I FREN-102 Elementary French II	8
	4	FREN-101 Elementary French I FREN-102 Elementary French II FREN-201 Intermediate French I	12
	5	FREN-101 Elementary French I FREN-102 Elementary French II FREN-201 Intermediate French I FREN-202 Intermediate French II	16
German Language & Culture	3	GERM-101 Elementary German I GERM-102 Elementary German II	8

EXAM	SCORE	NIC EQUIVALENT COURSE	CREDITS
	4	GERM-101 Elementary German I GERM-102 Elementary German II GERM-201 Intermediate German I	12
	5	GERM-101 Elementary German I GERM-102 Elementary German II GERM-201 Intermediate German I GERM-202 Intermediate German II	16
Japanese Language & Culture	3	JAPN-101 Elementary Japanese I JAPN-102 Elementary Japanese II	8
	4	JAPN-101 Elementary Japanese I JAPN-102 Elementary Japanese II JAPN-201 Intermediate Japanese I	12
	5	JAPN-101 Elementary Japanese I JAPN-102 Elementary Japanese II JAPN-201 Intermediate Japanese I JAPN-202 Intermediate Japanese II	16
Italian Language & Culture	3	ITAL-101 Elementary Italian I ITAL-102 Elementary Italian II	8
	4	ITAL-101 Elementary Italian I ITAL-102 Elementary Italian II TRFL-201 Intermediate I Foreign Language Transfer	12
	5	ITAL-101 Elementary Italian I ITAL-102 Elementary Italian II TRFL-201 Intermediate I Foreign Language Transfer TRFL-202 Intermediate II Foreign Language Transfer	16
Spanish Language & Culture	3	SPAN-101 Elementary Spanish I SPAN-102 Elementary Spanish II	8
	4	SPAN-101 Elementary Spanish I SPAN-102 Elementary Spanish II SPAN-201 Intermediate Spanish 1	12
	5	SPAN-101 Elementary Spanish I SPAN-102 Elementary Spanish II SPAN-201 Intermediate Spanish I SPAN-202 Intermediate Spanish II	16
Chinese and Latin	3	TRFL-101 Elementary I Foreign Language Transfer TRFL-102 Elementary II Foreign Language Transfer	8
	4	TRFL-101 Elementary I Foreign Language Transfer TRFL-102 Elementary II Foreign Language Transfer TRFL-201 Intermediate I Foreign Language Transfer	12
	5	TRFL-101 Elementary I Foreign Language Transfer TRFL-102 Elementary II Foreign Language Transfer TRFL-201 Intermediate I Foreign Language Transfer TRFL-202 Intermediate II Foreign Language Transfer	16

College Level Examination Program (CLEP) Examination

All students can be awarded credit for a CLEP exam based on the score. For more information, visit the College Board CLEP website.

NIC awards credit for the following CLEP exams:

EXAM	SCORE	NIC EQUIVALENT COURSE	CREDITS
American Government	50	POLS-101 American National Government	3
History of US: Early Colonization to 1877	50	HIST-111 United States History I	3
History of US: 1865 to Present	50	HIST-112 United States History II	3
Human Growth Development	50	PSYC-205 Developmental Psychology	3
Introduction to Psychology	50	PSYC-101 Introduction to Psychology	3
Introduction to Sociology	50	SOC-101 Introduction to Sociology	3
Principles of Macroeconomics	50	ECON-201 Principles of Macroeconomics	3
Principles of Microeconomics	50	ECON-202 Principles of Microeconomics	3
Western Civ I: Ancient Near East to 1648	50	HIST-101 World History I	3
Western Civ II: 1648 to Present	50	HIST-102 World History II	3
American Literature	50	ENGL-277 Great American Writers I	3
Analyzing and Interpreting Literature	50	ENGL-175 Literature and Ideas	3
College Composition	50	ENGL-101 Writing and Rhetoric I	3
English Literature	50	ENGL-267 Survey of English Literature	3
Humanities	50	HUMS-101 Introduction to the Humanities	3
Biology	50	BIOL-100 Concepts of Biology (no lab)	3
Calculus	50	MATH-170 Calculus I	4
Chemistry	50	TRSE-100 Transfer Science (no lab)	3
College Algebra	50	MATH-143 Precalculus I: Algebra	3
College Mathematics	50	MATH-123 Math in Modern Society	3
Natural Sciences	50	TRSE-100 Transfer Science (no lab)	3
Precalculus	50	MATH-147 Precalculus	5
Financial Accounting	50	ACCT-201 Principles of Accounting	3
Introductory Business Law	50	BUSA-265 Legal Environment of Business	3
Principles of Management	50	BUSA-211 Principles of Management	3
Principles of Marketing	50	BUSA-221 Principles of Marketing	3
French: Levels 1 & 2	50	FREN-101 Elementary French I FREN-102 Elementary French II	8
	59	FREN-101 Elementary French I FREN-102 Elementary French II FREN-201 Intermediate French I	12
German: Levels 1 & 2	50	GERM-101 Elementary German I GERM-102 Elementary German II	8
	59	GERM-101 Elementary German I GERM-102 Elementary German II GERM-201 Intermediate German I	12
Spanish: Levels 1 & 2	50	SPAN-101 Elementary Spanish I SPAN-102 Elementary Spanish II	8
	59	SPAN-101 Elementary Spanish I SPAN-102 Elementary Spanish II SPAN-201 Intermediate Spanish I	12
Spanish w/ Writing: Levels 1 & 2	50	SPAN-101 Elementary Spanish I SPAN-102 Elementary Spanish II	8
	65	SPAN-101 Elementary Spanish I SPAN-102 Elementary Spanish II SPAN-201 Intermediate Spanish I SPAN-202 Intermediate Spanish II	16

DANTES Subject Standardized Tests (DSST)

EXAM	SCORE	NIC EQUIVALENT COURSE	CREDITS
Astronomy	400	PHYS-103 Elementary Astronomy	3
Business Ethics and Society	400	BUSA-234 Ethical Conduct in Business	3
Criminal Justice	400	CJ-103 Introduction to Criminal Justice	3
Environmental Science	400	ENSI-119 Introduction to Environmental Science	3
General Anthropology	400	ANTH-100 Introduction to Anthropology	3
Introduction to Geology	400	GEOL-101 Physical Geology	3
Introduction to Business	400	BUS-101 Introduction to Business	3
Lifespan Developmental Psychology	400	PSYC-205 Developmental Psychology	3
Math for Liberal Arts	400	MATH-123 Math in Modern Society	3
Personal Finance	400	BUSA-180 Personal Finance	3
Principles of Physical Science	400	PHYS-101 Fundamentals of Physical Science	3
Principles of Statistics	400	MATH-153 Statistical Reasoning	3
Technical Writing	400	ENGL-202 Technical Writing	3

International Baccalaureate

Students can be awarded credit for International Baccalaureate exams in certain subject matters. For more information visit: www.ibo.org.

NIC awards credit for the following IB exams:

EXAM	SCORE	NIC EQUIVALENT COURSE	CREDITS
Biology	5	BIOL-115 Introduction to Life Science	4
Business	5	BUSA-101 Introduction to Business	3
Chemistry	5 Standard Level	CHEM-111 Principles of College Chemistry I CHEM-112 Principles of College Chemistry II	4 5
Computer Science	5 Standard Level	CS-150 Computer Science I	3
Computer Science	5	CS-160 Computer Science II	3
English	5	ENGL-175 Introduction to English Literature	3
Environmental Science	5 Standard Level	ENSI-119 Intro to Environmental Science	3
Geography	5 Standard Level	Elective	3
Geography	5	Elective	3
History/American	5	HIST-111 US Hist: Discovery-Reconstruction HIST-112 US Hist: Gilded Age-The Present	3 3
History/World/European	5	HIST-101 History of Civilization to 1500 HIST-102 History of Civilization since 1500	3 3
Mathematics*	4 5 6	MATH-143 College Algebra MATH-160 Survey of Calculus MATH-170 Analytical Geometry and Calculus I	3 4 4
Music	5	MUS-101 Survey of Music	3
Physics	5	Elective	6
Psychology	4	PSYC-101 Introduction to Psychology	3
Social Anthropology	4	ANTH-102 Intro to Social and Cultural Anthropology	3

*NICE MP, ACT, SAT, or other assessments are required for placement.

Registration and Records

Graduation

Students may graduate upon completion of all requirements of their program of study at the end of any term. A commencement ceremony is held once each year in May. Students eligible to participate in commencement are graduates from the previous fall or students who plan to graduate in the spring or summer semesters.

A student must submit a graduation application whether or not they plan to participate in the commencement ceremony. Students are encouraged to submit their graduation applications by **November 1** for Spring Semester, **March 1** for Summer Session, or **May 1** for Fall Semester. Applications are accepted through the last week of the term. Early filing enables the Registrar's Office to evaluate a student's audit/transcript and determine any deficiencies (course, grade, etc.) in the program of study in course changes are needed. A diploma will not be issued if a student has not fulfilled all financial obligations to the college.

Final Credits Earned and Exceptions

Candidates for certificates or an associate's degree must earn a minimum of 12 credits at North Idaho College toward the certificate or degree. In cases where the certificate requires fewer than 12 credits, a minimum of six credits must be earned at North Idaho College.

Effective Catalog of Requirements

The program requirements listed in the catalog in effect at the time of admission will be used to determine the associate's degree or certificate requirements for graduation. This catalog used for program requirements must be less than four years old. If a student does not enroll for a period of at least one year, the catalog year of readmission will be in effect. A student whose catalog has expired should meet with their academic advisor to review and determine a new catalog year. Students must submit a program update form to update their catalog year.

Prior Bachelor's Degree and General Education

Students who submit official documentation of a bachelor's degree from an accredited (from an approved association) institution will be considered to have met all general education requirements. Students pursuing a program after completing a bachelor's degree from an accredited institution will be evaluated on a course-by-course basis as appropriate for any program prerequisites or requirements, including course grades, in effect at the time of admission.

Registration and Records

Transcripts

The transcript is a record of all courses for which a student enrolled and completed each semester. This document includes credit hours, including semester and overall totals, final grades in each course, any course withdrawals, notations for course repeats, any transfer credit and courses including exam credit, semester grade point averages, and a cumulative/overall grade point average. Transcripts are permanent records and maintained forever.

Requests for Transcripts

Transcript requests must be made online through our vendor, the National Student Clearinghouse. Federal regulations require that transcript requests be signed by the student to authorize the release of the transcript. Payment must be received prior to sending a transcript. Transcripts are not issued for most outstanding financial balances and for most financial holds. Transcript production time is usually 1-3 business days during the term. Please allow up to 10 business days at the completion of each term.

Unofficial transcripts are available at no charge through MyNIC. If access no longer exists, please request an official transcript.

Transcripts from Other Schools

Copies of transcripts from other institutions requested by students for admission purposes will not be issued. These transcripts become part of a student's permanent file. Students should contact the institutions directly for a copy of their official transcript.

Financial Aid Overview

Contact Information:

Cardinal Central
Web: nic.edu/cardinalcentral/
Email: cardinalcentral@nic.edu

Financial aid funding assists students in offsetting the cost of a college education including tuition and fees, room and board, books, supplies, transportation, and miscellaneous expenses. Gift funding may be in the form of grants and scholarships. Self-help funding is aid in the form of student loans and also includes money that may be earned through the college work-study programs.

Funding Sources

Source of Funding	Eligibility Requirements	Maximum Amounts
GRANTS		
Federal Pell Grant (PELL)	An undergraduate student who has NOT received a bachelor's degree.	The maximum award for the school year is $7,395 (based on the student's number of eligible Title IV credits).
Federal Supplemental Educational Opportunity Grant (FSEOG)	An undergraduate student who demonstrates exceptional financial need.	The Financial Aid Office determines the award amount.
Cardinal Grant	Determined by various NIC departments.	The maximum award cannot exceed the cost of tuition and fees. Awarded by various NIC departments.
SCHOLARSHIPS		
	Complete the NIC Foundation Scholarship Application. Determined by the donor. Awarded by the various NIC Scholarship Committees.	Determined by the donor. Scholarship information is available on the website.
LOANS		
Federal Direct Subsidized Stafford Loan	At least half-time (6 eligible credits) enrollment.	The maximum award for students completing 0-25 credits is $3,500. Maximum award after 26+ credits is $4,500.
Federal Direct Unsubsidized Stafford Loan	At least half-time (6 eligible credits) enrollment.	The maximum award for dependent students is $2,000 with subsidized eligibility or $5,500 without subsidized eligibility. The maximum award for independent students is $6,000 with subsidized eligibility or $10,500 without subsidized eligibility.
Federal Direct Parent Plus Loan (Parent Loan)	At least half-time (6 eligible credits) enrollment.	Parents may borrow up to the cost of education minus previously awarded financial aid.
WORK-STUDY		
Federal Work-Study	At least half-time (6 eligible credits) enrollment.	The Financial Aid Office determines the maximum.
Idaho Work-Study Must be an Idaho resident	At least half-time (6 eligible credits) enrollment.	The Financial Aid Office determines the maximum.

Financial Aid Overview

Applying for Financial Aid

To apply for scholarships and Federal Student Aid, the student and their parent(s) (if dependent) must complete the Free Application for Federal Student Aid (FAFSA).

To complete the FAFSA and apply for scholarships, follow the steps below:

With the Department of Education

- The student and a parent(s) (if dependent) must create a Federal Student Aid ID (FSAID).
- Fill out the FAFSA using the student's FSAID. (NIC's school code is 001623).

Scholarship Opportunities

- Students interested in scholarships must complete the Scholarship Application available through their MyNIC account by choosing the *NIC Foundation Scholarship Application* tile at the top of their MyNIC home page.
- Scholarships offered through the State of Idaho, for Idaho residents only, may be accessed by visiting the Idaho Scholarships website.

For Loans

- Any loans offered must be accepted or declined electronically by logging on to your Self-Service Financial Aid tab to review and accept your financial aid award offer.
- Entrance Counseling and Master Promissory Notes must be completed at Federal Student Aid.

- Students interested in an unsubsidized loan can apply using the *Request a Loan* feature in your Self-Service Financial Aid Tab by clicking on the Financial Aid link under the NIC logo in the upper left.
- Students receiving student loans (subsidized and unsubsidized) as part of their financial aid offer will receive their disbursement in two increments per semester. Check the college calendar for disbursement dates.

Additional Financial Aid Information

- If you are asked to provide supplemental documentation to complete your financial aid file, you will be notified via your Cardinal Mail.
- Once you have been awarded aid, you will be notified via your Cardinal Mail. You can then view and accept your award by logging in to your Self Service Financial Aid tab.
- Students who have accepted financial aid that is greater than their charges are allowed to purchase books and supplies at the NIC Cardinal Bookstore using their anticipated financial aid. Refer to the college calendar to determine when this is available to students each semester.

For more information, visit the Financial Aid website.

Financial Aid Overview

North Idaho College awards most financial aid based on *financial need.*

Eligibility for *need-based* financial aid is calculated by the student's computed financial need, as established by the U.S. Department of Education. Financial need represents the difference between the total cost of attendance and the amount the student and their family can afford to pay toward that cost—the Expected Family Contribution (EFC). The total cost of attendance includes allowances for the cost of tuition and fees, books, supplies and tools, room and board (or rent and food), living expenses, and transportation. The EFC is calculated by using information the student and their parents (if dependent on parents) or spouse (if married) provide on the Free Application for Federal Student Aid (FAFSA) and verification documents.

To be eligible for Federal Student Aid – need- or non-need-based – a student must:

- Complete the FAFSA for the current academic year.
- Have a high school diploma or GED certificate.
- Be accepted for admission into North Idaho College as a matriculated (degree-seeking) student.
- Not be in default on a Federal Perkins Loan, Federal Direct Loan, or Federal Direct Parent Plus Loan for Undergraduate Students. Not owe an overpayment on a Federal Pell Grant.
- Be a U.S. citizen, U.S. national, or eligible non-citizen.
- Maintain Satisfactory Academic Progress toward their North Idaho College program as defined by the North Idaho College Satisfactory Academic Progress Policy.

Financial Aid Overview

Satisfactory Academic Progress Policy

The U.S. Department of Education requires students to maintain satisfactory progress toward their degree or certificate to be eligible for financial aid. This requirement applies to students who are applying for financial aid the first time and to those who are currently receiving aid. All semesters of attendance are reviewed, including periods when the student did not receive financial aid.

Please review NIC's Satisfactory Academic Progress Policy.

Title IV Federal Financial Aid Refund and Repayment Policy

The federal refund/repayment policy for students receiving Title IV Federal Financial Aid is different than the established North Idaho College refund policy.

Anyone wishing to obtain a copy of the federal policy and/or calculation examples may stop by Cardinal Central or access the information from the college's website.

Financial Aid Refund/Withdraw Policy

Federal Student Aid is earned by the number of days you attend each semester. If you withdraw from or stop attending your classes prior to the end of the semester, North Idaho College is required to determine how much Federal Student Aid was earned and if a portion needs to be returned to the Department of Education. This process is called a Return to Title IV (R2T4) calculation.

For more information, visit the Financial Aid website.

Consumer Information

Federal regulations require that institutions provide specific consumer information about the school and about financial aid to enrolled and prospective students. Visit NIC's Student Consumer Information page to view websites or addresses for required disclosures. The personnel responsible for providing consumer information is the North Idaho College Financial Aid Office.

Contact Information:

Cardinal Central
Web: nic.edu/cardinalcentral/
Email: cardinalcentral@nic.edu

Tuition and fees at North Idaho College are among the lowest in Idaho and the Inland Northwest. All rates listed on the Tuition and Fees webpage are subject to change without notice.

Any person attending a class must be a registered student. By registering for classes, a student incurs a legal obligation to pay tuition and fees. Regardless of whether a student pays tuition and fees with cash, personal check, credit card, financial aid, or by some other means, it is the student's responsibility to satisfy the financial obligation. Tuition, fees, and any special fees must be paid on or before the due date noted on the payment screen when registering online, unless financial aid has been approved. This includes any funds received through the Financial Aid Office involving over-payments, refunds, or delinquent loans. Students will be responsible for collection costs and legal fees added if the services of a collection agency are utilized for unpaid balances.

Payment of regular student fees entitles the student to the services maintained by NIC for the benefit of students. No reduction in fees can be made for students who may not desire to use these services. Some courses and special services have additional fees. For fee paying purposes, full-time status is defined as 12 or more credit hours per semester.

Students who are eligible for financial aid, but who have not completed the financial aid application process prior to registration, will be expected to pay all required charges on or before the due date.

North Idaho College will not impose any penalty, including assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because the individual's inability to meet their financial obligations to the institution due to the delayed disbursement funding from the Department of Veterans Affairs under Chapter 31 or 33. A covered individual is any individual who is entitled to educational assistance under Chapter 31, Veteran Readiness and Employment, or Chapter 33, Post 9/11 VA education benefits.

Idaho residents not living in Kootenai County must submit a Certificate of Residency to receive county support. The county waiver is applicable to the first 10 credits biller per semester. The county waiver is a maximum of $500 per semester, with a lifetime cap of $3,000.

Books and supplies for academic transfer programs are estimated at $500 per semester. Career and technical education programs may have additional costs of books, supplies, and tools which may vary from $500 to $3,000 per year.

Tuition and fees are established annually by the NIC Board of Trustees. Interested persons may inquire at Cardinal Central for applicable rates and payment information. NIC reserves the right at any time to change its charges. In the unlikely event that such changes become necessary, NIC will endeavor to give advance notice.

General and Special Fees

General Fees

General fees are paid as part of tuition and fees. These fees are mandatory charges assessed to every student. General fees are charged at a rate of $40 per credit, up to a maximum of 12 credits ($480). A detailed listing of the General Fees can be found on the Tuition and Fees webpage.

Course Fees

Some classes have additional course fees (lab fees, etc.). Course fees are subject to change without prior notification. Students enrolling in classes with course fees must pay these fees. Course fees are subject to the same payment due dates established by the College for tuition and fees. If course fees are incurred as a result of adding class(es), the additional course fees are due and payable at the time of registration.

Late Fees

All tuition, housing and meals, as well as other fees, are due the day before the first day of the term. A $50 late payment fee will be assessed to accounts that are not paid in full, or do not have a signed payment plan contract, the day after the published 100% refund date.

Senior Citizens' Fees

North Idaho College offers a special rate to non-degree seeking individuals who are 60 years or older and United States citizens, prior to the start of the class. The senior citizen rate for non-degree credit classes is $25 per class plus $5 per credit.

Fees for non-credit courses, materials, books, or special fees are full price. Degree-seeking seniors will pay full tuition rates for all courses.

Deposits

Program Deposits

Deposits made to competitive entry programs will be applied to tuition and fee charges for the initial semester or term of enrollment. All program deposits are non-refundable. No refund will be given if a student withdraws after the prescribed deadline.

Residence Hall Deposits

A $200 deposit will be due in order to be considered for a room. The deposit is not to be construed as partial payment for room and board. This deposit serves as a guarantee against loss and breakage of residence hall equipment and furniture. The deposit remains in effect through the period of application and residency. All students who fulfill the terms of the contract after occupancy will receive a refund of their deposit within four weeks after checking out of the resident hall (less any deductions for losses, damages, fines, or monies owed to the college).

Study Abroad Trip Deposit

The Study Abroad class (WOCU-207) takes a trip to Europe each spring. This $300 deposit will be used to guarantee the student a spot on the trip. The deposit will be applied to the fee charge for the class which helps pay for the transportation costs. If the tuition and fees are paid in full, paid by financial aid, or paid by a third-party sponsor, the deposit will be refunded to the student to use on their trip.

Tuition Payment Plan

Students may setup a payment plan for their current semester balance on their Self-Service Student Finance page. Payments will be drafted once a month based on the option selected. Payment plan selection must be completed before midnight on the 100% refund date. The 100% refund date for each term may be found on the academic calendar.

North Idaho College Refund Policy

Students who officially drop from all classes at North Idaho College prior to the published 100% refund date, may be entitled to a partial refund of their tuition and fees. If financial aid paid a portion of those charges, then a portion of the refund must be returned to the federal financial aid funds. Students with questions should visit with staff at Cardinal Central prior to dropping their classes. Should a class be canceled, students will receive a full refund for the class.

Refunds for Drops from Full-length Semester Courses

Students who drop full-length semester courses will, upon dropping the course(s) in Student Planning, receive refunds as follows:

Fall or Spring Semester

If you drop from one or all of your classes by 11:59 p.m. on the third Tuesday after the first day of the Fall or Spring Semester, you will receive a 100 percent refund.

Summer Session

If you drop from one or all of your classes by 11:59 p.m. on the second Tuesday after the first day of the Summer Session, you will receive a 100 percent refund.

Refunds for Drops from Short-Term or Late Start Courses

Students who drop short-term or late start courses (less than 15 weeks in length) will, upon dropping the course(s) in Student Planning, receive refunds as follows:

Fall, Spring, or Summer

If you drop from one or all of your classes by 11:59 p.m. on the second Tuesday after the first day of the class, you will receive a 100 percent refund.

Refunds for Students Called to Active Military Service

Members of the Idaho National Guard and Reserve serve a vital function for our country. In the event that members of the National Guard or Reserve are called involuntarily to active duty, they will be administratively dropped with a grade of W from classes and any tuition and fees paid will be refunded in full. Copies of orders calling a student to active duty must be provided to the Veterans Administrative Coordinator who will initiate the administrative withdrawal from classes and the refund process.

Academic Advising

Contact Information:

Web: nic.edu/advising/
Email: advising@nic.edu

Advising Services teaches and empowers students to be successful in the discernment and achievement of their educational and professional goals. With a focus on providing academic advising for students and making effective referrals to faculty advisors, it is Advising Services' mission to provide strategic and operational leadership to ensure institutional fulfillment of the advising mission.

The mission of advising at North Idaho College is to empower and educate students to clarify their academic interests, make informed decisions, and set and achieve goals for lifelong learning and professional success.

Advising at North Idaho College is an intentional, collaborative, and inclusive process. With a holistic approach, faculty and professional advisors partner with students in meeting the essential learning outcomes, supporting academic success, and outlining the steps for achievement of the students' personal, academic, and career goals.

North Idaho College employs a decentralized advising model, with every degree-seeking student assigned at least one advisor aligned with the student's program of study. Professional advisors are located in Advising Services, TRiO, Veteran & Military Family Services, American Indian Student Support, the Dual Credit Office, Athletics, the Sandpoint campus, the Adult Education Center, Health Professions, and Career and Technical Education. Faculty are assigned advisees in their programs of expertise.

Visit the Advising Services webpage for additional information about advising curriculum and student learning outcomes.

Academic Calendar

Fall 2026 Summary

SESSION	ADMISSION APPLICATION DEADLINE	BEGIN-END DATE	LAST DATE TO REGISTER	LAST DATE TO DROP WITH 100% REFUND/DROP FOR NON-ATTENDANCE	MID-TERM GRADES DUE	LAST DATE TO WITHDRAW	FINAL GRADES DUE
16-Week	Aug 17	Aug 24 - Dec 17	Aug 30	Sept 8	Oct 20	Nov 6	Dec 22
Short Term; 12-Week	Aug 17	Aug 24 - Nov 13	Aug 26	Sept 1	Oct 6	Oct 23	Nov 17
Short Term; 8-Week	Aug 17	Aug 24 - Oct 16	Aug 26	Sept 1	Sept 22	Oct 2	Oct 20
Late Start; 12-Week	Sept 14	Sept 21 - Dec 17	Sept 23	Sept 29	Nov 3	Nov 20	Dec 22
Late Start; 8-Week	Oct 12	Oct 19-Dec 17	Oct 21	Oct 27	Nov 17	Nov 27	Dec 22

July 2026

13	Fall Financial Aid bookstore charges begin and continue through 2:30 p.m. October 23 at the Cardinal Bookstore.

August 2026

14	Deadline to submit academic appeals.
17	Admission Application Deadline for Full and Short Terms.
	Faculty return to campus.
24	Cardinal Convocation - all classes are in session.
	Fall Semester begins (Full- and Short-Term classes).
26	Last day to add Short Term classes.
28	Deadline to submit Satisfactory Academic Progress (SAP) appeals for Fall Semester.
30	Last day to add Full Term classes.
31	Attendance rosters for Short Term classes due by 10 a.m.

September 2026

1	Last day to drop Short Term classes (100% refund).
	Non-Attendance Drop - Short Term classes.
2	Withdrawals begin for Short Term classes.
4	Attendance rosters for Full Term classes due by 10 a.m.
	Deadline to submit academic appeals.
	Last day to submit Idaho Residency Determination Worksheet with documentation.
7	Labor Day - Campus closed.
8	Last day to drop Full Term classes (100% refund).
	Last day to submit Program Update forms for Fall Semester.
	Non-Attendance Drop - Full Term classes.
	Financial Aid Census Date.
9	Withdrawals begin for Full Term classes.
11	Financial Aid Disbursement.
14	Admission Application Deadline for Late Start 12-week classes.

17	Constitution Day - College is open and classes are in session.
21	Late Start 12-week classes begin.
22	Short Term 8-week Midterm Grades due by 10 a.m.
23	Last day to add Late Start 12-week classes.
28	Attendance rosters for Late Start 12-week classes due by 10 a.m.
29	Last day to drop Late Start 12-week classes (100% refund).
	Non-Attendance Drop - Late Start 12-Week classes.
30	Withdrawals begin for Late Start 12-week classes.

October 2026

2	Deadline to submit academic appeals.
	Incomplete grades due for Spring Semester and Summer Session.
	Last day to withdraw from Short Term 8-week classes.
6	Short Term 12-week Midterm Grades due by 10 a.m.
12	Admission Application Deadline for Late Start 8-week classes.
	Columbus Day - College is open and classes are in session.
	Midterm exams.
	Spring class schedule available.
13	Midterm exams.
14	Midterm exams.
15	Midterm exams.
16	Midterm exams.
	Short Term 8-week classes end.
19	Late Start 8-week classes begin.
20	Full Term Midterm Grades due by 10 a.m.
	Short Term 8-week final grades due by 10 a.m.
21	Last day to add Late Start 8-week classes.
23	Last day to withdraw from Short Term 12-week classes.
26	Attendance rosters for Late Start 8-week classes due by 10 a.m.
27	Last day to drop Late Start 8-week classes (100% refund).
	Non-Attendance Drop - Late Start 8-Week classes.
28	Withdrawals begin for Late Start 8-week classes.

November 2026

2	Spring graduation application available.
	Spring registration begins for continuing students.
3	Late Start 12-week Midterm Grades due by 10 a.m.
6	Deadline to submit academic appeals.
	Last day to withdraw from Full Term classes.
	Spring registration begins for continuing dual credit students.
9	Spring registration begins for former students.
11	Veterans Day - College is open and classes are in session.
13	Short Term 12-week classes end.
16	Spring registration begins for new students.
17	Late Start 8-week Midterm Grades due by 10 a.m.
	Short Term 12-week final grades due by 10 a.m.
20	Last day to withdraw from Late Start 12-week classes.

23	Thanksgiving Holiday - Classes not in session.
24	Thanksgiving Holiday - Classes not in session.
25	Thanksgiving Holiday - Campus Closed.
26	Thanksgiving Holiday - Campus Closed.
27	Thanksgiving Holiday - Campus Closed.
	Last day to withdraw from Late Start 8-week classes.
28	Thanksgiving Holiday - Campus Closed.
29	Thanksgiving Holiday - Campus Closed.

December 2026

4	Deadline to submit academic appeals.
14	Final exams.
14	Spring Financial Aid bookstore charges begin and continue through 2:30 p.m. March 19 at the Cardinal Bookstore.
15	Final exams.
16	Final exams.
17	Final exams.
	Deadline to apply for graduation.
	Fall Semester ends.
22	All final grades due by 10 a.m.
25	Holiday Break - Campus closed.
26	Holiday Break - Campus closed.
27	Holiday Break - Campus closed.
28	Holiday Break - Campus closed.
29	Holiday Break - Campus closed.
30	Holiday Break - Campus closed.
31	Holiday Break - Campus closed.

Spring 2027 Summary

SESSION	ADMISSION APPLICATION DEADLINE	BEGIN-END DATE	LAST DATE TO REGISTER	LAST DATE TO DROP WITH 100% REFUND/DROP FOR NON-ATTENDANCE	MID-TERM GRADES DUE	LAST DATE TO WITHDRAW	FINAL GRADES DUE
16-Week	Jan 11	Jan 18 - May 13	Jan 24	Feb 2	Mar 16	Apr 9	May 18
Short Term - 12-Week	Jan 11	Jan 18 - Apr 16	Jan 20	Jan 26	Mar 2	Mar 19	Apr 20
Short Term - 8-Week	Jan 11	Jan 18- Mar 12	Jan 20	Jan 26	Feb 16	Feb 26	Mar 16
Late Start - 12-Week	Feb 8	Feb 16 - May 13	Feb 17	Feb 23	Apr 6	Apr 23	May 18
Late Start - 8-Week	Mar 8	Mar 16 - May 13	Mar 17	Mar 23	Apr 20	Apr 30	May 18

January 2027

1	Holiday Break - Campus closed.
	New Year's Day - Campus closed.
2	Holiday Break - Campus closed.

3	Holiday Break - Campus closed.
8	Deadline to submit academic appeals.
11	Admission Application Deadline for Full and Short Terms.
	Faculty return to campus.
18	Martin Luther King, Jr./Idaho Human Rights Day - Classes not in session and campus closed.
	Spring Semester begins (Full- and Short-Term classes).
20	Last day to add Short Term classes.
22	Deadline to submit Satisfactory Academic Progress (SAP) appeals for Spring Semester.
24	Last day to add Full Term classes.
25	Attendance rosters for Short Term classes due by 10 a.m.
26	Last day to drop Short Term classes (100% refund).
	Non-Attendance Drop - Short Term classes.
27	Withdrawals begin for Short Term classes.

February 2027

1	Attendance rosters for Full Term classes due by 10 a.m.
	Last day to submit Idaho Residency Determination Worksheet with documentation.
	Summer and Fall Class Schedules Available.
	Summer graduation application available.
2	Last day to drop Full Term classes (100% refund).
	Last day to submit Program Update forms for Spring Semester.
	Non-Attendance Drop - Full Term classes.
	Financial Aid Census Date.
3	Withdrawals begin for Full Term classes.
5	Deadline to submit academic appeals.
5	Financial Aid Disbursement.
8	Admission Application Deadline for Late Start 12-week classes.
15	Presidents Day - Campus closed.
16	Late Start 12-week classes begin.
	Short Term 8-week Midterm Grades due by 10 a.m.
17	Last day to add Late Start 12-week classes.
22	Attendance rosters for Late Start 12-week classes due by 10 a.m.
23	Last day to drop Late Start 12-week classes (100% refund).
	Non-Attendance Drop - Late Start 12-Week classes.
24	Withdrawals begin for Late Start 12-week classes.
26	Incomplete grades due from Fall Semester.
	Last day to withdraw from Short Term 8-week classes.

March 2027

2	Short Term 12-week Midterm Grades due by 10 a.m.
5	Deadline to submit academic appeals.
8	Admission Application Deadline for Late Start 8-week classes.
8	Midterm exams.
9	Midterm exams.
10	Midterm exams.
11	Midterm exams.
	Fall graduation application available.

	Summer registration begins for continuing students.
12	Midterm exams.
	Deadline to apply for Spring and Summer graduation if attending the Commencement Ceremony.
	Short Term 8-week classes end.
	Summer registration begins for continuing dual credit students.
15	Fall registration begins for continuing students.
	Late Start 8-week classes begin.
16	Full Term Midterm Grades due by 10 a.m.
	Short Term 8-week final grades due by 10 a.m.
17	Last day to add Late Start 8-week classes.
19	Fall registration begins for continuing dual credit students.
	Last day to withdraw from Short Term 12-week classes.
22	Attendance rosters for Late Start 8-week classes due by 10 a.m.
	Fall registration begins for former students.
	Summer registration begins for former students.
23	Last day to drop Late Start 8-week classes (100% refund).
	Non-Attendance Drop - Late Start 8-Week classes.
24	Withdrawals begin for Late Start 8-week classes.
26	Deadline to confirm Commencement attendance and order regalia (caps & gowns).
29	Fall registration begins for new students.
	Spring Break - Classes not in session.
	Summer registration begins for new students.
30	Spring Break - Classes not in session.
31	Spring Break - Classes not in session.

April 2027

1	Spring Break - Classes not in session.
2	Spring Break - Classes not in session.
	Deadline to submit academic appeals.
3	Spring Break - Classes not in session.
4	Spring Break - Classes not in session.
6	Late Start 12-week Midterm Grades due by 10 a.m.
9	Last day to withdraw from Full Term classes.
16	Short Term 12-week classes end.
19	Summer Financial Aid bookstore charges begin and continue through 2:30 p.m. June 18 at the Cardinal Bookstore.
20	Late Start 8-week Midterm Grades due by 10 a.m.
	Short Term 12-week final grades due by 10 a.m.
23	Last day to withdraw from Late Start 12-week classes.
30	Last day to withdraw from Late Start 8-week classes.

Summer 2027 Summary

SESSION	ADMISSION APPLICATION DEADLINE	BEGIN-END DATE	LAST DATE TO REGISTER	LAST DATE TO DROP WITH 100% REFUND/DROP FOR NON-ATTENDANCE	MID-TERM GRADES DUE	LAST DATE TO WITHDRAW	FINAL GRADES DUE
4-Week CTE	n/a	May 17 - Jun 11	May 19	May 25	Jun 1	Jun 6	Jun 15
8-Week CTE	n/a	May 17 - Jul 9	May 19	May 25	Jun 15	Jun 25	Jul 13
8-Week	May 31	Jun 7 - Jul 30	Jun 9	Jun 15	Jul 6	Jul 16	Aug 3

May 2027

10	Final exams.
11	Final exams.
12	Final exams.
13	Final exams.
	Deadline to apply for graduation (Commencement attendance deadline was March 27).
	Spring Semester ends.
14	Commencement.
17	4-Week CTE Summer classes begin.
	8-Week CTE Summer classes begin.
18	All final grades due by 10 a.m.
19	Last day to add 4-week and 8-week CTE classes.
25	Last day to drop 4-week and 8-week CTE classes.
28	Deadline to submit academic appeals.
31	Admission Application Deadline for Summer Session: 8-week classes.
	Memorial Day - Campus closed.

June 2027

6	Last day to withdraw from 4-week CTE classes.
7	Summer Session 8-week classes begin.
9	Last day to add 8-week classes.
11	4-Week CTE classes end.
	Last day to submit Idaho Residency Determination Worksheet with documentation.
	Deadline to submit Satisfactory Academic Progress (SAP) appeals for Summer Session.
14	8-week attendance rosters due by 10 a.m.
15	4-Week CTE final grades due.
	8-week Non-Attendance Drop.
	Last day to drop 8-week classes (100% refund).
	Last day to submit Program Update forms for Summer Session.
	Financial Aid Census Date.
16	8-week class withdrawals begin.
18	Financial Aid Disbursement.
18	Juneteenth National Independence Day observation - College is open and classes are in session.
25	Last day to withdraw from 8-week CTE classes.

July 2027	
2	Deadline to submit academic appeals.
5	Independence Day observed - Campus closed.
6	8-week midterm grades due by 10 a.m.
9	8-Week CTE classes end.
13	8-Week CTE final grades due.
16	Last day to withdraw from 8-week classes.
30	Deadline to apply for graduation.
	Summer Session 8-week classes end.
August 2027	
3	Summer Session 8-week final grades due by 10 a.m.
13	Summer Session ends.

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Terminology

Academic Advisor: A staff or faculty member trained to assist students with educational planning for a successful college experience.

Academic Load: The number of credit hours taken in one semester/session.

Academic Probation: The standing of a student whose cumulative GPA is below the required 2.00.

Academic Suspension: The standing of a student whose semester GPA is below the required 2.00 while on academic probation.

Address: *Permanent* - The student's home address. Residency is determined by this address. *Mailing* - The address used by a student while in attendance if different from permanent address. *Temporary* - The address used for a short time if the mailing and permanent addresses are not being used.

Alumni: Individuals who have earned at least 12 NIC academic credits or completed the first semester of a certificate or apprenticeship program.

American College Test (ACT): A national standardized test designed to assess knowledge in English, mathematics, reading, and scientific reasoning. Exam results are often used as a requirement for college admission and sometimes for placement in college courses.

Associate's degree: Typically requires the equivalent of two years of full-time study and the completion of a minimum of 60 semester credits of 100- and 200-level courses with a cumulative GPA of 2.00. Associate of Arts and Associate of Science degrees are typically designed for transfer to a baccalaureate-granting institution.

Associate of Applied Science Degree: Typically requires the equivalent of two years of full-time study and the completion of a minimum of 60 credits of 100- and 200-level courses with a cumulative GPA of 2.00. Associate of Applied Science Degrees are designed to lead directly to employment in a specific field or career.

Audit: A student who does not want to receive credit or a grade in a course may audit the course. Audited courses will not fulfill graduation requirements and will not affect a student's grade point average.

Bachelor's degree (or Baccalaureate): Degree offered by four-year colleges and universities that typically requires the equivalent of four years of study for a minimum of 120 semester credits in lower (100 and 200) and upper (300 and 400) division courses with a cumulative GPA of at least a 2.00.

Catalog: Resource that provides essential information about a school, typically including the institution's history and philosophy, policies and procedures, accreditation status, courses and programs of study, degree and certificates offered, physical facilities, admission and enrollment procedures, financial aid, student life activities, etc.

Certificate programs: Programs that are at least seven credits in a focused area or topic, typically designed to provide or enhance or specific career skills.

Co-curricular Activities: Non-classroom achievements and activities that contribute to a well-rounded education, such as athletics, clubs, student government, recreational and social organizations, and events.

College Level Examination Program (CLEP): A program administered to students who desire to obtain college credit by taking proficiency tests in selected courses/areas.

Community College: A two-year institution of post-secondary education offering transfer, occupational, and technical curriculum.

Concurrent enrollment student: A student enrolled at two institutions simultaneously; for example, an NIC student who is also enrolled at the University of Idaho or Lewis-Clark State College.

Core course: A general education course or GEM (General Education Matriculation) course from a specific discipline area that requires a C- or better to satisfy requirements for an associate's degree.

Co-requisite course: A course that must be taken concurrently with another course or courses unless it was previously completed with the required minimum grade.

Counselor: A professional trained to assist students with being successful in college by strengthening psychological, emotional, and behavioral wellness.

Curriculum: Classes outlined by an institution that are required for completion of a program of study leading to a degree or certificate.

Degree requirements: An institution’s requirements for awarding a degree typically including total credit hours, required GPA, and courses needed in a specified program of study.

Department: An organizational unit in an institution responsible for the academic functions associated with a discipline or field of study, such as History or Diesel Mechanics.

Division: An administrative unit of an institution usually consisting of more than one department, or a branch of the institution, instructional or not, such as the Student Services Division.

Dual Credit: A program allowing eligible high school juniors and seniors to enroll in college courses. Credit for both high school and college may be awarded.

Educational Technology: Technology used for instruction (e.g., website, learning management system, textbook integration, mobile application, lecture capture, web conferencing, streaming media).

Elective: A course that is not specifically required and is chosen by the student based on educational objectives.

Faculty: Individuals who teach classes at a college or university.

Fees: Charges not included in tuition which are used to cover the cost of materials and equipment needed in certain courses; may also be assessed for student events, programs, and publications.

Final exams: End-of-the-semester assessments given in individual courses.

Financial aid: Aid for paying college expenses including grants, scholarships, loans, and part-time employment from federal, state, institutional, and private sources. Financial aid from these programs may be combined in an "award package" toward the cost of college.

Free Application for Federal Student Aid (FAFSA): The qualifying form used for all federal and government guaranteed commercial lenders’ programs, as well as many state, regional, and private student aid programs. By filling out the online or paper FAFSA, applicants start the process of qualifying for financial aid.

Full-time enrollment: Enrollment in 12 or more credit hours per semester is considered full-time (e.g., for financial aid purposes). Students are encouraged to earn at least 15 credits per semester whenever possible to complete full-time program pathways in a timely manner.

Gateway Courses: Courses identified in program pathways as an early indicator of student readiness for further study. These courses typically include key topics, concepts and learning expectations that are foundational to the program.

General Education Diploma (GED): Often referred to as General Education Development, the GED is the equivalent of a high school diploma based on completion of coursework and achievement of minimum scores on a set of standardized tests in language arts, math, science, and social studies.

Grade Point Average (GPA): The average score of student performance in courses each term of enrollment and in total (overall or cumulative) for all courses taken.

Hybrid course: A course that combines face-to-face and online instruction. A substantial portion of the course learning activities (typically 30-70%) are delivered online.

Interactive video conference course: A course delivered to off-campus sites by technology that allows interaction between students and faculty through two-way audio and video.

Interest Areas: Groupings of college programs with similar education and career goals. Interest areas help students choose a direction when they are unsure about the specific certificate or degree to pursue when they begin college. Interest areas may include transfer and career programs under one heading. NIC has established six interest areas: Arts, Communication and Humanities, Business Administration and Management, Healthcare, Manufacturing and Trades, Social Services and Human Resources, and Science, Technology, Engineering, and Mathematics (STEM).

Interstate Passport: A nationwide network of accredited two- and four-year institutions that promote credit transfer through a block of lower-division undergraduate general education learning outcomes and proficiencies.

Late-start course: A course that begins after the start of a term or semester.

Lecture/laboratory/discussion courses: Refers to the various ways that instruction is delivered. Lecture is a faculty-led presentation of course content, laboratory involves learning in an environment that requires measurement, materials, and observation, and discussion emphasizes student engagement with course material that is facilitated by faculty.

Matriculated Student: An individual who is admitted and enrolled in a degree or certificate program of study. Matriculated students may be eligible for financial aid and may participate in varsity athletics.

Mid-term exams: Assessments given on material covered during the first half of the semester.

Milestone Course: A course identified in program pathways to mark achievement toward a certificate or degree. Milestone courses may draw together foundational knowledge, integrate learning, and foster key co-curricular experience.

Non-credit course: A course which does have any credit and does not count toward certificate or degree requirements that allows students to explore new fields of study, increase proficiency in a particular skill area or profession, develop potential, or enrich life experiences.

Online learning: Courses identified as hybrid or online in the schedule of classes each semester/session.

Open-door institution: Institutions with an admission policy that allows anyone who meets certain age requirements to be admitted. Enrollment in courses may require placement or some level of proficiency or preparation.

Pathways: A comprehensive, research-based approach to strengthening how the college supports student achievement of educational and career goals. Pathways integrate thoughtfully designed program plans, improved student intake processes, and best practices for instruction and developmental education.

Prerequisite: A condition that must be met before a student may enroll in a course.

Program Pathways: Maps of program course sequences with related co-curricular activities and experiences that promote student completion of the certificates and degrees.

Resident/Non-resident status: Determination of domicile that establishes tuition charges based on state statute or code.

Scholastic Aptitude Test (SAT): A national standardized test designed to assess knowledge in English, math, reading, and other areas. Exam results are often used as a requirement for admissions and sometimes for placement in college courses.

Service Learning: Learning that actively involves students in experiences outside of the classroom which often benefit others while advancing the goals of a given program.

Short-term course: A course that begins at the start of a term but is completed prior to the end of the term.

Syllabus: A summary of the course containing specific information such as how to contact the instructor, the instructor’s office location and office hours, an outline of what will be covered, a schedule of test dates and due dates for assignments, the grading for the course and other specific requirements.

Transcript: A student’s official academic record of courses taken, grades received, academic status, earned certificates, degrees conferred, and honors received.

Transfer of credits: Acceptance of credits earned at one institution by another institution.

Tuition: The charge for instruction at a college or university. Tuition does not include the cost of books, fees, or room and board. Tuition charges vary based on various factors, including resident status.

Tutor: A person with demonstrated knowledge in a subject who provides instruction to a student.

Undergraduate: A student who is pursuing a program of study at or before the bachelor's degree.

University: An institution of higher learning that offers baccalaureate and post-graduate degrees and programs.

Waitlist: An option for students to indicate they want to enroll in a class that has reached its capacity and is closed.

Acronyms

Acronym	Definition
AA	Associate of Arts Degree
AAS	Associate of Applied Science Degree
AC	Academic Certificate
ACT	American College Testing
ADA	Americans with Disabilities Act
ALEKS PPL	Assessment and Learning in Knowledge, Spaces, Placement, Preparation, and Learning (Math Placement)
AS	Associate of Science Degree
ASE	Automotive Service Excellence
ATC	Advanced Technical Certificate
BA	Bachelor of Arts Degree
BS	Bachelor of Science Degree
BTC	Basic Technical Certificate
CC	Certificate of Completion
CEU	Continuing Education Unit
CLEP	College Level Examination Program
CTE	Career and Technical Education
DS	Directed Study
DSS	Disability Support Services
EFC	Expected Family Contribution
EOE	Equal Opportunity Employment
FAFSA	Free Application for Federal Student Aid
FERPA	Family Educational Rights and Privacy Act
FSEOG	Federal Supplemental Educational Opportunity Grant
GED	General Education Diploma
GEM	General Education Matriculation
GPA	Grade Point Average
IELTS	International English Language Testing System
ITC	Intermediate Technical Certificate
NATEF	National Automotive Technicians Education Foundation
NIC	North Idaho College
NWCCU	Northwest Commission on Colleges and Universities
PELL	Federal Pell Grant
SAT	Scholastic Aptitude Test
TDC	Technical Dual Credit for High School Students
TOEFL	Test of English as a Foreign Language
TSA	Technical Skills Assessment
TWC	The Write Class (English Placement)
WUE	Western Undergraduate Exchange Program

All Programs

Autobody and Paint Technology ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Trades and Industry

Description
The Autobody and Paint Technology Program prepares students for rewarding careers in the collision repair and refinishing industry, the custom paint and car restoration fields, or for self-employment in related collision repair areas. The program is approved by the Inter-Industry Conference on Auto Collision Repair (ICAR) and includes hands-on training utilizing the latest techniques and equipment in the industry. Training includes computerized estimating and measuring systems, paint mixing, refinishing, spot repair, steel and aluminum MIG welding, plastic and fiberglass repair, electical, and custom painting. Learning takes place on mock-up vehicles first semester to build fundamental skill sets and primarily "real" customer projects second semester. Students have the opportunity to earn multiple I-CAR and Institute for Automative Service Excellence (ASE) certifications.

Contact Information: Trades & Industry Division Parker Technical Education Center 7064 West Lancaster Road Rathdrum, ID 83858 Phone: (208) 769-3448

Requirements

SEMESTER 1		CREDITS
ACRR-161	Exterior and Interior Renovation	1
ACRR-162	Fundamentals of Collision Repair	4
ACRR-163	Damage Analysis and Small Dent Repair	2
ACRR-164	Introduction to Paint Refinishing	1
ACRR-165L	Collision Repair Lab I	6
ACRR-166L	Collision Repair Lab II	5
WELD-140	Autobody and Paint Technology Welding	2
Select one of the following:		3-5
MCTE-101	Technical Mathematics	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**24-26**
SEMESTER 2		
ACRR-171	Paint Refinishing Fundamentals	3
ACRR-172	Damage Analysis and Estimating	2
ACRR-173	Measurement and Structural Analysis	2
ACRR-174	Surface Prep and Adhesive Bonding	1
ACRR-175L	Collision Repair Lab III	5
ACRR-176L	Collision Repair Lab IV	5
ATEC-117	Occupational Relations and Job Search	2
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**23**
	Total Credits	**47-49**

Outcomes
Upon completion of the program, students will be able to:

1. Select and consistently demonstrate proper overall shop safety procedures in the auto collision repair industry.
2. Explain both unibody and full frame vehicle construction and how these structures react in a variety of collision circumstances.

3. Properly remove and install all basic vehicle components including sheet metal parts, glass windshields and doors, passive resistant systems, bumpers, trim, as well as suspension and steering mechanisms.
4. Explain the basic principles and perform the proper techniques for sheet metal rough out and repair.
5. Explain the fundamentals of paint refinishing and demonstrate refinishing techniques through the proper use of equipment.
6. Identify structural damage and develop an industry acceptable repair sequence for a variety of different damage scenarios.
7. Explain the basic principles and perform the proper techniques for plastic and composite repair including the use of nitrogen welding.
8. Explain the basic principles and perform the proper techniques for Gas Metal Arc Welding (GMAW).
9. Explain the basic principles of analyzing damage (blueprinting) and create hand-written and computerized estimates.
10. Describe and model proper work habits and employ communication practices and computation skills appropriate to the auto collision repair industry.

Advanced Manufacturing: Engineering and CNC Technologies

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Trades and Industry

Description
The Advanced Manufacturing: Engineering and CNC Technologies program prepares students for entry level positions in the rapidly growing fields of CNC machining and computerized manufacturing. The curriculum emphasizes key areas such as basic machining practices, CNC operation, CAD/CAM systems, and geometric dimensioning and tolerancing (GD&T). Students will learn to create 3D models as well as operate and program CNC machines and create and interpret blueprints. Additionally, the program covers advanced topics like multi-axis machining, giving students the skills needed to handle complex manufacturing processes.

Contact Information: Trades & Industry Division Parker Technical Education Center 7064 West Lancaster Road Rathdrum, ID 83858 Phone: (208) 769-3448

Requirements

SEMESTER 1		CREDITS
MCTE-105	Technical Mathematics for Machining and Computer Aided Design Technologies	3
MDET-110	SolidWorks Basic	4
MDET-150	Machining Technology Theory I	4
MDET-151L	Machining Technology Lab I	5
	Credits	**16**
SEMESTER 2		
MDET-115	Basic Mechanical Design	4
MDET-120	Intermediate SolidWorks	3
GEM 1 - A.A.S. Written Communication		3-4
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
A.A.S. Institutionally Designated		3
	Credits	**16-19**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
MACH-234	Computers in Machining	2
MACH-253L	Computer Numerical Control Lab	5
MACH-283	Computer Numerical Control	5
	Credits	**15**
SEMESTER 4		
MACH-274	Geometric Dimensioning and Tolerancing	3
MACH-284	Advanced Numerical Control	5
MACH-254L	Advanced Computer Numerical Control Lab	5
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**16**
	Total Credits	**63-66**

Outcomes

1. Read, interpret, and apply various views, lines, symbols, terms, and abbreviations commonly found on blueprints to the American National Standards Institute (ANSI) standards.
2. Navigate CNC controls with confidence and create and utilize G-code to direct and manipulate CNC machine tool movements.
3. Demonstrate basic three-dimensional (3D) computer aided design (CAD) software commands to generate geometric constructs and toolpaths for CNC mill and lathe operations.
4. Analyze and apply tolerances for features on geometric dimensioning and tolerancing (GD&T) blueprints according to ASME Y14.5 standards.
5. Demonstrate basic three-dimensional (3D) Computer Aided Design (CAD) software commands, in a related pedagogical sequence to generate geometric constructs to create parametric feature-based geometry methodology for parts, assemblies, and drawings.
6. Interpret and apply American National Standards Institute (ANSI) standards to produce detailed working drawings used in contemporary manufacturing industries.

Anthropology AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Human Sciences

Description
Anthropology is the study of humans and our immediate ancestors. Anthropologists explore human cultural and biological diversity across time and space. Central to this endeavor is an emphasis upon understanding the whole of the human condition, attentive to the variety of ways in which culture, society, biology and the environment influence how humans see and interact with the world. Anthropology includes the sub-disciplines of archaeology, cultural anthropology, biological (physical) anthropology, and linguistics. The curriculum is designed to provide students with an understanding of the basic foundations of anthropology and to prepare them to transfer to a university for further studies toward a Bachelor's or advanced degree. The skills and scope of knowledge developed in an anthropology program prepares students for work in a variety of settings, both in public and private sectors in the U.S. and abroad. Because of the interdisciplinary nature of anthropology many teach across a broad spectrum of disciplines in the humanities, social sciences, health sciences, physical sciences, and biological sciences. Outside the university, anthropologists work in government agencies, private businesses, museums, private research institutes, service fields, cultural resource management, etc. Others work as independent consultants and researchers for the Centers for Disease Control, UNESCO, the World Health Organization, and the World Bank, among others. Completion of the program is designed to result in an Associate's degree, and meets the general education requirements at all Idaho public universities. Course selections should be tailored to match requirements of the intended transfer institution.

Contact Information: Social & Behavioral Sciences Division
Lee-Kildow Hall, Room 217 Phone: (208) 769-7782

Requirements

General Education Requirements		
GEM 1 - Written Communication		6-8
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing 1		4
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing*		3
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
ANTH-100	Introduction to Anthropology	3
ANTH-102	Cultural Anthropology	3
ANTH-104	Biological Anthropology	3
Select one of the following:		3
ANTH-103	Introduction to Archaeology	
ANTH/AIST-225	Native People of North America	
Elective Requirements		
Courses 100-level or higher		12-18
Total Credits		**60-65**

*This General Education Requirement is partially met by the Program Requirements.

Outcomes

Upon completion of the program, students will be able to:

1. Summarize foundational concepts and methods used in anthropology to understand humanity and our immediate ancestors.
2. Explain the importance of diversity and the processes which influence biological and cultural variation.
3. Interpret and share original data collected through an anthropological fieldwork method.
4. Identify ethical concerns related to the field of anthropology.
5. Pursue their educational and professional goals through transfer.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
ANTH-100	Introduction to Anthropology	3
COMM-101	Fundamentals of Oral Communication	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 7W - Wellness		1-3
	Credits	**14-18**
SEMESTER 2		
ANTH-102	Cultural Anthropology	3
ANTH-104	Biological Anthropology	3
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**15-16**
SEMESTER 3		
GEM 4 - Scientific Ways of Knowing		4
Electives		9
Select one of the following:		3
ANTH-103	Introduction to Archaeology	
ANTH/ AIST-225	Native People of North America	
	Credits	**16**
SEMESTER 4		
GEM 5 - Humanistic and Artistic Ways of Knowing		3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Electives		9
	Credits	**15**
	Total Credits	**60-65**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ANTH-100	Introduction to Anthropology	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
Elective		3
	Credits	**9-10**
SEMESTER 2		
ANTH-102	Cultural Anthropology	3
COMM-101	Fundamentals of Oral Communication	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**11-12**
SEMESTER 3		
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**9-12**
SEMESTER 4		
ANTH-104	Biological Anthropology	3
Elective		3
Select one of the following:		3
ANTH-103	Introduction to Archaeology	
ANTH/ AIST-225	Native People of North America	
	Credits	**9**
SEMESTER 5		
Electives		6
GEM 4 - Scientific Ways of Knowing		4
	Credits	**10**
SEMESTER 6		
Electives		6
GEM 5 - Humanistic and Artistic Ways of Knowing		3

SEMESTER 1		CREDITS
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
	Credits	**12**
	Total Credits	**60-65**

Administrative Office Management Technology AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Business

Description
The Administrative Office Management Technology program combines a well-balanced academic program with expert administrative and computer instruction, giving a student the diversified educational training and background needed to hold a position of responsibility and importance in many areas of the business world. This program helps raise the administrative skills of the student to a professional level, gives the student a technical background through completion of technical skill courses, innovative office technology experience and includes an academic component that provides the student with a mature understanding of professional responsibilities and workplace readiness skills in our global economy. Program graduates have a variety of options in offices of their interest such as travel, sports or entertainment; banking, insurance, construction and engineering, real estate; technical, government, or foreign service; public, private, or temporary agencies.

Contact Information: Career & Technical Professional Programs Division Hedlund Building, Room 101 Phone: (208) 769-3226

Requirements

SEMESTER 1		CREDITS
CAOT-120	Word Processing/Word I	1
CAOT-121	Word Processing/Word II	1
CAOT-122	Word Processing/Word III	1
CAOT-123	AI Essentials for the Workplace	3
CAOT-150	PowerPoint	1
CAOT-164	Computer Fundamentals for Technical Programs	1
CAOT-183	Business Editing and Proofreading	3
CAOT-204	Career Leadership	1
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**15-17**
SEMESTER 2		
CAOT-124	Social Media Marketing	3
CAOT-130	Spreadsheets/Excel I	1
CAOT-131	Spreadsheets/Excel II	1
CAOT-132	Spreadsheets/Excel III	1
CAOT-140	Database/Access I	1
ENGL-101	Writing and Rhetoric I	3
BLDR-120	Financial Business Applications	3
BLDR-132	Employee Benefits and Compensation	3
	Credits	**16**
SEMESTER 3		
BOAA-110	Small Business Accounting*	3
BOAA-150	10-Key Skill Building	1
CAOT-115	Outlook	1
CAOT-166	Living Online for Technical Programs	1
CAOT-184	Records Systems Management	3
CAOT-210	Office Procedures and Technologies	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**15**
SEMESTER 4		
BOAA-140	QuickBooks	3
CAOT-205	Business Document Formatting/ Transcription	2
CAOT-292	Administrative Support Internship	3
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
A.A.S. Institutionally Designated		3-5
	Credits	**14-16**
	Total Credits	**60-64**

*Students intending to obtain a four-year degree should take ACCT-201 Principles of Accounting.

Outcomes

Upon completion of the program, students should be able to:

1. Use integrated computational skills to solve a variety of business applications such as inventory, payroll, calculating interest, and budget monitoring.
2. Describe the changing work environment and the skills needed by administrative professionals to function in a changing work environment.
3. Organize and prioritize time and tasks within a business environment.
4. Examine planning and leadership skills and characteristics and evaluate the role they play in organizational success.
5. Use problem-solving, interpersonal, and collaborative skills to complete work independently or in a team in an ethical and professional manner.
6. Utilize business terminology and vocabulary to communicate in both written and oral forms following rules of confidentiality.
7. Develop, edit, format, and proofread correspondence that meets acceptable business standards.
8. Make use of office equipment, such as 10-key, copiers, and fax machines to complete documents and office projects.
9. Develop and apply project management, records management, and organizational skills to complete office tasks and projects.
10. Use a variety of computer applications to produce multiple documents required in a variety of office settings.
11. Conduct internet searches to locate business information; analyze and evaluate its usefulness in given business scenarios.
12. Select and use appropriate resources to collect business data that informs decision-making.

13. Demonstrate the ability to use innovative technologies (such as teleconferences, webinars, blogs, social media, web pages, cloud-based platforms, etc.) in an office environment.
14. Demonstrate professionalism through acceptable attitude, organization and time management skills, and attire.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Administrative Office Technology BTC

Overview

Degree/Certificate
Basic Technical Certificate

Interest Areas
Business

Description
This certificate program is designed for individuals who desire to update or attain new office skills by completing a combination of required and elective courses that reflect their own personal career needs. The curriculum provides students with the updated knowledge and skills necessary to work in various office settings. Students receive hands-on working knowledge of innovative office technologies, records management, office procedures, and software skills.

Contact Information: Career & Technical Professional Programs Division Hedlund Building, Room 101 Phone: (208) 769-3226

Requirements

SEMESTER 1		CREDITS
CAOT-140	Database/Access I	1
Choose 5 elective credits from list below.		5
	Credits	**6**
SEMESTER 2		
CAOT-184	Records Systems Management	3
CAOT-210	Office Procedures and Technologies	3
Choose 3 elective credits from list below.		3
	Credits	**9**
Total Credits		**15**

Elective Credits

SUBJECT/NUMBER	TITLE	
Any BOAA Course		
Any CAOT Course		

Outcomes

Upon completion of the program, students should be able to:

1. Use a variety of computer applications to produce multiple documents required in a variety of office settings.
2. Demonstrate competency in basic office procedures.

3. Use problem solving, interpersonal, and collaborative skills to complete work independently or in a team in an ethical and professional manner.
4. Demonstrate the ability to use innovative technologies (such as teleconferences, webinars, blogs, social media, web pages, cloud-based platforms, etc.) in an office environment.
5. Develop and apply project management, records management, and organizational skills to complete office tasks and projects.

Art AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Arts and Communication

Description
The Art program provides two pathways in visual studies: fine art and photography. Both paths provide a broad introduction to the vocabulary, media, tools, processes, styles, and themes in the visual arts. The art curriculum teaches students to develop high levels of individual artistic awareness and expression through their study of the elements of art and principles of design that are the basis of a wide range of transfer programs. In the ever-changing world of the visual arts, using new media and tools requires in-depth understanding of and skill in traditional art-making processes to develop visual literacy, conceptual capacities, and critical thinking. Courses teach technical and formal skills, exploration of creative processes, and clear communication of visual ideas.

The Fine Art Pathway: Fine art includes a range of courses focused on both the history of art and design and studio experiences that explore a range of processes and materials in drawing, painting, printmaking, ceramics, photography, and sculpture. The Photography Pathway: The photographic image plays a vital role in contemporary society. The Photography program focuses on the constantly evolving knowledge, skills, and abilities needed to create visual images that communicate and stand on their own as an art form. This course of study offered at NIC gives students the opportunity to explore their role as photographers capturing images, creating art, and communicating their vision.

Pursuing a degree in Art leads students into a range of careers and opportunities in the contemporary art world. These professions include art-making in ceramics, drawing, painting, photography, printmaking, and sculpture; teaching art at all levels of education; and working in fields such as architecture, art history, art restoration, art therapy, design (including interior, industrial, graphic, product, furniture, theater set, and others), film, galleries, illustration, museums and public art. The Art Department maintains a gallery for students, NIC, and the wider community as a visual arts resource in the region.

Completion of the following courses, in one of the two pathways, results in an associate's degree and meets the general core requirements at all Idaho public institutions. The suggested coursework below normally fulfills the first half of baccalaureate degree requirements for Art. Course selection should be tailored to match requirements defined by intended transfer institutions.

Contact Information: Communication & Fine Arts Division Boswell Hall, Room 144 Phone: (208) 769-3276

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Select at least one more GEM credit*		1
Program Requirements		
ART-100	Introduction to Art	3
or ART-101	Art History from Caves to Cathedrals	
or ART-102	Art History from Da Vinci to Digital	
ART-111	Drawing I	2
ART-121	2-D/Design Foundations	3
ART-122	3-D/Design Foundations I	3
ART-286	Professional Practices	2
Areas of Emphasis		**14-15**
Fine Art Emphasis		
ART-112	Drawing II	
or ART-217	Life Drawing I	
ART-231	Beginning Painting I	
or ART-232	Beginning Painting II	
ART-241	Sculpture I	
or ART-242	Sculpture II	
Select two courses:		
ART-183	Intro to Digital Photography	
ART-251	Printmaking I	
ART-252	Printmaking II	
ART-261	Ceramics I	

ART-262	Ceramics II	
ART-281	Watercolor I	
ART-282	Watercolor II	
Photography Emphasis		
ART-183	Intro to Digital Photography	
ART-185	Adobe Photoshop and Lightroom	
ART-288	Intermediate Digital Photography	
ART-287	Nature Photography	
or ART-289	Photojournalism	
2-3 Elective Credits		
Total Credits		**60-66**

*****36 total GEM credits are required. This one credit may not be needed depending on the courses completed for GEM 3, GEM 4, or GEM 7W.

Outcomes

Upon completion of the program, students will be able to:

1. Translate the vocabulary and demonstrate an understanding of the elements of art and principles of design to art making and critical evaluation.
2. Demonstrate knowledge and skills utilizing traditional and contemporary practices in a range of two and three-dimensional media, using media specific materials, tools, and processes.
3. Apply critical thinking and problem-solving skills towards the development of self-awareness, individual expression, and communication in the visual arts.
4. Recognize the main movements, patterns, and changes in the visual arts throughout history; formulate an understanding of how the values of a culture and civilization are expressed in its artwork and artifacts.
5. Create, prepare, and present artwork, demonstrating a basic understanding of professional practices in the field.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

Fine Art Pathway

SEMESTER 1		CREDITS
ART-111	Drawing I	2
ART-121	2-D/Design Foundations	3
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
Select one of the following:		3
ART-100	Introduction to Art	
ART-101	Art History from Caves to Cathedrals	
ART-102	Art History from Da Vinci to Digital	
	Credits	**14**
SEMESTER 2		
ART-122	3-D/Design Foundations I	3
ART-231 or ART-232	Beginning Painting I or Beginning Painting II	3
ENGL-102	Writing and Rhetoric II	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15-17**
SEMESTER 3		
ART-112 or ART-217	Drawing II or Life Drawing I	2-3
ART-241 or ART-242	Sculpture I or Sculpture II	3
GEM 4 - Scientific Ways of Knowing		4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
Select one of the following: Milestone course		3
ART-183	Intro to Digital Photography	
ART-251	Printmaking I	
ART-252	Printmaking II	
ART-261	Ceramics I	
ART-262	Ceramics II	
ART-281	Watercolor I	
ART-282	Watercolor II	

SEMESTER 1		CREDITS
	Credits	**16-19**
SEMESTER 4		
ART-286	Professional Practice	2
GEM 4 - Scientific Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
GEM course 1		1
Select one of the following: Milestone course		3
ART-183	Intro to Digital Photography	
ART-251	Printmaking I	
ART-252	Printmaking II	
ART-261	Ceramics I	
ART-262	Ceramics II	
ART-281	Watercolor I	
ART-282	Watercolor II	
	Credits	**15**
	Total Credits	**60-65**

Photography Pathway

SEMESTER 1		CREDITS
ART-121	2-D/Design Foundations	3
ART-183	Intro to Digital Photography	3
ENGL-101	Writing and Rhetoric I	3
COMM-101	Fundamentals of Oral Communication	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**15-17**
SEMESTER 2		
ART-111	Drawing I	2
ART-122	3-D/Design Foundations I	3
ART-185	Adobe Photoshop and Lightroom	3
ENGL-102	Writing and Rhetoric II	3
GEM 4 - Scientific Ways of Knowing		4
	Credits	**15**
SEMESTER 3		
Select one of the following:		3
ART-100	Introduction to Art	
ART-101	Art History from Caves to Cathedrals	
ART-102	Art History from Da Vinci to Digital	
ART-287 or ART-289	Nature Photography or Photojournalism	3
GEM 4 - Scientific Ways of Knowing		3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**15**
SEMESTER 4		
ART-286	Professional Practices	2
ART-288	Intermediate Digital Photography	3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
GEM 7W - Wellness		1-3
Electives (minimum 1 GEM credit)*		3
	Credits	**15-17**

SEMESTER 1		CREDITS
	Total Credits	**60-64**

*36 total GEM credits are required. This one credit may not be needed depending on the courses completed for GEM 3, GEM 4, or GEM 7W.

Part-Time Pathway

Part-Time Pathway

Fine Art Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
ART-111	Drawing I	2
ART-121	2-D/Design Foundations	3
Select one of the following:		3
ART-100	Introduction to Art	
ART-101	Art History from Caves to Cathedrals	
ART-102	Art History from Da Vinci to Digital	
	Credits	**11**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
ART-112 or ART-217	Drawing II or Life Drawing I	2-3
ART-122	3-D/Design Foundations I	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**11-14**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
ART-231 or ART-232	Beginning Painting I or Beginning Painting II	3
ART-241 or ART-242	Sculpture I or Sculpture II	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**12**
SEMESTER 4		
GEM 4 - Scientific Ways of Knowing		4
GEM 7W - Wellness		1-3
Select one of the following: Milestone course		3
ART-183	Intro to Digital Photography	
ART-251	Printmaking I	
ART-252	Printmaking II	
ART-261	Ceramics I	
ART-262	Ceramics II	
ART-281	Watercolor I	

SEMESTER 1		CREDITS
ART-282	Watercolor II	
	Credits	**8-10**
SEMESTER 5		
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
Select one of the following: Milestone course		3
ART-183	Intro to Digital Photography	
ART-251	Printmaking I	
ART-252	Printmaking II	
ART-261	Ceramics I	
ART-262	Ceramics II	
ART-281	Watercolor I	
ART-282	Watercolor II	
	Credits	**9**
SEMESTER 6		
ART-286	Professional Practices	2
GEM 4 - Scientific Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM Course 1		1
	Credits	**9**
	Total Credits	**60-65**

Photography Pathway

SEMESTER 1		CREDITS
ART-121	2-D/Design Foundations	3
ART-183	Intro to Digital Photography	3
ENGL-101	Writing and Rhetoric I	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**12**
SEMESTER 2		
ART-111	Drawing I	2
ART-122	3-D/Design Foundations I	3
ENGL-102	Writing and Rhetoric II	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**11-13**
SEMESTER 3		
Select one of the following:		3
ART-100	Introduction to Art	
ART-101	Art History from Caves to Cathedrals	
ART-102	Art History from Da Vinci to Digital	
ART-185	Adobe Photoshop and Lightroom	3
GEM 4 - Scientific Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**10-12**
SEMESTER 4		
ART-287 or ART-289	Nature Photography or Photojournalism	3
COMM-101	Fundamentals of Oral Communication	3
GEM 4 - Scientific Ways of Knowing		4
	Credits	**10**
SEMESTER 5		
ART-288	Intermediate Digital Photography	3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**9**
SEMESTER 6		

SEMESTER 1		CREDITS
ART-286	Professional Practices	2
GEM 6 - Social and Behavioral Ways of Knowing		3
Electives (minimum 1 GEM credit) *		3
	Credits	**8**
	Total Credits	**60-64**

*36 total GEM credits are required. This one credit may not be needed depending on the courses completed for GEM 3, GEM 4, or GEM 7W.

Automotive Technology AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Trades and Industry

Description
This program is designed to prepare students for employment as entry-level technicians in the automotive repair industry. All ASE (Automotive Service Excellence) areas will be taught through the use of lecture, mock-ups, and customer vehicles. Successful completion of each semester or permission of the instructor is required for admission to the next semester. Due to the complexity of cars today, the industry requires a high degree of reading and comprehension skills. Placement in specific English and courses math is determined by the college assessment test. The North Idaho College Automotive Technology program is NATEF certified and is taught by ASE Master Technicians. Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Contact Information: Trades & Industry Division Parker Technical Education Center 7064 West Lancaster Road Rathdrum, ID 83858 Phone: (208) 769-3448

Requirements

SEMESTER 1		CREDITS
AUTO-102	Automotive Technology Fundamentals and Safety	2
AUTO-111	Manual Drive Trains and Axles	2
AUTO-118	Electrical Systems	3
AUTO-119L	Automotive Lab I	7
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**17-19**
SEMESTER 2		
AUTO-124	Brakes, Suspension and Steering	2
AUTO-127	Engine Repair	3
AUTO-129L	Automotive Lab II	7
ENGL-101	Writing and Rhetoric I	3
	Credits	**15**
SEMESTER 3		
AUTO-231	Engine Performance I	3
AUTO-233	Electrical Systems II and HVAC	2
AUTO-235L	Advanced Automotive Lab III	7
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**15**
SEMESTER 4		
AUTO-241	Automatic Transmissions/Transaxles	3
AUTO-243	Engine Performance II	2
COMM-101	Fundamentals of Oral Communication	3
A.A.S. Institutionally Designated		3
Select one of the following:		7
AUTO-245L	Advanced Automotive Lab IV	
AUTO-246L & AUTO-290	Advanced Automotive Lab V and Advanced Automotive Internship	
	Credits	**18**
	Total Credits	**65-67**

Outcomes

Upon completion of the program, students will be able to:

1. Understand, explain, and model proper safety procedures in regards to overall shop safety practices with emphasis on maintenance/repair of automotive systems. Complete and pass nationally recognized S/P2, online safety training before attending any lab courses.
2. Effectively troubleshoot and repair the following automotive systems, following NATEF program standards:
    1. Engine Repair
    2. Manual Drive Train and Axles
    3. Suspension and Steering systems
    4. Brakes
    5. Electrical systems
3. Demonstrate good, productive work habits, and basic computation and communications skills when performing both technical and general functions required of an automotive technician.
4. Demonstrate effective diagnosis and repair of the following automotive systems:
    1. Engine Repair
    2. Automatic Transmissions and Transaxles
    3. Manual Drive Train and Axles
    4. Suspension and Steering systems
    5. Brakes
    6. Electrical/Electronic systems
    7. Heating and Air conditioning systems
    8. Engine performance
5. Analyze vehicle malfunctions and formulate a process of diagnosis.
6. Employ the proper operation of mechanical and electrical test equipment.
7. Evaluate test results to predict the most likely root cause.
8. Formulate the most efficient repair procedure.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Automotive Technology ATC

Overview

Degree/Certificate
Advanced Technical Certificate

Interest Areas
Trades and Industry

Description
This program is designed to prepare students for employment as entry-level technicians in the automotive repair industry. All ASE (Automotive Service Excellence) areas will be taught through the use of lecture, mock-ups, and customer vehicles. Successful completion of each semester or permission of the instructor is required for admission to the next semester. Due to the complexity of cars today, the industry requires a high degree of reading and comprehension skills. Placement in specific English and courses math is determined by the college assessment test. The North Idaho College Automotive Technology program is NATEF certified and is taught by ASE Master Technicians. Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Contact Information: Trades & Industry Division Parker Technical Education Center 7064 West Lancaster Road Rathdrum, ID 83858 Phone: (208) 769-3448

Requirements

SEMESTER 1		CREDITS
AUTO-102	Automotive Technology Fundamentals and Safety	2
AUTO-111	Manual Drive Trains and Axles	2
AUTO-118	Electrical Systems	3
AUTO-119L	Automotive Lab I	7
Select one of the following:		3-5
GEM 3 - A.A.S. Mathematical Ways of Knowing		
MCTE-101	Technical Mathematics	
MCTE-104	Technical Mathematics for Automotive Technology and Diesel	
	Credits	**17-19**
SEMESTER 2		
AUTO-124	Brakes, Suspension and Steering	2
AUTO-127	Engine Repair	3
AUTO-129L	Automotive Lab II	7
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**15**
SEMESTER 3		
ATEC-117	Occupational Relations and Job Search	2
AUTO-231	Engine Performance I	3
AUTO-233	Electrical Systems II and HVAC	2
AUTO-235L	Advanced Automotive Lab III	7
	Credits	**14**
SEMESTER 4		
AUTO-241	Automatic Transmissions/Transaxles	3
AUTO-243	Engine Performance II	2
Select one of the following:		7
AUTO-245L	Advanced Automotive Lab IV	
AUTO-246L & AUTO-290	Advanced Automotive Lab V and Advanced Automotive Internship	
	Credits	**12**
	Total Credits	**58-60**

Outcomes

Upon completion of the program, students will be able to:

1. Understand, explain, and model proper safety procedures in regards to overall shop safety practices with emphasis on maintenance/repair of automotive systems. Complete and pass nationally recognized S/P2, online safety training before attending any lab courses.
2. Effectively troubleshoot and repair the following automotive systems, following NATEF program standards:
    1. Engine Repair
    2. Manual Drive Train and Axles
    3. Suspension and Steering systems
    4. Brakes
    5. Electrical systems
3. Demonstrate good, productive work habits, and basic computation and communications skills when performing both technical and general functions required of an automotive technician.
4. In addition to the above outcomes, the Advanced Technical Certificate outcomes include:
5. Demonstrate effective diagnosis and repair of the following automotive systems:
    1. Engine Repair
    2. Automatic Transmissions and Transaxles
    3. Manual Drive Train and Axles
    4. Suspension and Steering systems
    5. Brakes
    6. Electrical/Electronic systems
    7. Heating and Air conditioning systems
    8. Engine performance
6. Analyze vehicle malfunctions and formulate a process of diagnosis.
7. Employ the proper operation of mechanical and electrical test equipment.
8. Evaluate test results to predict the most likely root cause.
9. Formulate the most efficient repair procedure

Automotive Technology ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Trades and Industry

Description
This program is designed to prepare students for employment as entry-level technicians in the automotive repair industry. All ASE (Automotive Service Excellence) areas will be taught through the use of lecture, mock-ups, and customer vehicles. Successful completion of each semester or permission of the instructor is required for admission to the next semester. Due to the complexity of cars today, the industry requires a high degree of reading and comprehension skills. Placement in specific English and courses math is determined by the college assessment test. The North Idaho College Automotive Technology program is NATEF certified and is taught by ASE Master Technicians. Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Contact Information: Trades & Industry Division Parker Technical Education Center 7064 West Lancaster Road Rathdrum, ID 83858 Phone: (208) 769-3448

Requirements

SEMESTER 1		CREDITS
ATEC-117	Occupational Relations and Job Search	2
AUTO-102	Automotive Technology Fundamentals and Safety	2
AUTO-111	Manual Drive Trains and Axles	2
AUTO-118	Electrical Systems	3
AUTO-119L	Automotive Lab I	7
MCTE-104	Technical Mathematics for Automotive Technology and Diesel	3
	Credits	**19**
SEMESTER 2		
AUTO-124	Brakes, Suspension and Steering	2
AUTO-127	Engine Repair	3
AUTO-129L	Automotive Lab II	7
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**15**
	Total Credits	**34**

Outcomes

Upon completion of the program, students will be able to:

1. Understand, explain, and model proper safety procedures in regards to overall shop safety practices with emphasis on maintenance/repair of automotive systems. Complete and pass nationally recognized S/P2, online safety training before attending any lab courses.
2. Effectively troubleshoot and repair the following automotive systems, following NATEF program standards:
    1. Engine Repair
    2. Manual Drive Train and Axles
    3. Suspension and Steering systems
    4. Brakes
    5. Electrical systems
3. Demonstrate good, productive work habits, and basic computation and communications skills when performing both technical and general functions required of an automotive technician.

Pre-Microbiology/Medical Technology AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Health Professions

Description
The Pre-Microbiology/Medical Technology program is designed for students who desire professional careers in applications of control and diagnosis of diseases, agriculture, food technology, genetic engineering, environmental/pollution control, clinical lab work in hospitals, public health and research labs, and in industrial and pharmaceutical laboratories. Completion of the following coursework results in an associate degree with an area of emphasis in Pre-Microbiology/Medical Technology. The required coursework normally fulfills the first half of baccalaureate degree requirements in Microbiology/Medical Technology. Course selection should be tailored to match requirements of intended transfer institutions.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
BACT-250	General Microbiology	4
BIOL-115	Introduction to Life Sciences	4
CHEM-111	General Chemistry I	5
CHEM-112	Principles of General College Chemistry II	5
CHEM-277	Organic Chemistry I	3
CHEM-278	Organic Chemistry I Lab	1
CHEM-287	Organic Chemistry II	3
CHEM-288	Organic Chemistry II Lab	1
MATH-170	Calculus I	4
PHYS-111	General Physics I	4
PHYS-112	General Physics II	4
Total Credits		**63-65**

*This General Education Requirement is met by the Program Requirements.

Full-Time Pathway

Part-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
MATH-170	Calculus I	4
	Credits	**15**
SEMESTER 2		
BIOL-115	Introduction to Life Sciences	4
CHEM-112	Principles of General College Chemistry II	5
ENGL-102	Writing and Rhetoric II	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15**
SEMESTER 3		
BACT-250	General Microbiology	4
CHEM-277	Organic Chemistry I	3
CHEM-278	Organic Chemistry I Lab	1
PHYS-111	General Physics I	4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**16-18**
SEMESTER 4		
CHEM-287	Organic Chemistry II	3
CHEM-288	Organic Chemistry II Lab	1
PHYS-112	General Physics II (Spring only)	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**17**
	Total Credits	**63-65**

Part-Time Pathway

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
ENGL-101	Writing and Rhetoric I	3
MATH-170	Calculus I	4
	Credits	**12**
SEMESTER 2		
BIOL-115	Introduction to Life Sciences	4
CHEM-112	Principles of General College Chemistry II	5
ENGL-102	Writing and Rhetoric II	3
	Credits	**12**
SEMESTER 3		
CHEM-277	Organic Chemistry I	3
CHEM-278	Organic Chemistry I Lab	1
PHYS-111	General Physics I	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**11**
SEMESTER 4		
CHEM-287	Organic Chemistry II	3
CHEM-288	Organic Chemistry II Lab	1
PHYS-112	General Physics II	4
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**11**
SEMESTER 5		
BACT-250	General Microbiology	4
COMM-101	Fundamentals of Oral Communication	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**10**
SEMESTER 6		
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
GEM 7W - Wellness		1-3
	Credits	**7-9**
	Total Credits	**63-65**

Basic Bookkeeping and Small Business Support BTC

Overview

Degree/Certificate
Basic Technical Certificate

Interest Areas
Business

Description
The Basic Technical Certificate in Basic Bookkeeping and Small Business Support is an entry-level program designed as a stepping stone for anyone looking to prepare for an entry-level career in bookkeeping and support of small businesses.

Contact Information: Career & Technical Professional Programs Division Hedlund Building, Room 101 Phone: (208) 769-3226

Requirements

BOAA-110	Small Business Accounting	3
CAOT-120	Word Processing/Word I*	1
CAOT-130	Spreadsheets/Excel I	1
ENTP-105	Entrepreneurship Skills	3
Total Credits		**8**

*To meet industry recommendations, students must possess keyboarding skills of at least 35 wpm with 95% accuracy. NIC will assess this skill in the CAOT-120 course.

Outcomes
Upon completion, the student should be able to:

1. Demonstrate a strong understanding of small business accounting principles.
2. Identify essential entrepreneurial skills.
3. Enhance proficiency in spreadsheet and word processing software.

Biology AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Science, Technology, Engineering, and Mathematics

Description
The biological sciences deal with the basic principles of all living things: structure, function, and ecological associations. An understanding of biological principles is important in a wide variety of fields, including medical sciences, education, agriculture, forestry, and environmental sciences. Completion of the following courses results in an Associate of Science Degree with an area of emphasis in Biology. The required coursework normally fulfills the first half of baccalaureate degree requirements in Biology. Course selection should be tailored to match requirements defined by the intended transfer institution.

Contact Information: Natural Sciences Division Meyer Health and Sciences Building, Room 250 Phone: (208) 769-3495

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
BIOL-114	Organisms and Environments	4
BIOL-115	Introduction to Life Sciences	4
CHEM-111	General Chemistry I	5
CHEM-112	Principles of General College Chemistry II	5
PHYS-111	General Physics I	4-5
or PHYS-211	Engineering Physics I	
MATH-160	Survey of Calculus	4
or MATH-170	Calculus I	
Program Electives**		**9**
BACT-250	General Microbiology	
BIOL-101	Introduction to Natural Resources	
BIOL-175	Human Biology	
or BIOL-227	Human Anatomy and Physiology I	
BIOL-221	Forest Ecology	
or BIOL-231	General Ecology	
BIOL-228	Human Anatomy and Physiology II With Cadaver	
BIOL-251	Principles of Range Resources Management	
BIOL-290	Principles of Wildlife Biology	
BTNY-203	General Botany	
BTNY-241	Systematic Botany	

CHEM-253	Quantitative Analysis	
CHEM-275	Carbon Compounds	
CHEM-277	Organic Chemistry I	
CHEM-278	Organic Chemistry I Lab	
CHEM-287	Organic Chemistry II	
CHEM-288	Organic Chemistry II Lab	
MATH-253	Statistical Methods	
PHYS-112	General Physics II	
or PHYS-212	Engineering Physics II	
ZOOL-202	General Zoology	
Total Credits		**60-63**

*This General Education Requirement is met by the Program Requirements.

**Select courses based on major and/or intended transfer institution.

Outcomes

Upon completion of the program, students will be able to:

1. Explain major concepts in biological sciences.
2. Demonstrate proper lab techniques and use of biological instrumentation.
3. Communicate biological knowledge in oral and written form.
4. Explain the relationships between structure and function at all levels of the biological hierarchy.
5. Read, interpret and critically respond to scientific information.
6. Demonstrate ethical conduct in scientific activities.
7. Apply foundational knowledge to interact with organic, biological specimens in order to develop laboratory and observational skills, and to enhance understanding of the relationships between form and function.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		**CREDITS**
BIOL-114	Organisms and Environments	4
CHEM-111	General Chemistry I	5
ENGL-101	Writing and Rhetoric I	3
MATH-160 or MATH-170	Survey of Calculus or Calculus I	4
	Credits	**16**
SEMESTER 2		
BIOL-115	Introduction to Life Sciences	4
CHEM-112	Principles of General College Chemistry II	5
ENGL-102	Writing and Rhetoric II	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
PHYS-111 or PHYS-211	General Physics I or Engineering Physics I	4-5
Program Electives		4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**15-18**
SEMESTER 4		
Program Electives		5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**14**
	Total Credits	**60-63**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
MATH-160 or MATH-170	Survey of Calculus or Calculus I	4
	Credits	**9**
SEMESTER 2		
BIOL-114	Organisms and Environments	4
CHEM-112	Principles of General College Chemistry II	5
	Credits	**9**
SUMMER 1		
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
	Credits	**6**
SEMESTER 3		
BIOL-115	Introduction to Life Sciences	4
ENGL-102	Writing and Rhetoric II	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**10**
SEMESTER 4		
PHYS-111 or PHYS-211	General Physics I or Engineering Physics I	4-5
Program Elective		3
	Credits	**7-8**
SUMMER 2		
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**6**
SEMESTER 5		
Program Elective		3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**7-9**

SEMESTER 1		CREDITS
SEMESTER 6		
Program Elective		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**6**
	Total Credits	**60-63**

Business Management - General Business BTC

Overview

Degree/Certificate
Basic Technical Certificate

Interest Areas
Business

Description
The Business Management program provides students with an associate of applied science degree to fit educational and professional goals geared towards business leadership and management. The components of the A.A.S. degree consist of three areas: 1) completion of General Business Core, 2) completion of three Basic Technical Certificates for a rich mix of Career and Technical Areas of Competence (CTAC), and 3) completion of the General Education requirements for a total of 60-62 credits. Successful completion of each of the Basic Technical Certificates will enable students to specialize in specific areas of interest for entry-level positions that meet their individual career goals. Placement in some of the courses in the CTAC may be determined by college assessment tests or prior to completion of prerequisites.

Contact Information: Career & Technical Professional Programs Division Hedlund Building, Room 101 Phone: (208) 769-3226

Requirements

SUBJECT/NUMBER	TITLE	CREDITS
BLDR-105	Customer Service	3
BUSA-101	Introduction to Business	3
BUSA-211	Principles of Management	3
Total Credits		**9**

Outcomes
Upon completion of this program, students will be able to:

1. Demonstrate time management techniques.
2. Encourage customer loyalty.
3. Read and interpret the information contained in a company's financial statement.
4. Understand the role and primary goal of different fields of business (production, human resources, marketing, research and development, information systems).
5. Become proficient with an entry-level business vocabulary.
6. Explain why management controls are necessary and be able to discuss the basic requirements of the control process.
7. Identify and explain the ethical components and philosophical approaches used in the business environment.

Business Management - Human Resource Management BTC

Overview

Degree/Certificate
Basic Technical Certificate

Interest Areas
Business

Description
The Business Management program provides students with an associate of applied science degree to fit educational and professional goals geared towards business leadership and management. The components of the A.A.S. degree consist of three areas: 1) completion of General Business Core, 2) completion of three Basic Technical Certificates for a rich mix of Career and Technical Areas of Competence (CTAC), and 3) completion of the General Education requirements for a total of 60-62 credits. Successful completion of each of the Basic Technical Certificates will enable students to specialize in specific areas of interest for entry-level positions that meet their individual career goals. Placement in some of the courses in the CTAC may be determined by college assessment tests or prior to completion of prerequisites.

Contact Information: Career & Technical Professional Programs Division Hedlund Building, Room 101 Phone: (208) 769-3226

Requirements

SUBJECT/ NUMBER	TITLE	CREDITS
BLDR-132	Employee Benefits and Compensation	3
BMGT-260	Human Resource Management	3
BUSA-265	Legal Environment of Business	3
HRA-210	Recruiting, Selection, and Retention	3
Total Credits		**12**

Outcomes
Upon completion of this program, students will be able to:

1. Analyze compensation plan components.
2. Acquire and retain employees who match position requirements and fulfill organizational objectives.
3. Discuss HR planning strategies and system implementations.
4. Identify and evaluate quality and performance improvement strategies.
5. Demonstrate the ability to recognize and identify legal issues in the business environment.
6. Develop the ability to analyze legal issues and increase critical thinking skills.
7. Recognize the importance of respecting laws and working within the framework of our existing legal system.

Business Management AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Business

Description
The Business Management program provides students with an associate of applied science degree to fit educational and professional goals geared towards business leadership and management. The components of the A.A.S. degree consist of three areas: 1) completion of General Business Core, 2) completion of three Basic Technical Certificates for a rich mix of Career and Technical Areas of Competence (CTAC), and 3) completion of the A.A.S. General Education requirements. Successful completion of each of the Basic Technical Certificates will enable students to specialize in specific areas of interest for entry-level positions that meet their individual career goals. Placement in some of the courses in the CTAC may be determined by college assessment tests or prior to completion of prerequisites.

Contact Information: Career & Technical Professional Programs Division Hedlund Building, Room 101 Phone: (208) 769-3226

Requirements

SEMESTER 1		CREDITS
BLDR-105	Customer Service	3
BUSA-101	Introduction to Business	3
COMM-101	Fundamentals of Oral Communication	3
ENTP-105	Entrepreneurship Skills	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
	Credits	**15-16**
SEMESTER 2		
BUSA-221	Principles of Marketing	3
ENTP-125	Small Business Financial Management	3
ENTP-135	Business Development and Planning	3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**15-17**
SEMESTER 3		
BLDR-110	Supervisory Management	3
BLDR-122	Leadership	3
BUSA-211	Principles of Management	3
ECON-201	Principles of Macroeconomics	3
HRA-210	Recruiting, Selection, and Retention	3
	Credits	**15**
SEMESTER 4		
BLDR-132 or BMGT-291	Employee Benefits and Compensation or Business Management Internship	3
BMGT-256	Problem Solving Through Team Dynamics	3
BMGT-260	Human Resource Management	3
BUSA-234	Ethical Conduct in Business	3
BUSA-265	Legal Environment of Business	3
	Credits	**15**
	Total Credits	**60-63**

Outcomes

Upon completion of the program, students will be able to:

1. Use basic management, problem solving, interpersonal, and collaborative skills to complete work independently or in a team as would generally be expected in an entry-level management position in a business.
2. Demonstrate an understanding of and competency in basic time, cost, quality, personnel and risk management principles in business.
3. Develop key business skills and knowledge needed to be successful when launching and/or operating a business.
4. Apply basic theories and best practices of business managers and leaders in a business setting.
5. Develop and refine business idea(s) from concept through a complete business plan for a new business venture or for a new service or product line for an existing business.
6. Confidently demonstrate written and verbal communication professionally to subordinates, peers, superiors, potential customers and stakeholders.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Business Management - Supervision Emphasis BTC

Overview

Degree/Certificate

Basic Technical Certificate

Interest Areas

Business

Description

The Business Management program provides students with an associate of applied science degree to fit educational and professional goals geared towards business leadership and management. The components of the A.A.S. degree consist of three areas: 1) completion of General Business Core, 2) completion of three Basic Technical Certificates for a rich mix of Career and Technical Areas of Competence (CTAC), and 3) completion of the General Education requirements for a total of 60-62 credits. Successful completion of each of the Basic Technical Certificates will enable students to specialize in specific areas of interest for entry-level positions that meet their individual career goals. Placement in some of the courses in the CTAC may be determined by college assessment tests or prior to completion of prerequisites.

Contact Information: Career & Technical Professional Programs Division Hedlund Building, Room 101 Phone: (208) 769-3226

Requirements

SUBJECT/ NUMBER	TITLE	CREDITS	
BLDR-110	Supervisory Management	3	
BLDR-122	Leadership	3	
BMGT-256	Problem Solving Through Team Dynamics	3	
BUSA-234	Ethical Conduct in Business	3	
Total Credits		**12**	

Outcomes

Upon completion of this program, students will be able to:

1. Analyze the role of a supervisor.
2. Examine key supervisory management principles.
3. Identify and explain the decision criteria, moral creativity and ethical reasoning in fostering social responsibility in the workplace.
4. Demonstrate an understanding of the stakeholders approach to business ethics and ethical reasoning.
5. Employ coaching techniques.
6. Develop personal leadership statement.

7. Understand and explain the basic functions, roles, duties and environments associated with team dynamics.
8. Understand and explain the basic functions, roles, duties and environments associated with problem solving techniques, both formally and informally.

Business Management - Entrepreneurship BTC

Overview

Degree/Certificate
Basic Technical Certificate

Interest Areas
Business

Description
The Business Management program provides students with an associate of applied science degree to fit educational and professional goals geared towards business leadership and management. The components of the A.A.S. degree consist of three areas: 1) completion of General Business Core, 2) completion of three Basic Technical Certificates for a rich mix of Career and Technical Areas of Competence (CTAC), and 3) completion of the General Education requirements for a total of 60-62 credits. Successful completion of each of the Basic Technical Certificates will enable students to specialize in specific areas of interest for entry-level positions that meet their individual career goals. Placement in some of the courses in the CTAC may be determined by college assessment tests or prior to completion of prerequisites.

Contact Information: Career & Technical Professional Programs Division Hedlund Building, Room 101 Phone: (208) 769-3226

Requirements

SUBJECT/ NUMBER	TITLE	CREDITS
BUSA-221	Principles of Marketing	3
ENTP-105	Entrepreneurship Skills	3
ENTP-125	Small Business Financial Management	3
ENTP-135	Business Development and Planning	3
Total Credits		**12**

Outcomes
Upon completion of this program, students will be able to:

1. Identify key business skills and knowledge needed to be successful when opening/operating a small business.
2. Identify and analyze innovative business opportunities, assessing feasibility/viability of concepts.
3. Develop and refine business idea(s) from concept through a complete business plan.
4. Develop the ability to pitch a new venture concept to potential customers and investors.

5. Launch a business venture of one's own, OR apply concepts gained through the program to foster innovation and growth within an existing company.

Bookkeeping/Accounting Assistant AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Business

Description
The Bookkeeping/Accounting Assistant program prepares students for occupational opportunities in the field of bookkeeping including payroll clerk, accounts receivable clerk, accounts payable clerk, and full-charge bookkeeper. Bookkeeping and related fields involve the day-to-day analyzing and recording of business transactions, preparing payroll, preparing financial reports, filing state and federal forms, analyzing data, and making decisions. Students will complete general education, general business, and bookkeeping/accounting specific courses that will lead to a Basic Technical Certificate, an Intermediate Technical Certificate, an Advanced Technical Certificate, or an Associate of Applied Science degree. Emphasis is placed on manual and computerized accounting applications, current business taxes, fraud investigation, and payroll. During the final semester of the A.A.S. degree, students will participate in an off-campus, 135 hour bookkeeping/accounting internship which is the capstone course for this program. Note: To meet industry recommendations, students must possess keyboarding skills of at least 35 wpm with 95% accuracy. NIC will assess this skill in the CAOT-120 course.

Contact Information: Career & Technical Professional Programs Division Hedlund Building, Room 101 Phone: (208) 769-3226

Requirements

SEMESTER 1		CREDITS
BOAA-110	Small Business Accounting*	3
BOAA-150	10-Key Skill Building	1
CAOT-120	Word Processing/Word I	1
CAOT-123	A.I. Essentials for the Workplace	3
CAOT-130	Spreadsheets/Excel I	1
CAOT-131	Spreadsheets/Excel II	1
CAOT-132	Spreadsheets/Excel III	1
CAOT-140	Database/Access I	1
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
	Credits	**15-16**
SEMESTER 2		
BOAA-111	Small Business Accounting II	3
BOAA-113	Payroll Accounting	3
BOAA-140	QuickBooks	3
CAOT-121	Word Processing/Word II	1
COMM-101	Fundamentals of Oral Communication	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**16-18**
SEMESTER 3		
BOAA-243	Fraud Investigation	1
BOAA-246	Current Business Taxes	3
CAOT-115	Outlook	1
CAOT-183	Business Editing and Proofreading	3
CAOT-184	Records Systems Management	3
CAOT-205	Business Document Formatting/ Transcription	2
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**16**
SEMESTER 4		
BLDR-120	Financial Business Applications	3
BOAA-290	Bookkeeping/Accounting Assist Internship	3

SEMESTER 1		CREDITS
CAOT-124	Social Media Marketing	3
CAOT-210	Office Procedures and Technologies	3
ECON-201	Principles of Macroeconomics	3
Select 3 credits from the following:		3
BLDR-132	Employee Benefits & Compensation	
BUSA-101	Introduction to Business	
BUSA-265	Legal Environment of Business	
CAOT-122	Word Processing/Word III	
CAOT-164	Computer Fundamentals for Technical Programs	
CAOT-166	Living Online for Technical Programs	
CAOT-204	Career Leadership	
ENTP-105	Entrepreneurship Skills	
	Credits	**18**
	Total Credits	**65-68**

*Students intending to obtain a four-year degree in accounting should take ACCT-201, Principles of Accounting.

Outcomes

Upon completion, the student should be able to:

1. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in business.
2. Analyze and record financial transactions in a manual and computerized accounting system utilizing generally accepted accounting principles (GAAP).
3. Prepare financial statements according to generally accepted accounting principles.
4. Process payroll transactions in accordance with current payroll reporting requirements.
5. Complete accounting cycle tasks using general ledger accounting software.
6. Develop skill and proficiency using the latest version of QuickBooks. Proficiency leads to certification.
7. Utilize current income tax resources to prepare personal income tax returns.
8. Demonstrate professionalism through acceptable attitude, organization and time management skills, and attire.
9. Utilize various types of office machines and technologies.
10. Identify ethical issues associated with accounting and business situations. Apply appropriate principles of ethics and civic responsibility.

Professional Bookkeeping & Recordkeeping ATC

Overview

Degree/Certificate
Advanced Technical Certificate

Interest Areas
Business

Description
The Bookkeeping/Accounting Assistant program prepares students for occupational opportunities in the field of bookkeeping including payroll clerk, accounts receivable clerk, accounts payable clerk, and full-charge bookkeeper. Bookkeeping and related fields involve the day-to-day analyzing and recording of business transactions, preparing payroll, preparing financial reports, filing state and federal forms, analyzing data, and making decisions. Students will complete general education, general business, and bookkeeping/accounting specific courses that will lead to a Basic Technical Certificate, an Intermediate Technical Certificate, an Advanced Technical Certificate, or an Associate of Applied Science degree. Emphasis is placed on manual and computerized accounting applications, current business taxes, fraud investigation, and payroll.

Requirements

SEMESTER 1		CREDITS
BOAA-110	Small Business Accounting*	3
BOAA-150	10-Key Skill Building	1
CAOT-123	A.I. Essentials for the Workplace	3
CAOT-130	Spreadsheets/Excel I	1
CAOT-131	Spreadsheets/Excel II	1
CAOT-183 or ENGL-101 or ENGL-101P	Business Editing and Proofreading or Writing and Rhetoric I or Writing and Rhetoric I	3-4
Select one of the following:		3-5
BLDR-120	Financial Business Applications	
MCTE-101	Technical Mathematics	
GEM 3 - Mathematical Ways of Knowing		
	Credits	**15-17**
SEMESTER 2		
BOAA-111	Small Business Accounting II	3
CAOT-115	Outlook	1
CAOT-120	Word Processing/Word I 1	1
CAOT-132	Spreadsheets/Excel III	1
COMM-101	Fundamentals of Oral Communication	3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**12**
SEMESTER 3		
BOAA-140	QuickBooks	3
BOAA-243	Fraud Investigation	1
BOAA-246	Current Business Taxes	3
CAOT-140	Database/Access I	1
CAOT-184	Records Systems Management	3
CAOT-205	Business Document Formatting/ Transcription	2
	Credits	**13**
SEMESTER 4		
BOAA-113	Payroll Accounting	3

SEMESTER 1		CREDITS
BOAA-290	Bookkeeping/Accounting Assist Internship	3
CAOT-121	Work Processing/Word II	1
CAOT-210	Office Procedures and Technologies	3
Select 3 credits from the following:		3
BLDR-132	Employee Benefits and Compensation	
BUSA-101	Introduction to Business	
CAOT-122	Word Processing/Word III	
CAOT-124	Social Media Marketing	
CAOT-164	Computer Fundamentals for Technical Programs	
CAOT-166	Living Online for Technical Programs	
CAOT-204	Career Leadership	
ENTP-105	Entrepreneurship Skills	
	Credits	**12**
	Total Credits	**52-54**

*Students intending to obtain a four-year degree in accounting should take ACCT-201, Principles of Accounting.

Outcomes

Upon completion, the student should be able to:

1. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in business.
2. Analyze and record financial transactions in a manual and computerized accounting system utilizing generally accepted accounting principles (GAAP).
3. Prepare financial statements according to generally accepted accounting principles.
4. Process payroll transactions in accordance with current payroll reporting requirements.
5. Complete accounting cycle tasks using general ledger accounting software.
6. Develop skill and proficiency using the latest version of QuickBooks. Proficiency leads to certification.
7. Utilize current income tax resources to prepare personal income tax returns.
8. Demonstrate professionalism through acceptable attitude, organization and time management skills, and attire.
9. Utilize various types of office machines and technologies.

10. Identify ethical issues associated with accounting and business situations. Apply appropriate principles of ethics and civic responsibility.

Bookkeeping Fundamentals ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Business

Description
The Bookkeeping/Accounting Assistant program prepares students for occupational opportunities in the field of bookkeeping including payroll clerk, accounts receivable clerk, accounts payable clerk, and full-charge bookkeeper. Bookkeeping and related fields involve the day-to-day analyzing and recording of business transactions, preparing payroll, preparing financial reports, filing state and federal forms, analyzing data, and making decisions. Students will complete general education, general business, and bookkeeping/accounting specific courses that will lead to a Basic Technical Certificate, an Intermediate Technical Certificate, an Advanced Technical Certificate, or an Associate of Applied Science degree. Emphasis is placed on manual and computerized accounting applications, current business taxes, fraud investigation, and payroll.

Contact Information: Career & Technical Professional Programs Division Hedlund Building, Room 101 Phone: (208) 769-3226

Requirements

SEMESTER 1		CREDITS
BOAA-110	Small Business Accounting*	3
BOAA-150	10-Key Skill Building	1
BUSA-101	Introduction to Business	3
CAOT-115	Outlook	1
CAOT-120	Word Processing/Word I*	1
CAOT-130	Spreadsheets/Excel I	1
CAOT-183 or ENGL-101 or ENGL-101P	Business Editing and Proofreading or Writing and Rhetoric I or Writing and Rhetoric I	3-4
Select one of the following:		3-5
BLDR-120	Financial Business Applications	
MCTE-101	Technical Mathematics	
GEM 3 - Mathematical Ways of Knowing		
	Credits	**16-19**
SEMESTER 2		
BOAA-111	Small Business Accounting II	3
BOAA-113	Payroll Accounting	3
BOAA-140	QuickBooks	3
CAOT-131	Spreadsheets/Excel II	1
CAOT-140	Database/Access I	1
CAOT-184	Records Systems Management	3
CAOT-210	Office Procedures and Technologies	3
	Credits	**17**
	Total Credits	**33-36**

*Students intending to obtain a four-year degree in accounting should take ACCT-201, Principles of Accounting.

Outcomes

Upon completion, the student should be able to:

1. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in business.
2. Analyze and record financial transactions in a manual and computerized accounting system utilizing generally accepted accounting principles (GAAP).
3. Prepare financial statements according to generally accepted accounting principles.
4. Process payroll transactions in accordance with current payroll reporting requirements.
5. Complete accounting cycle tasks using general ledger accounting software.
6. Develop skill and proficiency using the latest version of QuickBooks. Proficiency leads to certification.

Business AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Business

Description
This program prepares students to be successful in foundational business principles such as accounting, economics, marketing, management, and communication. Students will also gain knowledge in decision-making skills faced by today's business world. Business studies lead to career opportunities such as finance, accounting, information systems, economics, human resources management, marketing, production management, and more. The coursework in this program normally fulfills the first two-years of a baccalaureate degree at four-year transfer institutions. It is recommended students consult with an advisor and refer to the transfer institution's catalog to ensure courses taken at NIC will fulfill requirements at their transfer institution.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6-8
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing **		3
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
ACCT-201	Principles of Accounting	3
ACCT-202	Managerial Accounting	3
BUSA-101	Introduction to Business	3
ECON-201	Principles of Macroeconomics	3
*Select five of the folllowing:		15
BUSA-100	Digital Literacy in Business	
BUSA-211	Principles of Management	
BUSA-221	Principles of Marketing	
BUSA-251	Business Statistics	
BUSA-265	Legal Environment of Business	
ECON-202	Principles of Microeconomics	
ENGL-272	Business Writing	
Total Credits		**60-66**

*Consult with your business faculty advisor and/or consult the college catalog of your intended transfer institution to determine transferability of courses.

**This General Education Requirement is partially met by the Program Requirements.

Outcomes

Upon completion of the program, students will be able to:

1. Effectively communicate in both oral and written formats.

2. Identify and explain the major functional areas of the business organizations including management, marketing, finance, and accounting.
3. Apply accounting and mathematical concepts and principles in making decisions about business operations.
4. Assess the relationships and inter-dependencies of economic, social, legal, and global environments in which businesses operate.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
BUSA-101	Introduction to Business	3
COMM-101	Fundamentals of Oral Communication	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**15-16**
SEMESTER 2		
ECON-201	Principles of Macroeconomics	3
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15-19**
SEMESTER 3		
ACCT-201	Principles of Accounting	3
GEM 4 - Scientific Ways of Knowing		3-4
*Select three of the following:		9
BUSA-100	Digital Literacy in Business	
BUSA-211	Principles of Management	
BUSA-221	Principles of Marketing	
BUSA-251	Business Statistics	
BUSA-265	Legal Environment of Business	
ECON-202	Principles of Microeconomics	
ENGL-272	Business Writing	
	Credits	**16**
SEMESTER 4		
ACCT-202	Managerial Accounting	3
GEM 7W - Wellness		1-3
Select one of the following:		3

SEMESTER 1		CREDITS
CLC-120 & CLC-130	First Year Experience Seminar and First Year Experience Learning Community Symposium	
GEM 7I - Institutionally Designated		
*Select two of the following:		6
BUSA-100	Digital Literacy in Business	
BUSA-211	Principles of Management	
BUSA-221	Principles of Marketing	
BUSA-251	Business Statistics	
BUSA-265	Legal Environment of Business	
ECON-202	Principles of Microeconomics	
ENGL-272	Business Writing	
	Credits	**14**
	Total Credits	**60-65**

*It is imperative that students meet with their business advisor to select the elective courses based on the relevant transfer program's requirements.

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
BUSA-101	Introduction to Business	3
COMM-101	Fundamentals of Oral Communication	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**12-13**
SEMESTER 2		
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**10-13**
SEMESTER 3		
ECON-201	Principles of Macroeconomics	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**9**
SEMESTER 4		
ACCT-201	Principles of Accounting	3
GEM 4 - Scientific Ways of Knowing		3-4
Select one of the following: 1		3
BUSA-100	Digital Literacy in Business	
BUSA-211	Principles of Management	
BUSA-221	Principles of Marketing	
BUSA-251	Business Statistics	
BUSA-265	Legal Environment of Business	
ECON-202	Principles of Microeconomics	
ENGL-272	Business Writing	
	Credits	**9-10**
SEMESTER 5		
ACCT-202	Managerial Accounting	3

SEMESTER 1		CREDITS
*Select two of the following:		6
BUSA-100	Digital Literacy in Business	
BUSA-211	Principles of Management	
BUSA-221	Principles of Marketing	
BUSA-251	Business Statistics	
BUSA-265	Legal Environment of Business	
ECON-202	Principles of Microeconomics	
ENGL-272	Business Writing	
	Credits	**9**
SEMESTER 6		
GEM 7W - Wellness		1-3
Select one of the following:		3
CLC-120 & CLC-130	First Year Experience Seminar and First Year Experience Learning Community Symposium	
GEM 7I - Institutionally Designated		
Select two of the following: 1		6
BUSA-100	Digital Literacy in Business	
BUSA-211	Principles of Management	
BUSA-221	Principles of Marketing	
BUSA-251	Business Statistics	
BUSA-265	Legal Environment of Business	
ECON-202	Principles of Microeconomics	
	Credits	**11**
	Total Credits	**60-65**

*It is imperative that students meet with their business advisor to select the elective courses based on the relevant transfer program's requirements.

Computer Applications BTC

Overview

Degree/Certificate
Basic Technical Certificate

Interest Areas
Business

Description
The Computer Applications certificate program provides comprehensive training in the latest Microsoft Office software. This certificate is designed for anyone who desires to work with computers and/or advance their computer software skills. The coursework prepares students for Microsoft Office Specialist (MOS) industry certification testing. Students are strongly encouraged to pursue MOS (Microsoft Office Specialist) Certification as part of this program.

Requirements

SUBJECT/ NUMBER	TITLE	CREDITS
Select eight credits from the following:		8
CAOT-115	Outlook	
CAOT-120	Word Processing/Word I	
CAOT-121	Word Processing/Word II	
CAOT-122	Word Processing/Word III	
CAOT-130	Spreadsheets/Excel I	
CAOT-131	Spreadsheets/Excel II	
CAOT-132	Spreadsheets/Excel III	
CAOT-140	Database/Access I	
CAOT-150	PowerPoint	
CAOT-164	Computer Fundamentals for Technical Programs	
CAOT-166	Living Online for Technical Programs	
Total Credits		**8**

Outcomes

Upon completion of the program, students will be able to:

1. Use a variety of computer applications to produce multiple documents required in a variety of office settings.
2. Conduct internet searches to locate business information; analyze and evaluate its useful in given business scenarios.

Computer Control Automation Technology ITC

Overview

Degree/Certificate

Interm Technical Certificate

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

This program prepares students for entry-level employment in the Computer Numerical Control (CNC) machining and computerized manufacturing industries. Emphasis is placed on CNC, CAD/CAM systems, and geometric dimensioning and tolerancing (GD&T). The coursework includes blueprint reading, GD&T, machine tool controls and code (G-Code) required to manipulate them, precision measuring equipment, and multi-axis machine tools. Successful completion of each semester or permission of the instructor is required to continue into the next semester. Prospective students should have solid math skill and demonstrate mechanical aptitude. Computer and keyboarding skills are recommended. Placement in specific English and math classes are determined by college assessment tests. Current industry professions may enroll in individual courses on a space-available basis and with the instructor's permission.

Requirements

SEMESTER 1		CREDITS
MACH-230	Tools in Manufacturing	1
MACH-234	Computers in Machining	2
MACH-253L	Computer Numerical Control Lab	5
MACH-273	Blueprints in Manufacturing	3
MACH-283	Computer Numerical Control	5
MCTE-105	Technical Mathematics for Machining and Computer Aided Design Technologies	3
	Credits	**19**
SEMESTER 2		
MACH-254L	Advanced Computer Numerical Control Lab	5
MACH-274	Geometric Dimensioning and Tolerancing	3
MACH-284	Advanced Numerical Control	5
ATEC-117	Occupational Relations and Job Search	2
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**18**
	Total Credits	**37**

Outcomes

Upon completion of the program, students will be able to:

1. Illustrate shop terms, language, and vocabulary to describe processes and methods as well as the machinery, their accessories and use.
2. Interpret various views, lines, symbols, terms, and abbreviations routinely used on blueprints in the manufacturing industry.
3. Demonstrate capable navigation of CNC machine controls as well as compose and employ machine code (G-Code) to dictate and manipulate CNC machine tool motion.
4. Analyze and interpret admissible feature tolerances provided on geometric dimension and tolerancing (GD&T) blueprints to Y14.5 American Society of Mechanical Engineers (ASME) Standards.
5. Produce 3D models and develop practical NC code applying CAD/CAM software to CNC lathe and CNC mill toolpaths.

6. Compare and employ complex CNC machine tools such as EDM, screw machines, 5-axis and mill-turn machines.

CDA Credential Preparation

Overview

Degree/Certificate
Academic Certificate

Interest Areas
Human Sciences

Description
The national Child Development Associate (CDA) credential program is intended for individuals preparing to work in early care and education settings who wish to gain further knowledge and expertise in the field. The national CDA Credential is the minimum educational standard required for employment in Head Start/Early Head Start and accredited early childhood programs. This preparation certificate includes ten credits of coursework providing the theoretical and practical framework for establishing appropriate program practices for young children and families. This preparation certificate verifies that the student has completed the specified 120 hours of required coursework for the CDA Credential and has completed a significant portion of the required CDA Professional Portfolio. After completing these courses, students who are at least 18 years of age, have a high school diploma or equivalent, and with at least 480 documented hours of direct work with young children in an early childhood program, will be ready to apply for their Child Development Associate Credential from the Council for Professional Recognition. Credits earned for college coursework completed while pursuing this certificate articulate directly into both the Child Development Academic Certificate and the Associate of Science degree. The national Child Development Associate (CDA) Credential is the most widely recognized credential in early childhood education (ECE) and is a key stepping stone on the path of career advancement in ECE. The CDA Credential is based on a core set of competency standards, which guide early care professionals as they work toward becoming qualified teachers of young children. The Council for Professional Recognition works to ensure that the nationally-transferable CDA is a credible and valid credential, recognized by the early childhood profession as a vital part of professional development. The CDA credential is a recognized professional level of the Idaho Early Childhood Pathway of Professional Development.

Contact Information: Division of Education Post-Winton Hall, Room 101 Phone: (208) 769-3409

Requirements

SUBJECT/ NUMBER	TITLE	CREDITS
CHD-110	Child Health, Safety and Nutrition	3
CHD-134	Infancy Through Middle Childhood	3
CHD-150	Professional Partnerships - Families, Schools, and Community	3
CHD-165	CDA Professional Portfolio Development	1
Total Credits		**10**

Child Development AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Human Sciences

Description
The Child Development program provides three options for students wishing to pursue a career working with young children from birth to age 8. Students can complete courses for an associate degree to prepare for transfer to a four-year college or university and entry-level career opportunities. Students who do not intend to transfer or who may be taking courses part-time, may opt to pursue courses for either a 10-credit Academic Certificate in the Child Development Associate (CDA) Credential Preparation program (covers all the coursework for the National CDA Credential) or the 21-credit Academic Certificate in Child Development. The first Academic Certificate program prepares students to apply for a Child Development Associate Credential, a non-degree national credential. The second Academic Certificate is a state-approved certificate in Child Development and is recognized by both IdahoSTARS Professional Development System and Head Start as a credential when applying for entry-level employment in the field of Child Development. Nine of the 10 credits from the first Academic Certificate apply directly to the 21 credits needed for the second Academic Certificate in Child Development. All 21 of the credits of this Academic Certificate apply to the associate degree in Child Development. The Child Development associate degree transfer program is designed to meet requirements for students transferring to four-year institutions in Child Development or Early Childhood Education. Students who earn an associate degree in Child Development are qualified to seek career opportunities in early care and education, preschool, Head Start, and teaching in private education programs serving all children and families from birth to age 8. Further study leading to a baccalaureate degree, especially those programs offering the Blended Early Childhood/Early Childhood Special Education component, affords career options in elementary education (K-3), special education, and other child-related fields. An associate degree meets the general core requirements at all Idaho public universities. Course selection should be tailored to match requirements as defined by transfer institutions. To ensure appropriate courses are taken, those students intending to pursue the Blended Early Childhood/Early Childhood Special Education at Idaho transfer institutions should meet with an NIC Child Development advisor upon acceptance in the college.

Contact Information: Division of Education Post-Winton Hall, Room 101 Phone: (208) 769-3409

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing**		3
GEM 7W - Wellness**		0
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
CHD-110	Child Health, Safety and Nutrition	3
CHD-134	Infancy Through Middle Childhood	3
CHD-150	Professional Partnerships - Families, Schools, and Community	3
CHD-171***	Early Childhood Curriculum	3
CHD-198***	Child Development Practicum I	3
CHD-235 (Fall only)	Observation and Assessment	3
CHD-243	Early Childhood Education	3
CHD-254 (Spring only)	Child Guidance Theory	3
CHD-298	Child Development Practicum II	4
Total Credits		**60-62**

*This General Education Requirement is partially met by the Program Requirements.

**This General Education Requirement is met by the Program Requirements.

***These courses are corequisites and must be taken in the same semester.

Outcomes

Upon completion of the program, students will be able to:

1. Apply knowledge of typical and a-typical development in the physical, cognitive, language and psychosocial domains from conception through early childhood.
2. Integrate developmentally appropriate strategies, techniques and curriculum which incorporates anti-bias principles through practical application.
3. Assess both early childhood physical, social and learning environments and children using research-based assessment tools, plans and implementation for learning and guiding behavior.
4. Exhibit knowledge of the cultural factors and roles of the family in young children's lives through personal, social and community supports and advocacy.
5. Apply principles of early childhood professional and ethical standards of behavior in the college classroom and early childhood workplace, with children, families, colleagues and coworkers.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Part-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
CHD-110	Child Health, Safety and Nutrition	3
CHD-134	Infancy Through Middle Childhood	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15-17**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
CHD-150	Professional Partnerships - Families, Schools, and Community	3
CHD-243	Early Childhood Education	3
COMM-101	Fundamentals of Oral Communication	3
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**16**
SEMESTER 3		
CHD-235 (Fall only)	Observation and Assessment	3
CHD-171***	Early Childhood Curriculum	3
CHD-198***	Child Development Practicum I	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**16**
SEMESTER 4		
CHD-254 (Spring only)	Child Guidance Theory	3
CHD-298	Child Development Practicum II	4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**13**
	Total Credits	**60-62**

***These courses are corequisites and must be taken in the same semester.

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
CHD-110	Child Health, Safety and Nutrition	3
CHD-134	Infancy Through Middle Childhood	3
	Credits	**9**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
CHD-150	Professional Partnerships - Families, Schools, and Community	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**9**
SEMESTER 3		
CHD-235 (Fall only)	Observation and Assessment	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**10**
SEMESTER 4		
CHD-243	Early Childhood Education	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**10-12**
SEMESTER 5		
CHD-171***	Early Childhood Curriculum	3
CHD-198***	Child Development Practicum I	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**12**
SEMESTER 6		
CHD-254 (Spring only)	Child Guidance Theory	3
CHD-298	Child Development Practicum II	4
GEM 7I - Institutionally Designated		3
	Credits	**10**
	Total Credits	**60-62**

***These courses are corequisites and must be taken in the same semester.

Child Development AC

Overview

Degree/Certificate
Academic Certificate

Interest Areas
Human Sciences

Description
The Academic Certificate in Child Development is designed to prepare students to work in a variety of early care and education settings at a mid-entry level with children from infancy through age eight. The curriculum consists of a core of 21 credit hours directly related to early childhood education. The certificate also allows students to apply earned credits toward an AS in Child Development.

Contact Information: Division of Education Post-Winton Hall, Room 101 Phone: (208) 769-3409

Requirements

SUBJECT/ NUMBER	TITLE	CREDITS
CHD-110	Child Health, Safety and Nutrition	3
CHD-134	Infancy Through Middle Childhood	3
CHD-150	Professional Partnerships - Families, Schools, and Community	3
CHD-171*	Early Childhood Curriculum	3
CHD-198*	Child Development Practicum I	3
CHD-254	Child Guidance Theory	3
ENGL-101	Writing and Rhetoric I	3
Total Credits		**21**

*These courses are corequisites and must be taken in the same semester.

Chemistry AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Science, Technology, Engineering, and Mathematics

Description
Chemistry is a science that deals with the composition, structure, and properties of substances and their transformations. A solid math and science background is important preparation for a college chemistry program. Completion of the following courses results in an associate of science degree with an area of emphasis in Chemistry. The required coursework normally fulfills the first half of baccalaureate degree requirements in Chemistry. Course selection should be tailored to match requirements defined by intended transfer institutions.

Contact Information: Natural Sciences Division Meyer Health and Sciences Building, Room 250 Phone: (208) 769-3495

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
CHEM-111	General Chemistry I	5
CHEM-112	Principles of General College Chemistry II	5
CHEM-277	Organic Chemistry I	3
CHEM-278	Organic Chemistry I Lab	1
CHEM-287	Organic Chemistry II	3
CHEM-288	Organic Chemistry II Lab	1
MATH-170	Calculus I	4
MATH-175	Analytic Geometry and Calculus II	4
PHYS-111	General Physics I	4-5
or PHYS-211	Engineering Physics I	
PHYS-112	General Physics II	4-5
or PHYS-212	Engineering Physics II	
Program Electives**		**3**
BACT-250	General Microbiology	
BIOL-114	Organisms and Environments	
BIOL-115	Introduction to Life Sciences	
CHEM-253	Quantitative Analysis	
CJ-103	Introduction to Criminal Justice	
CJ-205	Criminal Procedures	
CS-115	Introduction to Problem Solving and Programming	
CS-150	Computer Science I	

EDUC-201	Introduction to Teaching	
ENGL-202	Technical Writing	
GEOL-101	Physical Geology	
GEOL-102	Historical Geology	
MATH-253	Statistical Methods	
MATH-275	Analytic Geometry and Calculus III	
MATH-335	Linear Algebra	
MATH-370	Introduction to Ordinary Differential Equations	
Total Credits		**62-66**

*This General Education Requirement is met by the Program Requirements.

**Consult with your chemistry faculty advisor and/or consult the college catalog of your intended transfer institution to determine transferability and required courses.

Outcomes

Upon completion of the program, students will be able to:

1. Describe basic chemical concepts.
2. Demonstrate the ability to solve qualitative and quantitative problems in chemistry.
3. Apply the fundamental principles of chemistry to explain the physical and chemical properties of matter.
4. Demonstrate competence in laboratory skills, including:
    - lab safety,
    - recording and evaluating data, and
    - the use of balances, glassware, and instrumentation in analyzing chemical samples
5. Compose a written or oral report to communicate the results of laboratory experiments.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
ENGL-101	Writing and Rhetoric I	3
MATH-170	Calculus I ⛋Gateway course	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15**
SEMESTER 2		
CHEM-112	Principles of General College Chemistry II	5
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
MATH-175	Analytic Geometry and Calculus II	4
	Credits	**15**
SUMMER 1		
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**6**
SEMESTER 3		
CHEM-277	Organic Chemistry I	3
CHEM-278	Organic Chemistry I Lab	1
PHYS-111 or PHYS-211	General Physics I or Engineering Physics I	4-5
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**12-15**
SEMESTER 4		
CHEM-287	Organic Chemistry II	3
CHEM-288	Organic Chemistry II Lab	1
PHYS-112 or PHYS-212	General Physics II or Engineering Physics II	4-5
Program Elective		3-5
GEM 7I - Institutionally Designated		3
	Credits	**14-17**

SEMESTER 1		CREDITS
	Total Credits	**62-68**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
MATH-170	Calculus I	4
	Credits	**9**
SEMESTER 2		
CHEM-112	Principles of General College Chemistry II	5
MATH-175	Analytic Geometry and Calculus II	4
GEM 7W - Wellness		1-3
	Credits	**10-12**
SUMMER 1		
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
	Credits	**6**
SEMESTER 3		
CHEM-277	Organic Chemistry I	3
CHEM-278	Organic Chemistry I Lab	1
ENGL-102	Writing and Rhetoric II	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**10**
SEMESTER 4		
CHEM-287	Organic Chemistry II	3
CHEM-288	Organic Chemistry II Lab	1
Program Elective		3-5
	Credits	**7-9**
SUMMER 2		
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**6**
SEMESTER 5		
PHYS-111 or PHYS-211	General Physics I or Engineering Physics I	4-5
GEM 5 - Humanistic and Artistic Ways of Knowing		3

SEMESTER 1		CREDITS
	Credits	**7-8**
SEMESTER 6		
PHYS-112 or PHYS-212	General Physics II or Engineering Physics II	4-5
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**7-8**
	Total Credits	**62-68**

Cybersecurity and Information Security Administration AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Science, Technology, Engineering, and Mathematics

Description
This Cybersecurity & Information Security (INFOSEC) Administration Associate of Applied Science program will prepare students for a career in the cybersecurity industry. The technical courses in this A.A.S degree program combine both networking concepts and security fundamentals with a focus on best practices required to implement and administer secure network environments. The program integrates knowledge from communication, social sciences, and math with the theory and practice of information technology to prepare students for employment in the industry. It will also provide opportunities for those employed in the information technology field to enhance their knowledge and credentials and advance in their careers. During the program students are encouraged to work toward a variety of industry certifications in addition to the degree. Students will graduate with a Cybersecurity & Information Security (INFOSEC) Administration Associate of Applied Science Degree upon successful completion of this program. Entry-level position responsibilities in cybersecurity include, but are not limited to: maintaining computer network infrastructure and security; securing computer assets connected to the Internet; installing, configuring and securing PC systems and mobile devices; configuring and securing remote access networks; providing technical support and configuring and repairing endpoint devices. Career opportunities for Cyber Security professionals are varied and immediate. The National Initiative for Cyber Security Education (NICE) has identified dozens of job titles that require security skills. See www.nist.gov and search for Cybersecurity Workforce Framework Resource Center for more information on cybersecurity skills needed today. Additionally, projections are that by the end of the decade, all or nearly all intermediate level computer technical, developmental or implementation careers will require some level of security training. This is a limited enrollment program. Successful completion of each semester or permission of the instructor is required to continue to the next semester. Successful completion of the technical certificate or permission of the instructor is required for enrollment in the third and fourth semester courses. For requirements and admission procedures, go to the program website below or contact the Career and Technical Education Advisor at (208) 769-3371.

Requirements

SEMESTER 1		CREDITS
CITE-116	Desktop Operating Support	3
CITE-118	Computer Information Technology Essentials	2
CITE-127	Desktop Commodity Operating Support Projects	2
CITE-155	Linux Essentials	3
ENGL-101	Writing and Rhetoric I	3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**16-18**
SEMESTER 2		
CITE-142	Information Security Fundamentals	3
CITE-152	Networking Essentials	3
CITE-165	Linux Systems Administration	3
CITE-243	Command Line and Scripting Fundamentals	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**15**
SEMESTER 3		
CITE-235	Network Security Fundamentals	3
CITE-241	Data Management	3
CITE-245	Intermediate Command Line Scripting	3
CITE-275	Intrusion Detection/Prevention Systems Fundamentals	3
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**15**
SEMESTER 4		
CITE-237	Ethical Hacking and Systems Defense	3
CITE-247	Systems Architecture	3
CITE-249	AI and Automation	3
CITE-258	Cyber Operations	3
A.A.S. Institutionally Designated		3-5
Select one of the following:		2-3
ATEC-117	Occupational Relations and Job Search	
CITE-289	Cyber Competitions	

SEMESTER 1		CREDITS
CITE-296	Cybersecurity Internship	
	Credits	**17-20**
	Total Credits	**63-68**

Outcomes

Upon completion, students should be able to:

1. Evaluate various network devices and media and how best to secure them.
2. Determine the factors involved in developing a secure information technology strategy.
3. Describe and identify common security threats and attacks and describe how to safeguard against them.
4. Perform vulnerability assessment on a network.
5. Monitor and analyze multiple sources of data to identify changes in circumstances or events.
6. Access a computer system's security vulnerabilities using appropriate resources.
7. Apply software patches to operating systems and applications.
8. Explain how to use current forensic tools.
9. Use standard software tools to detect attempted security breaches of computer systems. Implement computer network security defenses.
10. Demonstrate sensitivity to and sound judgment on ethical issues as they arise in information security and cyber defense.
11. Demonstrate professionalism through acceptable attitudes, organization and time management skills, and attire.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Cybersecurity and Information Security Administration ATC

Overview

Degree/Certificate

Advanced Technical Certificate

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

This Cybersecurity & Information Security (INFOSEC) Administration Advanced Technical Certificate program will prepare students for a career in the cybersecurity industry. The technical courses in this certificate program combine both networking concepts and security fundamentals with a focus on best practices required to implement and administer secure network environments. The program integrates knowledge from communication, social sciences, and math with the theory and practice of information technology to prepare students for employment in the industry. It will also provide opportunities for those employed in the information technology field to enhance their knowledge and credentials and advance in their careers. During the program students are encouraged to work toward a varieinstitutional certificate. Students will graduate with a Cybersecurity & Information Security (INFOSEC) Administration Advanced Technical Certificate upon successful completion of this program. Entry-level position responsibilities in cybersecurity include, but are not limited to: maintaining computer network infrastructure and security; securing computer assets connected to the Internet; installing, configuring and securing PC systems and mobile devices; configuring and securing remote access networks; providing technical support and configuring and repairing endpoint devices. Career opportunities for Cyber Security professionals are varied and immediate. The National Initiative for Cyber Security Education (NICE) has identified dozens of job titles that require security skills. See www.nist.gov and search for Cybersecurity Workforce Framework Resource Center for more information on cybersecurity skills needed today. Additionally, projections are that by the end of the decade, all or nearly all intermediate level computer technical, developmental or implementation careers will require some level of security training. This is a limited enrollment program. Successful completion of each semester or permission of the instructor is required to continue to the next semester. Successful completion of the technical certificate or permission of the instructor is required for enrollment in the third and fourth semester courses. For requirements and admission procedures, go to the program website below or contact the Career and Technical Education Advisor at (208) 769-3371.

Requirements

SEMESTER 1		CREDITS
CITE-116	Desktop Operating Support	3
CITE-118	Computer Information Technology Essentials	2
CITE-127	Desktop Commodity Operating Support Projects	2
CITE-155	Linux Essentials	3
ENGL-101	Writing and Rhetoric I	3
MCTE-101 or GEM 3	Technical Mathematics or A.A.S. Mathematical Ways of Knowing	3-5
	Credits	**16-18**

SEMESTER 2		
CITE-142	Information Security Fundamentals	3
CITE-152	Networking Essentials	3
CITE-165	Linux System Administration	3
CITE-243	Command Line and Scripting Fundamentals	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**15**
SEMESTER 3		
CITE-235	Network Security Fundamentals	3
CITE-241	Data Management	3
CITE-245	Intermediate Command Line and Scripting	3
CITE-275	Intrusion Detection/Prevention Systems Fundamentals	3
	Credits	**12**
SEMESTER 4		
CITE-237	Ethical Hacking and Systems Defense	3
CITE-247	Systems Architecture	3
CITE-249	AI and Automation	3
CITE-258	Cyber Operations	3
Select one of the following:		2-3
ATEC-117	Occupational Relations and Job Search	
CITE-289	Cyber Competitions	
CITE-296	Cybersecurity Internship	
	Credits	**14-15**
	Total Credits	**57-60**

Outcomes

Upon completion, students should be able to:

1. Evaluate various network devices and media and how best to secure them.
2. Determine the factors involved in developing a secure information technology strategy.
3. Describe and identify common security threats and attacks and describe how to safeguard against them.
4. Perform vulnerability assessment on a network.
5. Monitor and analyze multiple sources of data to identify changes in circumstances or events.

6. Access a computer system's security vulnerabilities using appropriate resources.
7. Apply software patches to operating systems and applications.
8. Explain how to use current forensic tools.
9. Use standard software tools to detect attempted security breaches of computer systems. Implement computer network security defenses.
10. Demonstrate sensitivity to and sound judgment on ethical issues as they arise in information security and cyber defense.
11. Demonstrate professionalism through acceptable attitudes, organization and time management skills, and attire.

Cybersecurity and Information Security Administration ITC

Overview

Degree/Certificate

Interm Technical Certificate

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

This Cybersecurity & Information Security (INFOSEC) Administration Intermediate Technical Certificate program will prepare students for a career in the cybersecurity industry. The technical courses in this certificate program combine both networking concepts and security fundamentals with a focus on best practices required to implement and administer secure network environments. The program integrates knowledge from communication, social sciences, and math with the theory and practice of information technology to prepare students for employment in the industry. It will also provide opportunities for those employed in the information technology field to enhance their knowledge and credentials and advance in their careers. During the program students are encouraged to work toward a varieinstitutional certificate. Students will graduate with a Cybersecurity & Information Security (INFOSEC) Administration Intermediate Technical Certificate upon successful completion of this program. Entry-level position responsibilities in cybersecurity include, but are not limited to: maintaining computer network infrastructure and security; securing computer assets connected to the Internet; installing, configuring and securing PC systems and mobile devices; configuring and securing remote access networks; providing technical support and configuring and repairing endpoint devices. Career opportunities for Cyber Security professionals are varied and immediate. The National Initiative for Cyber Security Education (NICE) has identified dozens of job titles that require security skills. See www.nist.gov and search for Cybersecurity Workforce Framework Resource Center for more information on cybersecurity skills needed today. Additionally, projections are that by the end of the decade, all or nearly all intermediate level computer technical, developmental or implementation careers will require some level of security training. This is a limited enrollment program. Successful completion of each semester or permission of the instructor is required to continue to the next semester. Successful completion of the technical certificate or permission of the instructor is required for enrollment in the third and fourth semester courses. For requirements and admission procedures, go to the program website below or contact the Career and Technical Education Advisor at (208) 769-3371.

Requirements

SEMESTER 1		CREDITS
CITE-116	Desktop Operating Support	3
CITE-118	Computer Information Technology Essentials	2
CITE-127	Desktop Commodity Operating Support Projects	2
CITE-155	Linux Essentials	3
ENGL-101	Writing and Rhetoric I	3
MCTE-101 or GEM 3	Technical Mathematics or A.A.S. Mathematical Ways of Knowing	3-5
	Credits	**16-18**
SEMESTER 2		
CITE-142	Information Security Fundamentals	3
CITE-152	Networking Essentials	3
CITE-165	Linux System Administration	3
CITE-243	Command Line and Scripting Fundamentals	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**15**
Total Credits		**31-33**

Outcomes

Upon completion of the program, students will be able to:

1. Evaluate various network devices and media and how best to secure them.
2. Determine the factors involved in developing a secure information technology strategy.
3. Describe and identify common security threats and attacks and describe how to safeguard against them.
4. Perform vulnerability assessment on a network.
5. Monitor and analyze multiple sources of data to identify changes in circumstances or events.
6. Access a computer system's security vulnerabilities using appropriate resources.
7. Apply software patches to operating systems and applications.
8. Explain how to use current forensic tools.
9. Use standard software tools to detect attempted security breaches of computer systems. Implement computer network security defenses.
10. Demonstrate sensitivity to and sound judgment on ethical issues as they arise in information security and cyber defense.
11. Demonstrate professionalism through acceptable attitudes, organization and time management skills, and attire.

Computer Information Technology AAS

Overview

Degree/Certificate

Associate of Applied Science

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

The Computer Information Technology (CITE) program prepares students for careers in information technology by offering a one-year intermediate technical certificate, a two-year advanced technical certificate, and an associate of applied science degree. The A.A.S. degree in CITE is a two-year program that will prepare students for working with sophisticated networking hardware and operating system software and will lead to industry recognized certifications. It also includes all related coursework to complete A.A.S. degree requirements. The CITE one-year intermediate technical certificate teaches the foundation of information technology job skills and the two-year advanced technical certificate includes all the technical coursework of the A.A.S. degree, but with reduced general education requirements. The CITE program is designed to provide students with essential skills to plan, implement, administer, support, and secure networked computer systems and associated users, as well as install and configure routers and switches in multiprotocol internetworks using LAN and WAN interfaces. North Idaho College operates a Cisco Networking Academy. NIC is a Microsoft IT Academy member institution and maintains academic partnerships with industry leaders such as CompTIA and VMware. Continued advances in network technology have created an increased need for professionals trained in the information technology field. Students will gain essential technical instruction that enables them to perform tasks such as network design, installation, maintenance, and management as well as fill network administration and systems administration job roles. This is a limited enrollment program. Successful completion of the each semester or permission of the instructor is required to continue to the next semester. Successful completion of the technical certificate or permission of the instructor is required for enrollment in third and fourth semester courses. Contact the Career-Technical Programs advisor for the information on selective enrollment criteria.

Requirements

SEMESTER 1		CREDITS
CITE-116	Desktop Operating System Support	3
CITE-118	Computer Information Technology Essentials	2
CITE-119	Computer Information Technology Essentials Projects	2
CITE-127	Desktop Commodity Operating System Support Projects	2
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
ENGL-101	Writing and Rhetoric I	3
	Credits	**15-17**
SEMESTER 2		
CITE-104	Systems Administration I	3
CITE-105	Systems Administration I Projects	3
CITE-121	Network Support I	3
CITE-122	Network Support I Projects	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**15**
SEMESTER 3		
CITE-206	Systems Administration II	3
CITE-207	Systems Administration II Projects	3
CITE-213	Network Support II	3
CITE-215	Network Support II Projects	3
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**15**
SEMESTER 4		
CITE-208	Systems Administration III	3
CITE-209	Systems Administration III Projects	3
CITE-217	Network Support III	3
CITE-219	Network Support III Projects	3
CITE-295 or ATEC-117 or CITE-289	Computer Information Technology Internship or Occupational Relations and Job Search or Cyber Competitions	2-4
A.A.S. Institutionally Designated		3

SEMESTER 1		CREDITS
	Credits	**17-19**
	Total Credits	**62-66**

Outcomes

Upon completion of the program, students should be able to:

1. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in entry-level computer information technology positions.
2. Work with sophisticated networking hardware and operating system software, leading to industry-recognized certifications.
3. Use essential skills to plan, implement, administer, support, and secure network computer systems and associated users.
4. Install and configure routers and switches in multiprotocol internetworks using LAN and WAN interfaces.
5. Complete network design, installation, maintenance, and management as well as fill network administration and systems administration job duties.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Computer Information Technology ATC

Overview

Degree/Certificate
Advanced Technical Certificate

Interest Areas
Science, Technology, Engineering, and Mathematics

Description
The Computer Information Technology (CITE) program prepares students for careers in information technology by offering a one-year intermediate technical certificate, a two-year advanced technical certificate, and an associate of applied science degree. The A.A.S. degree in CITE is a two-year program that will prepare students for working with sophisticated networking hardware and operating system software and will lead to industry recognized certifications. It also includes all related coursework to complete A.A.S. degree requirements. The CITE one-year intermediate technical certificate teaches the foundation of information technology job skills and the two-year advanced technical certificate includes all the technical coursework of the A.A.S. degree, but with reduced general education requirements. The CITE program is designed to provide students with essential skills to plan, implement, administer, support, and secure networked computer systems and associated users, as well as install and configure routers and switches in multiprotocol internetworks using LAN and WAN interfaces. North Idaho College operates a Cisco Networking Academy. NIC is a Microsoft IT Academy member institution and maintains academic partnerships with industry leaders such as CompTIA and VMware. Continued advances in network technology have created an increased need for professionals trained in the information technology field. Students will gain essential technical instruction that enables them to perform tasks such as network design, installation, maintenance, and management as well as fill network administration and systems administration job roles. This is a limited enrollment program. Successful completion of the each semester or permission of the instructor is required to continue to the next semester. Successful completion of the technical certificate or permission of the instructor is required for enrollment in third and fourth semester courses. Contact the Career-Technical Programs advisor for the information on selective enrollment criteria.

Requirements

SEMESTER 1		CREDITS
CITE-116	Desktop Operating System Support	3
CITE-118	Computer Information Technology Essentials	2
CITE-119	Computer Information Technology Essentials Projects	2
CITE-127	Desktop Commodity Operating System Support Projects	2
ENGL-101	Writing and Rhetoric I	3
Select one of the following:		3-5
MCTE-101	Technical Mathematics	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**15-17**
SEMESTER 2		
CITE-104	Systems Administration I	3
CITE-105	Systems Administration I Projects	3
CITE-121	Network Support I	3
CITE-122	Network Support I Projects	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**15**
SEMESTER 3		
CITE-206	Systems Administration II	3
CITE-207	Systems Administration II Projects	3
CITE-213	Network Support II	3
CITE-215	Network Support II Projects	3
	Credits	**12**
SEMESTER 4		
CITE-208	Systems Administration III	3
CITE-209	Systems Administration III Projects	3
CITE-217	Network Support III	3
CITE-219	Network Support III Projects	3
CITE-295 or ATEC-117 or CITE-289	Computer Information Technology Internship or Occupational Relations and Job Search or Cyber Competitions	2-4

SEMESTER 1		CREDITS
	Credits	**14-16**
	Total Credits	**56-60**

Outcomes

Upon completion of the program, students should be able to:

1. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in entry-level computer information technology positions.
2. Work with sophisticated networking hardware and operating system software, leading to industry-recognized certifications.
3. Use essential skills to plan, implement, administer, support, and secure network computer systems and associated users.
4. Install and configure routers and switches in multiprotocol internetworks using LAN and WAN interfaces.
5. Complete network design, installation, maintenance, and management as well as fill network administration and systems administration job duties.

Computer Information Technology ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Science, Technology, Engineering, and Mathematics

Description
The Computer Information Technology (CITE) program prepares students for careers in information technology by offering a one-year intermediate technical certificate, a two-year advanced technical certificate, and an associate of applied science degree. The A.A.S. degree in CITE is a two-year program that will prepare students for working with sophisticated networking hardware and operating system software and will lead to industry recognized certifications. It also includes all related coursework to complete A.A.S. degree requirements. The CITE one-year intermediate technical certificate teaches the foundation of information technology job skills and the two-year advanced technical certificate includes all the technical coursework of the A.A.S. degree, but with reduced general education requirements. The CITE program is designed to provide students with essential skills to plan, implement, administer, support, and secure networked computer systems and associated users, as well as install and configure routers and switches in multiprotocol internetworks using LAN and WAN interfaces. North Idaho College operates a Cisco Networking Academy. NIC is a Microsoft IT Academy member institution and maintains academic partnerships with industry leaders such as CompTIA and VMware. Continued advances in network technology have created an increased need for professionals trained in the information technology field. Students will gain essential technical instruction that enables them to perform tasks such as network design, installation, maintenance, and management as well as fill network administration and systems administration job roles. This is a limited enrollment program. Successful completion of the each semester or permission of the instructor is required to continue to the next semester. Successful completion of the technical certificate or permission of the instructor is required for enrollment in third and fourth semester courses. Contact the Career-Technical Programs advisor for the information on selective enrollment criteria.

Requirements

SEMESTER 1		CREDITS
CITE-116	Desktop Operating System Support	3
CITE-118	Computer Information Technology Essentials	2
CITE-119	Computer Information Technology Essentials Projects	2
CITE-127	Desktop Commodity Operating System Support Projects	2
ENGL-101	Writing and Rhetoric I	3
Select one of the following:		3-5
MCTE-101	Technical Mathematics	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**15-17**
SEMESTER 2		
CITE-104	Systems Administration I	3
CITE-105	Systems Administration I Projects	3
CITE-121	Network Support I	3
CITE-122	Network Support I Projects	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**15**
	Total Credits	**30-32**

Outcomes
Upon completion of the program, students should be able to:

1. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in entry-level computer information technology positions.
2. Work with sophisticated networking hardware and operating system software, leading to industry-recognized certifications.
3. Use essential skills to plan, implement, administer, support, and secure network computer systems and associated users.

Criminal Justice AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Human Sciences

Description

The Criminal Justice program provides an overview of the criminal justice system, including law enforcement, the court system, criminal law, corrections, police-community relations, ethics, probation, and parole, learning the fundamentals of research design and analysis. This program serves those who might find an entry level position with an associate's degree and fulfills the first two years of a program for students interested in pursuing a career in the criminal justice field where earning a Bachelor's or higher degree is either an advantage or required. Positions available to graduates of a criminal justice program may be found in the areas of local, state, and federal law enforcement agencies, various other governmental agencies, corrections, probation, and parole systems, private security agencies, advocacy, careers dealing with policy and planning, and insurance companies.

Completion of the following courses results in an associate degree and meets the general core requirements at all Idaho public universities. The suggested coursework normally fulfills the first half of baccalaureate degree requirements in Criminal Justice. Course selections should be tailored to match requirements of the intended transfer institution.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing*		0
GEM 7W - Wellness*		0
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
CJ-103	Introduction to Criminal Justice	3
CJ-202	Corrections in America	3
CJ-203	Drugs and Society	3
CJ-205	Criminal Procedures	3
CJ-245	Introduction to Criminology	3
POLS-101	American National Government	3
SOC-101	Introduction to Sociology	3
or SOC-102	Social Problems	
Elective Requirements		
Courses 100-level or higher		10-12
Total Credits		**60-62**

*This General Education Requirement is met by the Program Requirements.

Recommended Elective Courses

SUBJECT/NUMBER	TITLE	CREDITS
PSYC-101	Introduction to Psychology	3
PSYC-205	Developmental Psychology	3
PSYC-211	Abnormal Psychology	3
SOC-220	Marriage and Family	3
SOC-251	Race and Ethnic Relations	3
POLS-275	State and Local Government	3

Outcomes

Upon completion of the program, students will be able to:

1. Effectively delineate and explain the major organizations of the American Criminal Justice System, particularly the roles and responsibilities of each.
2. Evaluate various theoretical models that have been developed to explain both individual and group criminal behavior.
3. Identify and apply major discipline specific concepts, procedures, and practices.
4. Locate, manage and use legal, technological and other professional resources in the criminal justice field.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		**CREDITS**
ENGL-101	Writing and Rhetoric I	3
POLS-101	American National Government	3
SOC-101 or SOC-102	Introduction to Sociology or Social Problems	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
CJ-103	Introduction to Criminal Justice	3
COMM-101	Fundamentals of Oral Communication	3
GEM 4 - Scientific Ways of Knowing		3-4
Elective		3-4
	Credits	**15-16**
SEMESTER 3		
CJ-202	Corrections in America	3
CJ-203	Drugs and Society	3
CJ-245	Introduction to Criminology	3
GEM 4 - Scientific Ways of Knowing		3-4
Elective		3
	Credits	**15-16**
SEMESTER 4		
CJ-205	Criminal Procedures	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7I - Institutionally Designated		3
Electives		6
	Credits	**15**
	Total Credits	**60-62**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
POLS-101	American National Government	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9**
SEMESTER 2		
CJ-103	Introduction to Criminal Justice	3
COMM-101	Fundamentals of Oral Communication	3
SOC-101 or SOC-102	Introduction to Sociology or Social Problems	3
	Credits	**9**
SEMESTER 3		
ENGL-102	Writing and Rhetoric II	3
CJ-202	Corrections in America	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
Elective		3
	Credits	**12**
SEMESTER 4		
CJ-203	Drugs and Society	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**9-10**
SEMESTER 5		
CJ-245	Introduction to Criminology	3
GEM 4 - Scientific Ways of Knowing		3-4
Electives		6
	Credits	**12-13**
SEMESTER 6		
CJ-205	Criminal Procedures	3
GEM 7I - Institutionally Designated		3
Elective		1-3
	Credits	**9**
	Total Credits	**60-62**

Construction Apprenticeship AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Trades and Industry

Description

This program is offered in partnership with NIC's Workforce Training Development and Career Technical Education division. It is specifically designed for students who have completed a federally approved Construction Apprenticeship program consisting of 8,000 hours of on-the-job training and 576 hours of classroom instruction.

The Carpentry program helps learners to build general carpentry skills, before moving into advanced topical coverage of framing and finishing carpentry, as well as concrete and form carpentry. The unique three-tier approach to Carpentry complies with the U.S. Department of Labor's standards for apprenticeship programs, while also supporting short programs focused on specific carpentry career pathways.

Upon completion of the full apprenticeship program, transcription of credits must be initiated by contacting NIC's Workforce Training Center. Completion of general education requirements may occur before, at the same time, or after completion of the apprenticeship courses.

Requirements

General Education Requirements		
GEM 1 - A.A.S. Written Communication		3-4
GEM 2 - A.A.S. Oral Communication		3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
A.A.S. Institutionally Designated		3-5
Program Requirements		
CLAP-101	Construction Apprenticeship - 1st Year	12
CLAP-102	Construction Apprenticeship - 2nd Year	12
CLAP-103	Construction Apprenticeship - 3rd Year	12
CLAP-104	Construction Apprenticeship - 4th Year	12
Total Credits		**63-68**

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate proficiency in reading and interpreting construction drawings and apply basic construction math skills to accurately estimate material and quantities.
2. Execute site layout and building control tasks with accuracy, including the use of survey equipment and techniques.
3. Construct wood and steel (non-welded) framing systems, demonstrating an understanding of structural principles and construction techniques for interior and exterior walls including the appropriate finishes.
4. Design and assemble concrete formwork systems for various structural components, ensuring stability and proper alignment, incorporating proper ironwork, and concrete finishing.
5. Perform tenant finish-out tasks, including the installation of doors, frames, and hardware, ensuring proper fit and functionality.
6. Implement and adhere to construction safety protocols, demonstrating an understanding of occupational health and safety regulations.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Construction Management AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Trades and Industry

Description

This program provides students with an Associate of Science Degree to fit educational and professional goals geared toward transferring to a 4-year institution in Construction Management. The required coursework will normally fulfill the first half of baccalaureate degree requirements in Construction Management, dependent on intended transfer institution. Coursework includes theory focused on residential and commercial construction management, small business entrepreneurship skills, and General Education requirements.

Requirements

SEMESTER 1		CREDITS
CMGT-220	Introduction to Construction Management	3
HUMS-101	Montage: Introduction to the Humanities	3
MATH-160	Survey of Calculus	4
SOC-101	Introduction to Sociology	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
	Credits	**16-17**
SEMESTER 2		
ART-100	Introduction to Art	3
CMGT-110	Construction Materials and Methods	3
CMGT-111	Construction Materials and Methods Lab	1
COMM-101	Fundamentals of Oral Communication	3
PHYS-111	General Physics I	4
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
	Credits	**17-18**
SEMESTER 3		
ACCT-201	Principles of Accounting	3
CMGT-245	Drawings, Specifications, and Codes	3
INTR-250C	Integrative Business and Value Creation	3
PHIL-103	Introduction to Ethics	3
PHYS-112	General Physics II	4
	Credits	**16**
SEMESTER 4		
ACCT-202	Managerial Accounting	3
BUSA-265	Legal Environment of Business	3
CMGT-250	Construction Communications	3
ENSI-119	Introduction to Environmental Science	4
ECON-202	Principles of Microeconomics	3

SEMESTER 1		CREDITS
GEM 7W - Wellness		1
	Credits	**17**
	Total Credits	**66-68**

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate understanding of geometric/spatial concepts critical to carpentry and construction.
2. Apply concepts and knowledge of blueprints, plans drawings, and modeling as related to the construction industry.
3. Demonstrate understanding of construction lay-out procedures common to industry.
4. Demonstrate and apply concepts related to basic estimation and scheduling.
5. Demonstrate knowledge of residential and commercial building concepts related to foundations, walls, flooring, mechanical systems, finish, roofs/trusses, insulation, and siding.
6. Demonstrate the ability to make cost and materials estimates by performing "take-offs" from a variety of plans, drawings, and blueprints.
7. Demonstrate written and oral communication skills required of supervisors and contractors in the construction industry, including, but not limited to, project bids, cost estimates, supervision of personnel, presentations, business letters and reports.
8. Recognize, interpret, and apply advanced blueprint reading skills to commercial and residential building sites.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Construction Management BTC

Overview

Degree/Certificate
Basic Technical Certificate

Interest Areas
Trades and Industry

Description

This program provides students with a certificate to fit educational and professional goals geared toward completion of the Construction Management A.S. degree with the option of transferring to a four-year institution in Construction Management. Coursework includes an introduction to construction management, focused on residential and commercial construction, communication specific to the construction industry, methods and materials used in construction and course drawings, specifications, and codes.

Requirements

SUBJECT/ NUMBER	TITLE	CREDITS
CMGT-110	Construction Materials and Methods	3
CMGT-111	Construction Materials and Methods Lab	1
CMGT-220	Introduction to Construction Management	3
CMGT-245	Drawings, Specifications, and Codes	3
CMGT-250	Construction Communications	3
Total Credits		**13**

Outcomes

Upon completion of the program, students will be able to:

1. Evaluate blueprints, plans drawings, and modeling as related to the construction industry.
2. Demonstrate construction lay-out procedures common to industry.
3. Administer concepts related to basic estimation and scheduling.
4. Discuss residential and commercial building concepts related to foundations, walls, flooring, mechanical systems, finish, roof/trusses, insulation, and siding.
5. Compute costs and materials estimates by performing "take-offs" from a variety of plans, drawings, and blueprints.
6. Demonstrate written and oral communication skills required of supervisors and contractors in the construction industry, including, but not limited to, project bids, cost estimates, supervision of personnel, presentations, business letters and reports.
7. Interpret and apply advanced blueprint reading skills to commercial and residential building sites.

Communication AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Arts and Communication

Description

Communication is a discipline that teaches vital skills for success in today's society and provides professional preparation in communication. Communication provides the link for using all other technical skills and knowledge acquired in one's lifetime. Few assets are more valuable to a career or community than a basic understanding of communication dynamics.

Communication is an area of study that is not limited to public speaking. Communication includes studying how people interact in relationships and groups and public presentation situations. The course of study offered at NIC allows students to explore various areas of communication. Completing the following courses results in an associate degree and generally fulfills the first half of the baccalaureate degree requirements in communication. Course selections should be tailored to match the requirements of the intended transfer institution.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing*		3
GEM 6 - Social and Behavioral Ways of Knowing**		0
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
COMJ-140	Mass Media in a Free Society	3
COMM-209	Argumentation	3
COMM-220	Introduction to Intercultural Communication	3
COMM-233	Interpersonal Communication	3
COMM-236	Small Group Communication	3
Select one of the following:		2-3
COMM-103	Oral Interpretation	
COMM-111	Interview Techniques	
COMM-207	Dynamics of Social Media	
COMM-212	Nonverbal Communication	
Elective Requirements		
Courses 100-level or higher		13-16
Total Credits		**60-65**

*This General Education Requirement is partially met by the Program Requirements.

**This General Education Requirement is met by the Program Requirements.

Recommended Electives

SUBJECT/NUMBER	TITLE	CREDITS
COMM-103	Oral Interpretation	3
COMM-111	Interview Techniques	2
COMM-207	Dynamics of Social Media	3
COMM-212	Nonverbal Communication	3

Outcomes

Upon completion of the program, students will be able to:

1. Organize, develop, and deliver audience-centered presentations that clearly articulate their ideas.
2. Analyze, construct, and critique arguments grounded in logical reasoning.
3. Identify and evaluate how interpersonal and intercultural communication principles influence communication and understand strategies for developing communication competence.
4. Identify foundational communication theories.
5. Identify the fundamentals of small group communication through experiential learning and critically evaluate their own and others' behaviors.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
COMM-220 or COMM-233	Introduction to Intercultural Communication or Interpersonal Communication	3
ENGL-101	Writing and Rhetoric I	3
GEM 3 - Mathematical Ways of Knowing		3-5
Elective		3
	Credits	**15-17**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
COMJ-140	Mass Media in a Free Society	3
COMM-236 or COMM-209	Small Group Communication or Argumentation	3
GEM 4 - Scientific Ways of Knowing		3-4
Elective		3
	Credits	**16**
SEMESTER 3		
COMM-220 or COMM-233	Introduction to Intercultural Communication or Interpersonal Communication	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 7W - Wellness		1-3
Elective		3
Select one of the following:		2-3
COMM-103	Oral Interpretation	
COMM-111	Interview Techniques	
COMM-207	Dynamics of Social Media	
COMM-212	Nonverbal Communication	
	Credits	**14-16**
SEMESTER 4		
COMM-209 or COMM-236	Argumentation or Small Group Communication	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3

SEMESTER 1		CREDITS
GEM 7I - Institutionally Designated		3
Elective		6-7
	Credits	**15-16**
	Total Credits	**60-65**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SEMESTER 2		
COMM-220 or COMM-233	Introduction to Intercultural Communication or Interpersonal Communication	3
ENGL-102	Writing and Rhetoric II	3
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**10**
SEMESTER 3		
COMJ-140	Mass Media in a Free Society	3
COMM-220 or COMM-233	Introduction to Intercultural Communication or Interpersonal Communication	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 7W - Wellness		1-3
	Credits	**11-13**
SEMESTER 4		
COMM-236 or COMM-209	Small Group Communication or Argumentation	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7I - Institutionally Designated		3
Elective		3
	Credits	**12**
SEMESTER 5		
Electives		6
Select one of the following:		2-3
COMM-103	Oral Interpretation	
COMM-111	Interview Techniques	
COMM-207	Dynamics of Social Media	
COMM-212	Nonverbal Communication	

SEMESTER 1		CREDITS
	Credits	**9**
SEMESTER 6		
COMM-236 or COMM-209	Small Group Communication or Argumentation	3
Elective		6-7
	Credits	**9-10**
	Total Credits	**60-65**

Communication AC

Overview

Degree/Certificate
Academic Certificate

Interest Areas
Arts and Communication

Description

Verbal and nonverbal communication skills are essential to success, sustainability, and upward progression in the workplace. Beyond the workplace, communication competence is an integral component of relationships and positive local and global community citizenship. Good communication skills are unfailingly ranked as one of the most important attributes the business community seeks.

This program allows students to develop and refine communication skills in various professional and personal contexts, which are critical to success in the job market. The flexibility of the communication certificate and the range of classes offered will allow students to hone their communication abilities in areas specific to their needs and desired career paths. Few assets are more valuable to a career or community than a basic understanding of communication dynamics. This program applies toward the requirements for an associate degree in communication.

Requirements

SUBJECT/ NUMBER	TITLE	CREDITS
Select four of the following:		12
COMM-101	Fundamentals of Oral Communication	
COMM-103	Oral Interpretation	
COMM-111	Interview Techniques	
COMM-207	Dynamics of Social Media	
COMM-209	Argumentation	
COMM-212	Nonverbal Communication	
COMM-220	Introduction to Intercultural Communication	
COMM-233	Interpersonal Communication	
COMM-236	Small Group Communication	
COMJ-140	Mass Media in a Free Society	
Total Credits		**12**

Outcomes

Upon completion of the program, students will be able to:

1. Identify and explain foundational communication theories and processes.
2. Select, demonstrate, and adapt appropriate forms of verbal, nonverbal, and mediated expression that support and enhance the meaning of messages across a variety of contexts.
3. Monitor and present oneself to others across a variety of contexts.

Computer Science AS

Overview

Degree/Certificate

Associate of Science

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

This program leads to career opportunities in a wide variety of computer science areas such as operating systems, expert systems, graphics, databases, software engineering, compilers, numerical analysis, etc. This program requires strong math skills. Completion of the following courses results in an associate degree and meets the general core requirements at all Idaho public universities. The suggested coursework normally fulfills the first half of a baccalaureate degree requirements in Computer Science. Course selection should be tailored to match requirements defined by intended transfer institutions.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
CS-150	Computer Science I	4
CS-151	Computer Science II	4
CS-155	Computer Organization and Assembly Language	3
CS-241	Computer Operating Systems	3
CS-270	System Software	3
MATH-170	Calculus I	4
MATH-175	Analytic Geometry and Calculus II	4
MATH-187	Discrete Mathematics	4
Select one of the following depending on transfer program:		3-4
CS-210	Programming Languages	
CS-220	Secure Coding and Analysis	
CS-280	Introduction to Robotics	
Select two of the following:		8-10
BACT-250	General Microbiology	
BIOL-115	Introduction to Life Sciences	
BIOL-227	Human Anatomy and Physiology I	
BTNY-203	General Botany	

BTNY-241	Systematic Botany	
CHEM-111	General Chemistry I	
CHEM-112	Principles of General College Chemistry II	
ENSI-119	Introduction to Environmental Science	
GEOG-100	Physical Geography	
GEOL-101	Physical Geology	
GEOL-102	Historical Geology	
PHYS-211	Engineering Physics I	
ZOOL-202	General Zoology	
Total Credits		**65-70**

*This General Education Requirement is met by the Program Requirements.

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate the ability to use current techniques, skills, and tools necessary for computing practice.
2. Demonstrate the ability to analyze the local and global impact of computing on individuals, organizations, and society.
3. Demonstrate an understanding of professional, ethical, legal, security, and social issues and responsibilities.
4. Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.
5. Apply knowledge of computing and mathematics appropriate to the discipline.
6. Analyze a problem, and identify and define the computing requirements appropriate to its solution.
7. Communicate effectively with a range of audiences and function effectively on a team to accomplish a common goal.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
CS-150	Computer Science I	4
ENGL-101	Writing and Rhetoric I	3
ENGR-119	Engineering and Computer Science First Year Experience Seminar	3
MATH-170	Calculus I	4
	Credits	**17**
SEMESTER 2		
CS-151	Computer Science II	4
CS-155	Computer Organization and Assembly Language	3
ENGL-102	Writing and Rhetoric II	3
ENGR-130	Engineering and Computer Science First Year Experience Symposium	1
MATH-187	Discrete Mathematics	4
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**18**
SEMESTER 3		
CS-210/ CS-220/ CS-280		3-4
CS-270	System Software	3
MATH-175	Analytic Geometry and Calculus II	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
Select one of the following:		4-5
BACT-250	General Microbiology	
BIOL-115	Introduction to Life Sciences	
BIOL-227	Human Anatomy and Physiology I	
BTNY-203	General Botany	
BTNY-241	Systematic Botany	
CHEM-111	General Chemistry I	
CHEM-112	Principles of General College Chemistry II	
ENSI-119	Introduction to Environmental Science	
GEOG-100	Physical Geography	

SEMESTER 1		CREDITS
GEOL-101	Physical Geology	
GEOL-102	Historical Geology	
PHYS-211	Engineering Physics I	
ZOOL-202	General Zoology	
	Credits	**17-18**
SEMESTER 4		
CS-241	Computer Operating Systems	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
Select one of the following:		4-5
BACT-250	General Microbiology	
BIOL-115	Introduction to Life Sciences	
BIOL-227	Human Anatomy and Physiology I	
BTNY-203	General Botany	
BTNY-241	Systematic Botany	
CHEM-111	General Chemistry I	
CHEM-112	Principles of General College Chemistry II	
ENSI-119	Introduction to Environmental Science	
GEOG-100	Physical Geography	
GEOL-101	Physical Geology	
GEOL-102	Historical Geology	
PHYS-211	Engineering Physics I	
ZOOL-202	General Zoology	
	Credits	**14-17**
	Total Credits	**65-70**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
CS-150	Computer Science I	4
MATH-170	Calculus I	4
ENGR-119	Engineering and Computer Science First Year Experience Seminar	3
	Credits	**11**
SEMESTER 2		
CS-151	Computer Science II	4
MATH-175	Analytic Geometry and Calculus II	4
ENGR-130	Engineering and Computer Science First Year Experience Symposium	1
	Credits	**9**
SUMMER 1		
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**3**
SEMESTER 3		
CS-155	Computer Organization and Assembly Language	3
ENGL-101	Writing and Rhetoric I	3
MATH-187	Discrete Mathematics	4
	Credits	**10**
SEMESTER 4		
COMM-101	Fundamentals of Oral Communication	3
CS-270	System Software	3
Select one of the following:		4-5
BACT-250	General Microbiology	
BIOL-115	Introduction to Life Sciences	
BIOL-227	Human Anatomy and Physiology I	
BTNY-203	General Botany	
BTNY-241	Systematic Botany	
CHEM-111	General Chemistry I	
CHEM-112	Principles of General College Chemistry II	
ENSI-119	Introduction to Environmental Science	
GEOG-100	Physical Geography	

SEMESTER 1		CREDITS
GEOL-101	Physical Geology	
GEOL-102	Historical Geology	
PHYS-211	Engineering Physics I	
ZOOL-202	General Zoology	
	Credits	**10-11**
SUMMER 2		
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**3**
SEMESTER 5		
CS-241	Computer Operating Systems	3
ENGL-102	Writing and Rhetoric II	3
Select one of the following:		4-5
BACT-250	General Microbiology	
BIOL-115	Introduction to Life Sciences	
BIOL-227	Human Anatomy and Physiology I	
BTNY-203	General Botany	
BTNY-241	Systematic Botany	
CHEM-111	General Chemistry I	
CHEM-112	Principles of General College Chemistry II	
ENSI-119	Introduction to Environmental Science	
GEOG-100	Physical Geography	
GEOL-101	Physical Geology	
GEOL-102	Historical Geology	
PHYS-211	Engineering Physics I	
ZOOL-202	General Zoology	
	Credits	**10-11**
SEMESTER 6		
CS-210/ CS-220/ CS-280		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3

SEMESTER 1		CREDITS
	Credits	**10-12**
	Total Credits	**65-70**

Culinary Arts AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Business

Description
The Culinary Arts program provides students with entry-level skills in the food service industry. Students receive instruction in cooking and baking, as well as theoretical knowledge that underlines competency in the field. Additional training involves table service, menus, cost controls, storeroom, entrepreneurship, marketing, supervision/ management, and stewarding. Students will have the opportunity to: Learn and effectively practice basic and advanced technical skills in food preparation and service. Understand the principles of food identification, nutrition, and food and beverage composition. Gain experience in the proper use and maintenance of professional food service equipment. Become familiar with the layout and workflow of professional kitchens and bakeshops. Gain an appreciation for the history, evolution, and international diversity of the culinary arts. Develop a sense of professionalism necessary for working successfully in the food service industry. Students get real-world experience in the kitchen, dining room, and deli operating Emery's Restaurant located on the second floor of the Hedlund Building.

Requirements

SEMESTER 1		CREDITS
CULA/ HOSP-111	Food Safety and Sanitation	3
CULA-120	Professional Kitchen 1	2
CULA-120L	Professional Kitchen Lab 1	4
CULA-123	Food Science	2
CULA/ HOSP-180	Introduction to Customer Service	1
CULA/ HOSP-180L	Introduction to Customer Service Lab	2
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**17-19**
SEMESTER 2		
CULA-121	Professional Kitchen 2	4
CULA-121L	Professional Kitchen Lab 2	4
CULA-130	Menu Planning and Procurement	2
CULA-181	Restaurant Customer Service Operations	1
CULA-181L	Restaurant Customer Service Operations Lab	2
GEM 1 - A.A.S. Written Communication		3-4
	Credits	**16-17**
SEMESTER 3		
CULA-222	Professional Kitchen 3	2
CULA-222L	Professional Kitchen Lab 3	3
CULA-266	Restaurant Entrepreneurship	3
CULA-267	Purchasing/Cost Controls	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**14**
SEMESTER 4		
CULA-211	Culinary Nutrition	2
CULA-223	Professional Kitchen 4	2
CULA-223L	Professional Kitchen Lab 4	3
CULA-265	Restaurant Supervision	2
CULA-268	Introduction to Wine, Beer and Spirits	2

SEMESTER 1		CREDITS
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
A.A.S. Institutionally Designated		3-5
	Credits	**17-19**
	Total Credits	**64-69**

Outcomes

Upon completion of the program, students will be able to:

1. Apply fundamentals and advanced skills in charcuterie, curing, classical sauce, soups and stocks, farinaceous foods, classical cookery techniques in international cuisine, American regional cuisines, define product specifications, and food and beverage service.
2. Plan, prepare, and cooks foods ala carte and buffet style consistently in a visually appealing manner while maintaining taste, nutritive value, flavor, and texture in classical and contemporary cooking methods.
3. Correctly prepare a variety a classical breads, artisan breads, classical pastry items, and desserts with the ability to correctly evaluate finished products for proper texture, color, palatability, shape, and doneness.
4. Demonstrate knowledge of laws, rules, regulations, and procedures governing food and beverage operations.
5. Analyze food cost and implement necessary controls to maintain costs and ensure profitability within a food service operation.
6. Demonstrate a general business knowledge and skills base necessary to compete in the business world including familiarity with management principles concepts and styles; marketing, public and customer relations; supervisory skills and entrepreneurial skills.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Culinary Arts ATC

Overview

Degree/Certificate
Advanced Technical Certificate

Interest Areas
Business

Description
The Culinary Arts program provides students with entry-level skills in the food service industry. Students receive instruction in cooking and baking, as well as theoretical knowledge that underlines competency in the field. Additional training involves table service, menus, cost controls, storeroom, entrepreneurship, marketing, supervision/ management, and stewarding. Students will have the opportunity to: Learn and effectively practice basic and advanced technical skills in food preparation and service. Understand the principles of food identification, nutrition, and food and beverage composition. Gain experience in the proper use and maintenance of professional food service equipment.Become familiar with the layout and workflow of professional kitchens and bakeshops. Gain an appreciation for the history, evolution, and international diversity of the culinary arts. Develop a sense of professionalism necessary for working successfully in the food service industry. Students get real-world experience in the kitchen, dining room, and deli operating Emery's Restaurant located on the second floor of the Hedlund Building.

Requirements

SEMESTER 1		CREDITS
CULA/ HOSP-111	Food Safety and Sanitation	3
CULA-120	Professional Kitchen 1	2
CULA-120L	Professional Kitchen Lab 1	4
CULA-123	Food Science	2
CULA/ HOSP-180	Introduction to Customer Service	1
CULA/ HOSP-180L	Introduction to Customer Service Lab	2
Select one of the following:		3-5
BLDR-120	Financial Business Applications	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**17-19**
SEMESTER 2		
CULA-121	Professional Kitchen 2	4
CULA-121L	Professional Kitchen Lab 2	4
CULA-130	Menu Planning and Procurement	2
CULA-181	Restaurant Customer Service Operations	1
CULA-181L	Restaurant Customer Service Operations Lab	2
GEM 1 - A.A.S. Written Communication		3-4
	Credits	**16-17**
SEMESTER 3		
CULA-222	Professional Kitchen 3	2
CULA-222L	Professional Kitchen Lab 3	3
CULA-266	Restaurant Entrepreneurship	3
CULA-267	Purchasing/Cost Controls	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**14**
SEMESTER 4		
CULA-223	Professional Kitchen 4	2
CULA-223L	Professional Kitchen Lab 4	3
CULA-265	Restaurant Supervision	2

SEMESTER 1		CREDITS
CULA-211	Culinary Nutrition	2
CULA-268	Introduction to Wine, Beer and Spirits	2
	Credits	**11**
	Total Credits	**58-61**

Outcomes

Upon completion of this program, students will be able to:

1. Apply fundamentals and advanced skills to charcuterie, curing, classical sauce, soups and stocks, farinaceous foods, classical cookery techniques in international cuisine, American regional cuisines, define product specifications, and food and beverage service.
2. Plan, prepare, and cook foods ala carte and buffet style consistently in a visually appealing manner while maintaining taste, nutritive value, flavor, and texture in classical and contemporary cooking methods.
3. Correctly prepare a variety of classical breads, artisan breads, classical pastry items, and desserts with the ability to correctly evaluate finished products for proper texture, color, palatability, shape, and doneness.
4. Demonstrate knowledge of laws, rules, regulations, and procedures governing food and beverage operations.
5. Analyze food cost and implement necessary controls to maintain costs and ensure profitability within a food service operation.
6. Demonstrate a general business knowledge and skills base necessary to compete in the business world including familiarity with management principles concepts and styles; marketing, public and customer relations; supervisory skills and entrepreneurial skills.

Culinary Arts ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Business

Description

The Culinary Arts program provides students with entry-level skills in the food service industry. Students receive instruction in cooking and baking, as well as theoretical knowledge that underlines competency in the field. Additional training involves table service, menus, cost controls, storeroom, and stewarding. Students will have the opportunity to: Learn and effectively practice basic and advanced technical skills in food preparation and service. Understand the principles of food identification, nutrition, and food and beverage composition. Gain experience in the proper use and maintenance of professional food service equipment. Become familiar with the layout and workflow of professional kitchens and bakeshops. Gain an appreciation for the history, evolution, and international diversity of the culinary arts. Develop a sense of professionalism necessary for working successfully in the food service industry. Students get real-world experience in the kitchen, dining room, and deli operating Emery's Restaurant located on the second floor of the Hedlund Building.

Requirements

SEMESTER 1		CREDITS
CULA/ HOSP-111	Food Safety and Sanitation	3
CULA-120	Professional Kitchen 1	2
CULA-120L	Professional Kitchen Lab 1	4
CULA-123	Food Science	2
CULA/ HOSP-180	Introduction to Customer Service	1
CULA/ HOSP-180L	Introduction to Customer Service Lab	2
Select one of the following:		3-5
BLDR-120	Financial Business Applications	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**17-19**
SEMESTER 2		
CULA-121	Professional Kitchen 2	4
CULA-121L	Professional Kitchen Lab 2	4
CULA-130	Menu Planning and Procurement	2
CULA-181	Restaurant Customer Service Operations	1
CULA-181L	Restaurant Customer Service Operations Lab	2
GEM 1 - A.A.S. Written Communication		3-4
	Credits	**16-17**
	Total Credits	**33-36**

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in the culinary arts industry.
2. Effectively practice basic and advanced technical skills in food preparation and service.
3. Understand the principles of food identification, nutrition, and food and beverage composition.
4. Properly use and maintain professional food service equipment.

5. Be familiar with the layout and workflow of professional kitchens and bakeshops.
6. Gain an appreciation for the history, evolution, and international diversity of the culinary arts.
7. Develop a sense of professionalism necessary for working successfully in the food service industry.

Culinary Arts Sous Chef Apprenticeship AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Business

Description
Culinary Arts Sous Chef Apprenticeship provides a structured and comprehensive, industry approved pathway for individuals who are passionate about cooking and aspire to become highly skilled culinary professionals with advanced career prospects. This program offers a combination of practical hands-on experience, theoretical knowledge, and mentorship. Apprentices will complete six semesters of related classroom and lab instruction at NIC. This will be coupled with 4000 hours of paid employment and tutelage toward achieving competencies set forth by the American Culinary Federation (ACF) with Chefs from local approved full-service industry sponsor sites. Once requirements are successfully met, apprentices will qualify to take the national practical and written examination with the ACF towards earning the Certified Sous Chef credential.

Program Requirements This is a selective enrollment program with special admission requirements. Applicants must have a minimum of six months of food service experience and have a GED or high school diploma. The application process includes: 1) two formal letters of recommendation that document a proven strong work ethic and keen interest in pursuing advanced or managerial positions within food service and 2) a maximum two-page essay outlining the student's career goals and intent to remain proactively committed to honoring your sponsor site/employer while completing your degree. Admission is decided by a selection committee of chef instructors and advisor, contingent upon successfully completing the interview process with the sponsor site.

Requirements

SEMESTER 1		CREDITS
CULA-111	Food Safety and Sanitation	3
CULP-101	Culinary Fundamentals Lab	5
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**11-13**
SEMESTER 2		
CULA-130	Menu Planning and Procurement	2
CULP-102	Baking and Pastry Fundamentals	4
A.A.S. Institutionally Designated		3
	Credits	**9**
SEMESTER 3		
CULA-180	Introduction to Customer Service	1
CULP-103	Proteins and Modern Techniques	5
GEM 1 - A.A.S. Written Communication		3-4
	Credits	**9-10**
SEMESTER 4		
CULA-211	Culinary Nutrition	2
CULP-201	Advanced Baking/Pastry/Intl Cuisine I	5
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**10**
SEMESTER 5		
CULA-266	Restaurant Entrepreneurship	3
CULA-267	Purchasing/Cost Controls	3
CULP-202	Advanced Baking/Pastry/Intl Cuisine II	4
	Credits	**10**
SEMESTER 6		
COMM-101	Fundamentals of Oral Communication	3
CULA-265	Restaurant Supervision	2
CULA-268	Introduction to Wine, Beer and Spirits	2
CULP-203	Culinary Apprenticeship Capstone Culinary Apprenticeship Capst	4
	Credits	**11**
	Total Credits	**60-63**

Outcomes

Upon successful completion of the program, students should have acquired the following competencies:

1. Culinary Expertise: Demonstrate mastery of both fundamental and advanced savory, baking, and pastry techniques, applying them effectively across a diverse range of food and beverage service settings.
2. Scientific Proficiency: Recognize the scientific principles underpinning cooking and baking, leveraging this knowledge to meticulously plan, prepare, and assess the quality of finished culinary creations.
3. Diverse Culinary Repertoire: Develop a diverse repertoire of dishes reflecting classic, contemporary, and global cuisine, showcasing creativity and culinary expertise.
4. Menu Design and Execution: Create, plan, and execute recipes and menus that exemplify ingenuity, balance, and culinary finesse, considering factors like seasonality, dietary preferences, and cost-efficiency while maintaining professional standards in taste and presentation.
5. Kitchen Proficiency: Demonstrate aptitude for success in a professional kitchen environment by upholding high standards of conduct and effectively managing a variety of tasks.
6. Kitchen Operations Management: Demonstrate the skills necessary to efficiently manage kitchen operations, including inventory control, staff supervision, and resource allocation.
7. Interpersonal and Organizational Skills: Exhibit exceptional interpersonal and organizational skills, fostering a collaborative and productive kitchen environment.
8. Leadership and Teamwork: Demonstrate effective leadership and teamwork skills, promoting collaboration and a harmonious kitchen atmosphere.
9. Adaptability and Problem-Solving: Show how culinarians adapt quickly to dynamic culinary environments, formulating creative solutions to challenges as they arise.
10. Sustainability: Implement sustainable practices in the realms of purchasing, production, and service to contribute to environmental responsibility.
11. Food Safety and Sanitation: Adhere to stringent food safety and sanitation practices, ensuring the well-being of both guests and staff.
12. Guest Service Excellence: Execute outstanding guest service, offering an exceptional dining experience that meets or exceeds customer expectations.
13. Cost Management: Implement controls to maintain costs and ensure the profitability of food service operations.

14. Business and Entrepreneurial Acumen: Present a foundational knowledge of business, supervisory, and entrepreneurial skills, enabling successful navigation of the culinary industry and fostering career growth.

Cybersecurity and Networking BTC

Overview

Degree/Certificate
Basic Technical Certificate

Interest Areas
Science, Technology, Engineering, and Mathematics

Description

The Cybersecurity and Networking Basic Technical Certificate will teach students proficiency in basic personal computer and small network implementation. It will provide students with knowledge that will allow them to work with computer networks and build their basic cybersecurity skills. Jobs appropriate for this certification include, but are not limited to, cabling technician, computer network support specialist, customer service and technical support, and computer user support. This certificate prepares students for industry-recognized certification exams. Students can also apply credits towards a Network Security Administration or Computer Information Technology Associate of Applied Science Degree.

Requirements

SEMESTER 1		**CREDITS**
CITE-116	Desktop Operating Support	3
CITE-118	Computer Information Technology Essentials	2
CITE-127	Desktop Commodity Operating Support Projects	2
CITE-155	Linux Essentials	3
	Credits	**10**
SEMESTER 2		
CITE-142	Information Security Fundamentals	3
CITE-152	Networking Essentials	3
CITE-165	Linux Systems Administration	3
CITE-243	Command Line and Scripting Fundamentals	3
	Credits	**12**
Total Credits		**22**

Outcomes

Upon completion of the program, students will be able to:

1. Describe devices and services used to support communications and data networks and the Internet.

2. Evaluate various network devices and media and how best to secure them.
3. Analyze captured network/application traffic.
4. Describe why information security is essential in today's IT environment.
5. Describe common security threats and their ramifications.
6. Use a packet sniffer to capture traffic on a network.
7. Determine the factors involved in developing a secure information security strategy.
8. Describe the basics of cryptography.
9. Differentiate between physical security, disaster recover, and business continuity.
10. Demonstrate appropriate and ethical behavior and good work habits.

Dental Hygiene AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Health Professions

Description
The Dental Hygiene program prepares students for entry into the dental hygiene profession as licensed clinicians (Registered Dental Hygienist-RDH). Dental Hygienists provide preventive, therapeutic, restorative, and procedures to control oral disease and promote optimal oral health. The Dental Hygiene program includes instruction in dental anatomy, microbiology, and pathology; dental hygiene theory and techniques; dental materials; radiology; patient education and counseling; and office management and professional standards. Clinical education experiences are integrated throughout the curriculum and offer students the opportunity to gain competency through practice each semester. Upon completion of this program, graduates will be eligible to take the National Dental Hygiene Board Examination (NBDHE), and the regional and/or state clinical and local anesthesia examinations. Applicants are encouraged to contact the State Board of Dentistry in the states in which they wish to practice for individual licensing requirements. Dental Hygiene is a competitive entry program. Students are admitted to the program every other year. The prerequisite course requirements are open to all students. The AAS degree may be obtained in a 24-month course of study following acceptance to the program. A minimum grade point average of B or 3.0 is required in all DENT courses, which includes BIOL-207 and PHAR-150.

Requirements

Note: *A minimum grade of C+ / 2.3 is required in all prerequisite courses. A minimum grade of B / 3.0 is required in all DENT courses, BIOL-207 and PHAR-150.*

SEMESTER 1		CREDITS
DENT-105	Dental Hygiene Pre-Clinic	4
DENT-110	Head, Neck, Oral, and Dental Anatomy	4
DENT-115	Oral Health Education	2
DENT-120	Oral Radiography	3
	Credits	**13**
SEMESTER 2		
DENT-125	Embryology, Histology, and Morphology	2
DENT-130	Periodontology I	2
DENT-150	Dental Hygiene Clinic I	3
DENT-151	Dental Hygiene Theory I	3
PHAR-150	Introduction to Pharmacology	3
	Credits	**13**
SEMESTER 3		
DENT-200	Dental Hygiene Clinic II	4
DENT-201	Dental Hygiene Theory II	1
DENT-215	Oral Pathology/Immunology	2
DENT-230	Periodontology II	2
DENT-235	Pain Management	3
BIOL-207	Concepts in Human Nutrition	3
	Credits	**15**
SEMESTER 4		
DENT-240	Community Dental Health	3
DENT-245	Advanced Instrumentation	1
DENT-250	Dental Hygiene Clinic III	4
DENT-260	Dental Materials	3
DENT-270	Dental Hygiene Review/Ethics and Law	2
	Credits	**13**
PREREQUISITES		
BACT-250	General Microbiology	4
BIOL-227	Human Anatomy and Physiology I	4
CHEM-102	Essentials of Organic and Biochemistry	4
COMM-101	Fundamentals of Oral Communication	3

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
PSYC-101	Introduction to Psychology	3
SOC-101	Introduction to Sociology	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**27-29**
	Total Credits	**81-83**

Outcomes

Upon completion of the program, students will be able to:

1. Apply principles of ethical reasoning, decision-making and professional responsibility in the provision and support of evidence-based oral health care services, research, patient care and practice management.
2. Demonstrate critical thinking, problem solving and self-evaluation in the provision of comprehensive care, patient management strategies, and professional competence development.
3. Plan educational strategies and clinical services for individuals with periodontal diseases using appropriate interpersonal communication, comprehensive data collection, and knowledge of periodontal conditions and therapies.
4. Access, critically appraise, apply and communicate evidence-based practices for all periodontal classifications within diverse patient populations.
5. Demonstrate interpersonal communication and collaborative skills to effectively interact with diverse population groups, health care providers, dental professionals, and community groups.
6. Apply refined instrumentation skills for periodontal, restorative and therapeutic interventions for individuals at all stages of life.
7. Apply behavioral sciences and patient centered approaches to promote, improve and maintain oral health.
8. Use assessment, planning, implementation and evaluation for the provision of dental hygiene services and disease prevention strategies within diverse, multicultural and special needs populations, and community groups.
9. Demonstrate use of mathematical and statistical concepts in the application of clinical and preventative dental care strategies.
10. Use appropriate library and information resources to research professional issues, develop community health program planning and to support lifelong learning.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Diesel Technology AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Trades and Industry

Description
This program is designed to prepare students for employment as entry-level truck/heavy equipment technicians. The Diesel Technology program emphasizes extensive shop work using actual customer projects, as well as mock-up units and assemblies similar to those found in industry. Instruction includes theory and troubleshooting of problems involved in the repair and maintenance of engines, transmissions, differentials, brakes, steering, suspension, cooling, as well as hydraulics, undercarriages, fuel and air systems, and introduction to vehicle/equipment operation. Integrated in the program is a course in safety and basic welding procedures. Successful completion of each semester or permission of the instructor is required to continue into the next semester. Placement in specific English and math courses is determined by the college assessment test. Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Requirements

SEMESTER 1		CREDITS
DSLT-104	Safety and Introduction to Shop Practices	2
DSLT-123L	Diesel Engines/Electrical Systems Lab	6
DSLT-125	Diesel Engines	2
DSLT-126	Electrical Systems	3
DSLT-133	Introduction to Electrical	1
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**17-19**
SEMESTER 2		
DSLT-124	Powertrain/Brake Systems	5
DSLT-124L	Powertrain/Brake Systems Lab	6
ENGL-101	Writing and Rhetoric I	3
	Credits	**14**
SUMMER 1		
DSLT-117L	Diesel Lab	2
DSLT-137	Suspension/Steering and A/C	2
	Credits	**4**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
DSLT-223	Advanced Tune-Up/Computerized Engines	4
DSLT-223L	Advanced Tune-Up/Computerized Engines Lab	6
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**16**
SEMESTER 4		
DSLT-203	Basic Hydraulic Systems	2
DSLT-224	Undercarriage/Powershift Transmissions And Hydraulics	4
DSLT-224L	Undercarriage/Powershift Transmissions And Hydraulics Lab	6
A.A.S. Institutionally Designated		3
	Credits	**15**
	Total Credits	**66-68**

Outcomes

Upon completion of the program, students will be able to:

1. Explain proper safety procedures in regard to overall shop safety practices with emphasis on equipment and maintenance/repair of diesel components.
2. Troubleshoot, repair, and rebuild a diesel engine.
3. Understand and apply electrical principles as they relate to starting and charging.
4. Recognize, troubleshoot and repair powertrain systems including transmissions, differentials, brake systems and drive trains.
5. Demonstrate good work habits, communication practices and computation skills when performing both technical and general functions required of a diesel technician.
6. Troubleshoot, repair, and rebuild a variety of diesel engines and their respective systems commonly found in the industry.
7. Understand and apply electrical principles as they relate to starting, charging and electronic systems.
8. Explain and apply hydraulic concepts, formulas and repair procedures to a variety of diesel vehicles found in the industry.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Diesel Technology ATC

Overview

Degree/Certificate
Advanced Technical Certificate

Interest Areas
Trades and Industry

Description
This program is designed to prepare students for employment as entry-level truck/heavy equipment technicians. The Diesel Technology program emphasizes extensive shop work using actual customer projects, as well as mock-up units and assemblies similar to those found in industry. Instruction includes theory and troubleshooting of problems involved in the repair and maintenance of engines, transmissions, differentials, brakes, steering, suspension, cooling, as well as hydraulics, undercarriages, fuel and air systems, and introduction to vehicle/equipment operation. Integrated in the program is a course in safety and basic welding procedures. Successful completion of each semester or permission of the instructor is required to continue into the next semester. Placement in specific English and math courses is determined by the college assessment test. Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Requirements

SEMESTER 1		CREDITS
DSLT-104	Safety and Introduction to Shop Practices	2
DSLT-123L	Diesel Engines/Electrical Systems Lab	6
DSLT-125	Diesel Engines	2
DSLT-126	Electrical Systems	3
DSLT-133	Introduction to Electrical	1
MCTE-104	Technical Mathematics for Automotive Technology and Diesel	3
	Credits	**17**
SEMESTER 2		
DSLT-124	Powertrain/Brake Systems	5
DSLT-124L	Powertrain/Brake Systems Lab	6
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**14**
SUMMER 1		
DSLT-117L	Diesel Lab	2
DSLT-137	Suspension/Steering and A/C	2
	Credits	**4**
SEMESTER 3		
ATEC-117	Occupational Relations and Job Search	2
DSLT-223	Advanced Tune-Up/Computerized Engines	4
DSLT-223L	Advanced Tune-Up/Computerized Engines Lab	6
	Credits	**12**
SEMESTER 4		
DSLT-203	Basic Hydraulic Systems	2
DSLT-224	Undercarriage/Powershift Transmissions And Hydraulics	4
DSLT-224L	Undercarriage/Powershift Transmissions And Hydraulics Lab	6
	Credits	**12**
	Total Credits	**59**

Outcomes

Upon completion of the program, students will be able to:

1. Explain proper safety procedures in regard to overall shop safety practices with emphasis on equipment and maintenance/repair of diesel components.
2. Troubleshoot, repair, and rebuild a diesel engine.
3. Understand and apply electrical principles as they relate to starting and charging.
4. Recognize, troubleshoot and repair powertrain systems including transmissions, differentials, brake systems and drive trains.
5. Demonstrate good work habits, communication practices and computation skills when performing both technical and general functions required of a diesel technician.
6. Troubleshoot, repair, and rebuild a variety of diesel engines and their respective systems commonly found in the industry.
7. Understand and apply electrical principles as they relate to starting, charging and electronic systems.
8. Explain and apply hydraulic concepts, formulas and repair procedures to a variety of diesel vehicles found in the industry.

Diesel Technology ITC

Overview

Degree/Certificate

Interm Technical Certificate

Interest Areas

Trades and Industry

Description

This program is designed to prepare students for employment as entry-level truck/heavy equipment technicians. The Diesel Technology program emphasizes extensive shop work using actual customer projects, as well as mock-up units and assemblies similar to those found in industry. Instruction includes theory and troubleshooting of problems involved in the repair and maintenance of engines, transmissions, differentials, brakes, steering, suspension, cooling, as well as hydraulics, undercarriages, fuel and air systems, and introduction to vehicle/equipment operation. Integrated in the program is a course in safety and basic welding procedures. Successful completion of each semester or permission of the instructor is required to continue into the next semester. Placement in specific English and math courses is determined by the college assessment test. Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Requirements

SEMESTER 1		CREDITS
DSLT-104	Safety and Introduction to Shop Practices	2
DSLT-123L	Diesel Engines/Electrical Systems Lab	6
DSLT-125	Diesel Engines	2
DSLT-126	Electrical Systems	3
DSLT-133	Introduction to Electrical	1
MCTE-104	Technical Mathematics for Automotive Technology and Diesel	3
	Credits	**17**
SEMESTER 2		
ATEC-117	Occupational Relations and Job Search	2
DSLT-124	Powertrain/Brake Systems	5
DSLT-124L	Powertrain/Brake Systems Lab	6
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**16**
SUMMER 1		
DSLT-117L	Diesel Lab	2
DSLT-137	Suspension/Steering and A/C	2
	Credits	**4**
	Total Credits	**37**

Outcomes

Upon completion of the program, students will be able to:

1. Explain proper safety procedures in regard to overall shop safety practices with emphasis on equipment and maintenance/repair of diesel components.
2. Troubleshoot, repair, and rebuild a diesel engine.
3. Understand and apply electrical principles as they relate to starting and charging.
4. Recognize, troubleshoot and repair powertrain systems including transmissions, differentials, brake systems and drive trains.
5. Demonstrate good work habits, communication practices and computation skills when performing both technical and general functions required of a diesel technician.

Education AA

Overview

Degree/Certificate

Associate of Arts

Interest Areas

Human Sciences

Description

The Education program is intended for students who wish to teach in a middle school, or high school setting. Most transfer institutions and state teacher certification standards require high school teachers to complete a major area of study such as English, History, Art, or Biology. In preparation for transfer, NIC students may enroll in courses which have a high probability for transfer and courses that support their major area of study. It is strongly recommended that students who plan to teach in a high school setting contact their transfer institution as soon as possible regarding specific coursework needed for the transfer institution's core curriculum, college of education requirements, and/or state certification requirements. Delay in contacting the transfer institution may result in taking unnecessary courses. Students wishing to pursue a career as a middle school teacher have two options. The first option is to complete secondary requirements for high school teachers and be certified to teach grades 6-12 in their area. The second option would be to seek an elementary certification and seek an endorsement in their content area. Students who are uncertain about becoming a teacher may enroll in EDUC-201 as a sophomore with 30 or more credits. This course is designed to assist students in making an educated decision about teaching as a career choice. (EDUC-120 is the prerequisite for EDUC-201)

Contact Information: Division of Education Post-Winton Hall, Room 101 Phone: (208) 769-3409

Requirements

General Education Requirements		
GEM 1 - Written Communication		6-8
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing*		0
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
EDUC-120	Foundations of Education	3
EDUC-201	Introduction to Teaching	3
EDUC-202	Educational Technology	3
PSYC-101	Introduction to Psychology	3
Electives Requirements		
Courses 100-level or higher		12-19
Total Credits		**60-67**

*This General Education Requirement is met by the Program Requirements.

Outcomes

Upon completion of the program, students will be able to:

1. Design and implement developmentally appropriate and challenging learning experiences in the K-12 classroom environment.
2. Utilize multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and the learner's decision making.
3. Pursue their educational and professional goals through transfer or transition to a different field.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		**CREDITS**
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
PSYC-101	Introduction to Psychology	3
COMM-101	Fundamentals of Oral Communication	3
Elective		3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**15-18**
SEMESTER 2		
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
EDUC-120	Foundations of Education	3
GEM 4 - Scientific Ways of Knowing		3-4
Elective		6
	Credits	**15-17**
SEMESTER 3		
EDUC-201	Introduction to Teaching	3
GEM 4 - Scientific Ways of Knowing		4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
Elective		5
	Credits	**16-18**
SEMESTER 4		
EDUC-202	Educational Technology	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7I - Institutionally Designated		3
Elective		5
	Credits	**14**
	Total Credits	**60-67**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
PSYC-101	Introduction to Psychology	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-12**
SEMESTER 2		
EDUC-120	Foundations of Education	3
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
Elective		3
	Credits	**9-10**
SUMMER 1		
Elective		3
	Credits	**3**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
GEM 4 - Scientific Ways of Knowing		3-4
Elective		3
	Credits	**9-10**
SEMESTER 4		
GEM 4 - Scientific Ways of Knowing		4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
Elective		3
	Credits	**10**
SUMMER 2		
Elective		3
	Credits	**3**
SEMESTER 5		
EDUC-201	Introduction to Teaching	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**9**
SEMESTER 6		

SEMESTER 1		CREDITS
EDUC-202	Educational Technology	3
GEM 7W - Wellness		1-3
Elective		4
	Credits	**8-10**
	Total Credits	**60-67**

Elementary Education AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Human Sciences

Description
The Education program is intended for students who wish to teach in an elementary or middle school education setting. It is strongly recommended that students who plan to teach kindergarten through grade eight in an elementary or middle school contact their transfer institution as soon as possible regarding specific coursework needed for the transfer institution's core curriculum, college of education requirements, and/or state certification requirements. Delay in contacting the transfer institution may result in taking unnecessary courses. The following courses have a high probability for transfer and meet core requirements for an associate's degree from North Idaho College. Students wishing to pursue a career as a middle school teacher have two options. The first option is to complete secondary requirements for high school teachers and be certified to teach grades 6-12 in their area. The second option would be to seek an elementary certification and seek an endorsement in their content area. Students who are uncertain about becoming a teacher may enroll in EDUC-201 as a sophomore with 30+ credits. This course is designed to assist students in making an educated decision about teaching as a career choice. (EDUC 120 is the prerequisite for EDUC 201)

Contact Information: Division of Education Post-Winton Hall, Room 101 Phone: (208) 769-3409

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing**		3
GEM 6 - Social and Behavioral Ways of Knowing*		0
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
EDUC-120	Foundations of Education	3
EDUC-201	Introduction to Teaching	3
EDUC-202	Educational Technology	3
ENGL-175	Literature and Ideas	3
MATH-157	Mathematics for Elementary Teachers I	3
MATH-257	Mathematics for Elementary Teachers II	3
PSYC-101	Introduction to Psychology	3
PSYC-205	Developmental Psychology	3
HIST-111	United States History I	3
or HIST-112	United States History II	
Select two of the following:		6
ANTH-102	Cultural Anthropology	
ART-100	Introduction to Art	
ENGL-202	Technical Writing	
ENGL-205	Interdisciplinary Writing	
ENGL-272	Business Writing	
ENGL-291	Creative Writing: Poetry	
ENGL-292	Creative Writing: Fiction	
HIST-101	World History I	
HIST-102	World History II	
HUMS-101	Montage: Introduction to the Humanities	
MUSI-100	Introduction to Music	
POLS-101	American National Government	
THEA-101	Introduction to the Theatre	
Total Credits		**60-64**

*This General Education Requirement is met by the Program Requirements.

**This General Education Requirement is partially met by the Program Requirements.

Outcomes

Upon completion of the program, students will be able to:

1. Design and implement developmentally appropriate and challenging learning experiences in the K-12 classroom environment.
2. Utilize multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and the learner's decision making.
3. Pursue their educational and professional goals through transfer or transition to a different field.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Part-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
EDUC-120	Foundations of Education	3
ENGL-101	Writing and Rhetoric I	3
PSYC-101	Introduction to Psychology	3
HIST-111 or HIST-112	United States History I or United States History II	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		3-4
Program Requirement Elective		3
	Credits	**16-18**
SEMESTER 3		
EDUC-202	Educational Technology	3
ENGL-175	Literature and Ideas	3
MATH-157	Mathematics for Elementary Teachers I	3
PSYC-205	Developmental Psychology	3
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**16**
SEMESTER 4		
EDUC-201	Introduction to Teaching	3
MATH-257	Mathematics for Elementary Teachers II	3
GEM 7I - Institutionally Designated		3
GEM 7W - Wellness		1-3
Program Requirement Elective		3
	Credits	**13-15**
	Total Credits	**60-64**

Part-Time Pathway

SEMESTER 1		CREDITS
EDUC-120	Foundations of Education	3
ENGL-101	Writing and Rhetoric I	3
PSYC-101	Introduction to Psychology	3
	Credits	**9**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
PSYC-205	Developmental Psychology	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SUMMER 1		
Program Requirement Elective		3
	Credits	**3**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
HIST-111 or HIST-112	United States History I or United States History II	3
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**10**
SEMESTER 4		
ENGL-175	Literature and Ideas	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**10**
SUMMER 2		
Program Requirement Elective		3
	Credits	**3**
SEMESTER 5		
EDUC-202	Educational Technology	3
MATH-157	Mathematics for Elementary Teachers I	3
GEM 7I - Institutionally Designated		3
	Credits	**9**
SEMESTER 6		

SEMESTER 1		CREDITS
EDUC-201	Introduction to Teaching	3
MATH-257	Mathematics for Elementary Teachers II	3
GEM 7W - Wellness		1-3
	Credits	**7-9**
	Total Credits	**60-64**

Electrical Apprenticeship AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Trades and Industry

Description
This program is offered in partnership with NIC's Workforce Development and Career and Technical Education division. It is specifically designed for students who have completed a state or federally approved Electrical Apprenticeship program consisting of 8,000 hours of on-the-job training and 576 hours of classroom instruction. Upon completion of the full apprenticeship program, transcription of credits must be initiated by contacting NIC's Workforce Training Center. Completion of general education requirements may occur prior to, at the same times, or after completion of the apprenticeship courses.

Requirements

General Education Requirements		
GEM 1 - A.A.S. Written Communication		3-4
GEM 2 - A.A.S. Oral Communication		3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
A.A.S. Institutionally Designated		3-5
Program Requirements		
ELAP-101	Electrical Apprenticeship - 1st Year	12
ELAP-102	Electrical Apprenticeship 2nd Year	12
ELAP-104	Electrical Apprenticeship 4th Year	12
ELAP-103	Electrical Apprenticeship 3rd Year	12
Total Credits		**63-68**

Outcomes
Upon completion of the program, students will be able to:

1. Identify and perform tasks in accordance with local and national regulations.
2. Effectively communicate with management in their chosen field to advance their career and demonstrate technical communication.
3. Translate comprehensive principles, skills, and applications of their chosen trade to work safely and efficiently in the industry.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

English AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Arts and Communication

Description
The study of literature and composition helps students to acquire valuable interdisciplinary communication skills for a wide range of professions. Classes focus on the pleasures and challenges of reading and writing. Students learn to read critically, to think logically, to analyze and organize a wide variety of concepts, to research and evaluate sources, and to communicate clearly and effectively. Studying literature, creative writing, and professional writing provides students with strong reading comprehension abilities and inspires cultural, social, philosophical, and historical inquiry. Regular practice of writing teaches students to express their ideas artfully and to integrate diverse perspectives into convincing essays. English majors can apply these skills to a range of professional fields, such as business, advertising, media, law, health professions, and education. Completion of this program normally fulfills the first half of bachelor's degree requirements in English. Students can choose a special focus in literature, creative writing, or professional writing. Students who wish to choose a special focus for their English A.A. (literature, creative writing, or professional writing) must meet with their English advisors to discuss specific course recommendations. Course selections should be tailored to match requirements of the intended transfer institutions.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6-8
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing*		0
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
ENGL-195	Introduction to English Studies	3
ENGL-210	Literary Analysis	3
ENGL-271	Introduction to Shakespeare	3
or ENGL-296	Major Figures	
**Select 12 credits of the following:		12
ENGL-202	Technical Writing	
ENGL-205	Interdisciplinary Writing	
ENGL-209	Trestle Creek Review	
ENGL-216	Mythology	
ENGL-257	Literature of Western Civilization	
ENGL-258	Literature of Western Civilization	
ENGL-267	Survey of English Literature	
ENGL-268	Survey of English Literature	
ENGL-271	Introduction to Shakespeare	
ENGL-272	Business Writing	
ENGL-277	Great American Writers I: Contact to Civil War	
ENGL-278	Great American Writers II: Civil War to Contemporary	
ENGL-285	American Indian Literature	
ENGL-291	Creative Writing: Poetry	
ENGL-292	Creative Writing: Fiction	

ENGL-293	Creative Writing: Literary Nonfiction	
ENGL-295	Contemporary US Multicultural Literature	
ENGL-296	Major Figures	
Modern Language Requirement *		
Select 2 courses from the following:		8
French (FREN)		
German (GERM)		
Spanish (SPAN)		
Electives Requirements		
Courses 100-level or higher		0-2
Total Credits		**60-67**

*This General Education Requirement is met by the Program Requirements.

**Advising is critical to ensure course selections are appropriate for seamless transfer. The minimum credits for an A.A. degree is 60, but students may need to complete up to 78 credits. The maximum credits for transfer depend on the institution. Check with your advisor before selecting English and/or general electives.

***Students may need to take two years of a Modern Language for transfer. Check with your advisor and transfer institution.

Note: *Total completed credits will vary based on elective courses and course selection for transfer institution requirements.*

Outcomes

Upon completion of the program, students will be able to:

1. Recognize and describe literary works within problems and patterns of the human experience.
2. Distinguish, demonstrate competency, and apply terminologies, methodologies, processes, epistemologies, and traditions specific to literature, creative writing, and/or professional writing.
3. Analyze, evaluate, and interpret tests, objects, events, or ideas in their cultural, intellectual, linguistic, or historical contexts.
4. Develop critical perspectives or arguments about the subject matter, grounded in evidence-based analysis.
5. Demonstrate self-reflection, intellectual elasticity, widened perspective, and respect for diverse viewpoints.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

Please select an area of emphasis below to see the program map for that emphasis:

Creative Writing Pathway Requirement

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
ENGL-195	Introduction to English Studies	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**15-17**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
ENGL-210	Literary Analysis	3
ENGL-285 or ENGL-295	American Indian Literature or Contemporary US Multicultural Literature	3
Electives		2-3
GEM 4 - Scientific Ways of Knowing Milestone course		3-4
	Credits	**14-16**
SEMESTER 3		
ENGL-277 or ENGL-267	Great American Writers I: Contact to Civil War or Survey of English Literature	3
Electives		3
GEM 7I - Institutionally Designated		3
GEM 7W - Wellness		1-3
Select one course from one discipline:		4
French		
German		
Spanish		
	Credits	**14-16**
SEMESTER 4		
ENGL-268 or ENGL-278	Survey of English Literature or Great American Writers II: Civil War to Contemporary	3
ENGL-271 or ENGL-296	Introduction to Shakespeare or Major Figures	3

SEMESTER 1		CREDITS
ENGL-295 or ENGL-285	Contemporary US Multicultural Literature or American Indian Literature	3
GEM 4 - Scientific Ways of Knowing		4
Select one course from the same discipline as the previous semester:		4
French		
German		
Spanish		
	Credits	**17**
	Total Credits	**60-66**

English Exploratory Pathway Requirement

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
ENGL-195	Introduction to English Studies	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**15-17**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
ENGL-210	Literary Analysis	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 7W - Wellness		1-3
Electives		3
	Credits	**13-16**
SEMESTER 3		
GEM 4 - Scientific Ways of Knowing		4
GEM 6 - Social and Behavioral Ways of Knowing		3
Electives		4-6
Select one course from one discipline:		4
French		
German		
Spanish		
	Credits	**16**
SEMESTER 4		
ENGL-271 or ENGL-296	Introduction to Shakespeare or Major Figures	3
GEM 7I - Institutionally Designated		3
Electives		3-6
Select one course from the same discipline as the previous semester:		4
French		
German		
Spanish		
	Credits	**16**

SEMESTER 1		CREDITS
	Total Credits	**60-65**

English Literature Pathway Requirement

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
ENGL-195	Introduction to English Studies	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**15-17**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
ENGL-210	Literary Analysis	3
ENGL-285 or ENGL-295	American Indian Literature or Contemporary US Multicultural Literature	3
GEM 4 - Scientific Ways of Knowing		3-4
Electives		1-3
	Credits	**14-16**
SEMESTER 3		
ENGL-277 or ENGL-267	Great American Writers I: Contact to Civil War or Survey of English Literature	3
GEM 7I - Institutionally Designated		3
GEM 7W - Wellness		1-3
Electives		3
Select one course from one discipline:		4
French		
German		
Spanish		
	Credits	**14-16**
SEMESTER 4		
ENGL-268 or ENGL-278	Survey of English Literature or Great American Writers II: Civil War to Contemporary	3
ENGL-271 or ENGL-296	Introduction to Shakespeare or Major Figures	3

SEMESTER 1		CREDITS
ENGL-285 or ENGL-295	American Indian Literature or Contemporary US Multicultural Literature	3
GEM 4 - Scientific Ways of Knowing		3-4
Select one course from one discipline:		4
French		
German		
Spanish		
	Credits	**17**
	Total Credits	**60-66**

Professional Writing Pathway Requirements

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
ENGL-195	Introduction to English Studies	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**15-17**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
ENGL-210	Literary Analysis	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**13-16**
SEMESTER 3		
ENGL-202	Technical Writing	3
ENGL-205	Interdisciplinary Writing	3
ENGL-293	Creative Writing: Literary Nonfiction	3
GEM 4 - Scientific Ways of Knowing		4
Select one course from one discipline:		4
French		
German		
Spanish		
	Credits	**17**
SEMESTER 4		
ENGL-271 or ENGL-296	Introduction to Shakespeare or Major Figures	3
ENGL-272	Business Writing	3
GEM 7I - Institutionally Designated		3
Electives		2-3
Select one course from one discipline:		4
French		
German		

SEMESTER 1		CREDITS
Spanish		
	Credits	**15-16**
	Total Credits	**60-66**

Part-Time Pathway

Part-Time Pathway

Please select an area of emphasis below to see the program map for that emphasis:

Note: *Total completed credits will vary based on elective courses and course selection for transfer institution requirements.*

Creative Writing Pathway Requirement

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
ENGL-195	Introduction to English Studies	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
ENGL-209	Trestle Creek Review	3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**12**
SEMESTER 3		
ENGL-210	Literary Analysis	3
ENGL-292	Creative Writing: Fiction	3
GEM 4 - Scientific Ways of Knowing Milestone course		3-4
GEM 7W - Wellness		1-3
	Credits	**10-13**
SEMESTER 4		
ENGL-271	Introduction to Shakespeare	3
ENGL-291	Creative Writing: Poetry	3
Select one course from one discipline:		4
French		
German		
Spanish		
	Credits	**10**
SEMESTER 5		
GEM 4 - Scientific Ways of Knowing		4
Select one of the following:		3
ENGL-267	Survey of English Literature	
ENGL-277	Great American Writers I: Contact to Civil War	
ENGL-295	Contemporary US Multicultural Literature	
Select one course from one discipline:		4
French		

SEMESTER 1		CREDITS
German		
Spanish		
	Credits	**11**
SEMESTER 6		
ENGL-293	Creative Writing: Literary Nonfiction	3
GEM 7I - Institutionally Designated		3
Select one of the following:		3
ENGL-268	Survey of English Literature	
ENGL-278	Great American Writers II: Civil War to Contemporary	
ENGL-295	Contemporary US Multicultural Literature	
	Credits	**9**
	Total Credits	**61-66**

English Exploratory Pathway Requirement

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
ENGL-195	Introduction to English Studies	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
ENGL-210	Literary Analysis	3
	Credits	**9**
SEMESTER 3		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
Electives		3
	Credits	**10-13**
SEMESTER 4		
GEM 6 - Social and Behavioral Ways of Knowing		3
Electives		4-6
Select one course from one discipline:		4
French		
German		
Spanish		
	Credits	**12-13**
SEMESTER 5		
ENGL-271 or ENGL-296	Introduction to Shakespeare or Major Figures	3
GEM 4 - Scientific Ways of Knowing		4
Select one course from one discipline:		4
French		
German		
Spanish		
	Credits	**11**

SEMESTER 1		CREDITS
SEMESTER 6		
GEM 7I - Institutionally Designated		3
Electives		6
	Credits	**9**
	Total Credits	**60-66**

English Literature Pathway Requirement

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
ENGL-195	Introduction to English Studies	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**10-12**
SEMESTER 3		
ENGL-210	Literary Analysis	3
GEM 4 - Scientific Ways of Knowing		3-4
Select one course from one discipline:		4
French		
German		
Spanish		
	Credits	**10-11**
SEMESTER 4		
ENGL-277 or ENGL-267	Great American Writers I: Contact to Civil War or Survey of English Literature	3
ENGL-285 or ENGL-295	American Indian Literature or Contemporary US Multicultural Literature	3
Select one course from one discipline:		4
French		
German		
Spanish		
	Credits	**10**
SEMESTER 5		
ENGL-271 or ENGL-296	Introduction to Shakespeare or Major Figures	3

SEMESTER 1		CREDITS
GEM 4 - Scientific Ways of Knowing		4
GEM 7I - Institutionally Designated		3
	Credits	**10**
SEMESTER 6		
ENGL-268 or ENGL-278	Survey of English Literature or Great American Writers II: Civil War to Contemporary	3
ENGL-285 or ENGL-295	American Indian Literature or Contemporary US Multicultural Literature	3
GEM 6 - Social and Behavioral Ways of Knowing		3
Elective		2-3
	Credits	**11-12**
	Total Credits	**60-66**

Professional Writing Pathway Requirements

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
ENGL-195	Introduction to English Studies	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**9-10**
SEMESTER 3		
ENGL-205	Interdisciplinary Writing	3
ENGL-210	Literary Analysis	3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**10-12**
SEMESTER 4		
ENGL-202	Technical Writing	3
GEM 4 - Scientific Ways of Knowing		4
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**10**
SEMESTER 5		
ENGL-293	Creative Writing: Literary Nonfiction	3
GEM 7I - Institutionally Designated		3
Electives		2
Select one course from one discipline:		4
French		
German		
Spanish		
	Credits	**12**
SEMESTER 6		
ENGL-271 or ENGL-296	Introduction to Shakespeare or Major Figures	3

SEMESTER 1		CREDITS
ENGL-272	Business Writing	3
Select one course from one discipline:		4
French		
German		
Spanish		
	Credits	**10**
	Total Credits	**60-65**

Engineering AS

Overview

Degree/Certificate

Associate of Science

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

A full range of engineering and related courses are offered to satisfy freshman and sophomore requirements for students planning to transfer to institutions offering baccalaureate degrees in engineering or engineering technology. A solid foundation is laid for further studies in civil, mechanical, chemical, and electrical engineering. This program provides the flexibility needed by students interested in emerging fields like computer science, robotics, bioengineering, geological engineering, environmental engineering, and many others. The advantages of small class size, individual attention, a knowledgeable professional staff, and state-of-the-art instructional equipment incorporating modern CAD (computer aided design) are well suited to meeting the lower division requirements for degrees in engineering. A solid math and science background is important preparation for a college engineering program. Completion of the following courses normally fulfills half of bachelor's degree requirements in Engineering. Course selections should be tailored to match requirements of the intended transfer institution.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing**		3
GEM 6 - Social and Behavioral Ways of Knowing**		3
GEM 7W - Wellness		1-3
GEM 7F - First Year Experience*		0
Program Requirements		
CHEM-111	General Chemistry I	5
ENGR-119	Engineering and Computer Science First Year Experience Seminar	3
ENGR-130	Engineering and Computer Science First Year Experience Symposium	1
ENGR-210	Statics	3
MATH-170	Calculus I	4
MATH-175	Analytic Geometry and Calculus II	4
MATH-370	Introduction to Ordinary Differential Equations	3
PHIL-103	Introduction to Ethics	3
PHYS-211	Engineering Physics I	5
ECON-201	Principles of Macroeconomics	3
or ECON-202	Principles of Microeconomics	
Program Electives		
***Select a minimum of 14 credits from the following:		14
CHEM-112	Principles of General College Chemistry II	
CHEM-277	Organic Chemistry I	
CHEM-278	Organic Chemistry I Lab	
CHEM-287	Organic Chemistry II	
CHEM-288	Organic Chemistry II Lab	
CS-150	Computer Science I	
CS-240	Digital Logic	
ENGL-202	Technical Writing	
ENGR-105	Engineering Graphics	
ENGR-220	Dynamics of Rigid Bodies	
ENGR-223	Engineering Analysis	
ENGR-240	Circuits I	
ENGR-241	Circuits II	
ENGR-295	Strength of Materials	
MATH-275	Analytic Geometry and Calculus III	
MATH-335	Linear Algebra	
PHYS-212	Engineering Physics II	
Total Credits		**64-66**

*This General Education Requirement is met by the Program Requirements.

**This General Education Requirement is partially met by the Program Requirements.

***Choose courses based on major chosen at your transfer institution.

Outcomes

Students completing coursework in Engineering at North Idaho College will be given the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.

Upon completion of the program, students will be able to:

1. Recognize the impact of engineering solutions in a global, economic, environmental, and societal context.
2. Apply knowledge of mathematics, science, and engineering to identify, formulate, and solve basic engineering problems.
3. Function on multidisciplinary teams, communicate effectively, and use the techniques, skills, and modern engineering tools necessary for engineering practice.
4. Develop an understanding of professional and ethical responsibilities for engineers, a knowledge of contemporary issues, and a recognition of the need for, and ability to engage in life-long learning.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

Please select an area of emphasis below to see the program map for that emphasis:

Note: *Total completed credits will vary based on elective courses and course selection for transfer institution requirements.*

Chemical Engineering Emphasis

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
ENGL-101	Writing and Rhetoric I	3
ENGR-119	Engineering and Computer Science First Year Experience Seminar	3
MATH-170	Calculus I	4
GEM 7W - Wellness		1-3
	Credits	**16-18**
SEMESTER 2		
CHEM-112	Principles of General College Chemistry II	5
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
ENGR-130	Engineering and Computer Science First Year Experience Symposium	1
MATH-175	Analytic Geometry and Calculus II	4
	Credits	**16**
SUMMER 1		
PHIL-103	Introduction to Ethics	3
	Credits	**3**
SEMESTER 3		
ENGR-210	Statics	3
MATH-370	Introduction to Ordinary Differential Equations	3
PHYS-211	Engineering Physics I	5
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**14**
SEMESTER 4		
ECON-201 or ECON-202	Principles of Macroeconomics or Principles of Microeconomics	3
MATH-275	Analytic Geometry and Calculus III	4
PHYS-212	Engineering Physics II	5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15**
	Total Credits	**64-66**

Additional notes: Students completing this proposed pathway may not be transferring to their four-year institutions as "Juniors". Once-a-semester advising is extremely important for Engineering students.

Civil Engineering Emphasis

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
ENGL-101	Writing and Rhetoric I	3
ENGR-119	Engineering and Computer Science First Year Experience Seminar	3
MATH-170	Calculus I	4
GEM 7W - Wellness		1-3
	Credits	**16-18**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
ENGR-130	Engineering and Computer Science First Year Experience Symposium	1
MATH-175	Analytic Geometry and Calculus II	4
PHYS-211	Engineering Physics I	5
	Credits	**16**
SUMMER 1		
ECON-201 or ECON-202	Principles of Macroeconomics or Principles of Microeconomics	3
PHIL-103	Introduction to Ethics	3
	Credits	**6**
SEMESTER 3		
ENGR-105	Engineering Graphics	2
ENGR-210	Statics, Milestone course	3
ENGR-223	Engineering Analysis	3
MATH-370	Introduction to Ordinary Differential Equations	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**14**
SEMESTER 4		
ENGR-220	Dynamics of Rigid Bodies	3
ENGR-295	Strength of Materials	3
GEOL-101	Physical Geology	4
MATH-275	Analytic Geometry and Calculus III	4

SEMESTER 1		CREDITS
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**17**
	Total Credits	**69-71**

Additional notes: Students completing this proposed pathway may not be transferring to their four-year institutions as "Juniors". Once-a-semester advising is extremely important for Engineering students.

Electrical Engineering Emphasis

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
ENGR-119	Engineering and Computer Science First Year Experience Seminar	3
MATH-170	Calculus I ◈Gateway course	4
PHYS-211	Engineering Physics I	5
GEM 7W - Wellness		1-3
	Credits	**16-18**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
ENGR-130	Engineering and Computer Science First Year Experience Symposium	1
MATH-175	Analytic Geometry and Calculus II	4
PHYS-212	Engineering Physics II	5
	Credits	**16**
SUMMER 1		
ECON-201 or ECON-202	Principles of Macroeconomics or Principles of Microeconomics	3
PHIL-103	Introduction to Ethics	3
	Credits	**6**
SEMESTER 3		
ENGR-210	Statics	3
ENGR-240	Circuits I	4
MATH-370	Introduction to Ordinary Differential Equations	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**16**
SEMESTER 4		
CHEM-111	General Chemistry I	5
ENGR-220	Dynamics of Rigid Bodies	3
ENGR-241	Circuits II	4
MATH-275	Analytic Geometry and Calculus III	4

SEMESTER 1		CREDITS
GEM 7I - Institutionally Designated		3
	Credits	**19**
	Total Credits	**73-75**

Additional notes: Students completing this proposed pathway may not be transferring to their four-year institutions as "Juniors". Once-a-semester advising is extremely important for Engineering students.

Mechanical Engineering Emphasis

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
ENGL-101	Writing and Rhetoric I	3
ENGR-119	Engineering and Computer Science First Year Experience Seminar	3
MATH-170	Calculus I	4
GEM 7W - Wellness		1-3
	Credits	**16-18**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
ENGR-130	Engineering and Computer Science First Year Experience Symposium	1
MATH-175	Analytic Geometry and Calculus II	4
PHYS-211	Engineering Physics I	5
	Credits	**16**
SUMMER 1		
ECON-201 or ECON-202	Principles of Macroeconomics or Principles of Microeconomics	3
PHIL-103	Introduction to Ethics	3
	Credits	**6**
SEMESTER 3		
ENGR-210	Statics	3
ENGR-223	Engineering Analysis	3
MATH-370	Introduction to Ordinary Differential Equations	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**15**
SEMESTER 4		
ENGR-220	Dynamics of Rigid Bodies	3
ENGR-295	Strength of Materials	3
MATH-275	Analytic Geometry and Calculus III	4
PHYS-212	Engineering Physics II	5

SEMESTER 1		CREDITS
	Credits	**15**
	Total Credits	**68-70**

Additional notes: Students completing this proposed pathway may not be transferring to their four-year institutions as "Juniors". Once-a-semester advising is extremely important for Engineering students.

Part-Time Pathway

Part-Time Pathway

Please select an area of emphasis below to see the program map for that emphasis:

Note: *Total completed credits will vary based on elective courses and course selection for transfer institution requirements.*

Chemical Engineering Emphasis

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
ENGR-119	Engineering and Computer Science First Year Experience Seminar	3
MATH-170	Calculus I	4
	Credits	**10**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
ENGR-130	Engineering and Computer Science First Year Experience Symposium	1
MATH-175	Analytic Geometry and Calculus II	4
	Credits	**8**
SUMMER 1		
COMM-101	Fundamentals of Oral Communication	3
ECON-201 or ECON-202	Principles of Macroeconomics or Principles of Microeconomics	3
	Credits	**6**
SEMESTER 3		
CHEM-111	General Chemistry I	5
MATH-370	Introduction to Ordinary Differential Equations	3
	Credits	**8**
SEMESTER 4		
CHEM-112	Principles of General College Chemistry II	5
MATH-275	Analytic Geometry and Calculus III	4
	Credits	**9**
SUMMER 2		
PHIL-103	Introduction to Ethics	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**6**
SEMESTER 5		
PHYS-211	Engineering Physics I	5
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**8**

SEMESTER 1		CREDITS
SEMESTER 6		
ENGR-210	Statics	3
PHYS-212	Engineering Physics II	5
GEM 7W - Wellness		1-3
	Credits	**9-11**
	Total Credits	**64-66**

Additional notes: Students completing this proposed pathway may not be transferring to their four-year institutions as "Juniors". Once-a-semester advising is extremely important for Engineering students.

Civil Engineering Emphasis

SEMESTER 1		CREDITS	
ENGL-101	Writing and Rhetoric I	3	
ENGR-119	Engineering and Computer Science First Year Experience Seminar	3	
MATH-170	Calculus I	4	
	Credits	**10**	
SEMESTER 2			
ENGL-102	Writing and Rhetoric II	3	
ENGR-130	Engineering and Computer Science First Year Experience Symposium	1	
MATH-175	Analytic Geometry and Calculus II	4	
	Credits	**8**	
SUMMER 1			
COMM-101	Fundamentals of Oral Communication	3	
ECON-201 or ECON-202	Principles of Macroeconomics or Principles of Microeconomics	3	
	Credits	**6**	
SEMESTER 3			
CHEM-111	General Chemistry I	5	
ENGR-105	Engineering Graphics	2	
GEM 5 - Humanistic and Artistic Ways of Knowing		3	
	Credits	**10**	
SEMESTER 4			
MATH-275	Analytic Geometry and Calculus III	4	
PHYS-211	Engineering Physics I	5	
	Credits	**9**	
SUMMER 2			
PHIL-103	Introduction to Ethics	3	
GEM 6 - Social and Behavioral Ways of Knowing		3	
	Credits	**6**	
SEMESTER 5			
ENGR-210	Statics	3	
ENGR-223	Engineering Analysis	3	
GEM 7W - Wellness		1-3	

Electrical Engineering Emphasis

SEMESTER 1		CREDITS	
	Credits	**7-9**	
SEMESTER 6			
ENGR-220	Dynamics of Rigid Bodies	3	
ENGR-295	Strength of Materials	3	
MATH-370	Introduction to Ordinary Differential Equations	3	
	Credits	**9**	
	Total Credits	**65-67**	

Additional notes: Students completing this proposed pathway may not be transferring to their four-year institutions as "Juniors". Once-a-semester advising is extremely important for Engineering students.

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
ENGR-119	Engineering and Computer Science First Year Experience Seminar	3
MATH-170	Calculus I	4
	Credits	**10**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
ENGR-130	Engineering and Computer Science First Year Experience Symposium	1
MATH-175	Analytic Geometry and Calculus II	4
	Credits	**8**
SUMMER 1		
COMM-101	Fundamentals of Oral Communication	3
ECON-201 or ECON-202	Principles of Macroeconomics or Principles of Microeconomics	3
	Credits	**6**
SEMESTER 3		
PHYS-211	Engineering Physics I	5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**9-11**
SEMESTER 4		
MATH-275	Analytic Geometry and Calculus III	4
PHYS-212	Engineering Physics II	5
	Credits	**9**
SUMMER 2		
PHIL-103	Introduction to Ethics	3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**6**
SEMESTER 5		
ENGR-210	Statics	3
ENGR-240	Circuits I	4

SEMESTER 1		CREDITS
MATH-370	Introduction to Ordinary Differential Equations	3
	Credits	**10**
SEMESTER 6		
CHEM-111	General Chemistry I	5
ENGR-241	Circuits II	4
	Credits	**9**
	Total Credits	**67-69**

Additional notes: Students completing this proposed pathway may not be transferring to their four-year institutions as "Juniors". Once-a-semester advising is extremely important for Engineering students.

Mechanical Engineering Emphasis

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
ENGR-119	Engineering and Computer Science First Year Experience Seminar	3
MATH-170	Calculus I	4
	Credits	**10**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
ENGR-130	Engineering and Computer Science First Year Experience Symposium	1
MATH-175	Analytic Geometry and Calculus II	4
	Credits	**8**
SUMMER 1		
COMM-101	Fundamentals of Oral Communication	3
ECON-201 or ECON-202	Principles of Macroeconomics or Principles of Microeconomics	3
	Credits	**6**
SEMESTER 3		
PHYS-211	Engineering Physics I	5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**9-11**
SEMESTER 4		
MATH-275	Analytic Geometry and Calculus III	4
PHYS-212	Engineering Physics II	5
	Credits	**9**
SUMMER 2		
PHIL-103	Introduction to Ethics	3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**6**
SEMESTER 5		
ENGR-210	Statics, Milestone course	3
ENGR-223	Engineering Analysis	3

SEMESTER 1		CREDITS
MATH-370	Introduction to Ordinary Differential Equations	3
	Credits	**9**
SEMESTER 6		
CHEM-111	General Chemistry I	5
ENGR-220	Dynamics of Rigid Bodies	3
ENGR-295	Strength of Materials	3
	Credits	**11**
	Total Credits	**68-70**

Additional notes: Students completing this proposed pathway may not be transferring to their four-year institutions as "Juniors". Once-a-semester advising is extremely important for Engineering students.

Environmental Science AS

Overview

Degree/Certificate

Associate of Science

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

Environmental science is an interdisciplinary field that utilizes physical, chemical, and biological sciences to study both natural and anthropogenic impacts on the environment. Communication, data management, and problem solving skills are stressed throughout the program and applied to a variety of complex environmental issues including biodiversity loss, water resources, and global climate change. Students enrolled in this program will receive a diverse background in the sciences, including biology, chemistry, and geology as wells as exposure to international environmental issues. This program provides a solid scientific foundation as well as the flexibility students need to specialize in one of the branches of environmental science. Specialization in a select area is encouraged to progress toward a suitable transfer program or career goal. Completion of the following courses results in an Associate of Science Degree with an area of emphasis in Environmental Science. This program normally fulfills the first two years of baccalaureate study in Environmental Science. Course selection should be tailored to match requirements defined by intended transfer institution.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing**		3
GEM 6 - Social and Behavioral Ways of Knowing**		3
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
ANTH-102	Cultural Anthropology	3
BIOL-115	Introduction to Life Sciences	4
CHEM-111	General Chemistry I	5
CHEM-112	Principles of General College Chemistry II	5
COMM-220	Introduction to Intercultural Communication	3
ENSI-119	Introduction to Environmental Science	4
ENSI-225	International Environmental Issues	3
GEOL-101	Physical Geology	4
MATH-160	Survey of Calculus	4
or MATH-170	Calculus I	
Program Electives		
Select two courses from the following:		6-8
AIST-250		
BACT-250	General Microbiology	
BIOL-231	General Ecology	
BTNY-203	General Botany	
GIST-271	Introduction to Geographic Information Science and Technology Using GIS (Geographic Information Systems)	
PHYS-111	General Physics I	
MATH-253	Statistical Methods	
ZOOL-202	General Zoology	

Total Credits	**60-64**

*This General Education Requirement is met by the Program Requirements.

**This General Education Requirement is partially met by the Program Requirements.

Outcomes

Upon completion of the program, students will be able to:

1. Apply foundational knowledge of environmental science including biodiversity, human population growth, water resource use, toxicology, climate impacts and sustainable development to environmental problems on a regional and global scale.
2. Describe and differentiate the major systems of the Earth (atmosphere, biosphere, hydrosphere, lithosphere).
3. Apply the concepts of deep time and biological evolution to biodiversity loss and extinction.
4. Employ scientific methods and reasoning to critically evaluate assertions and identify environmental impacts, communicate the scientific basis of various environmental issues, and identify potential solutions to those problems.
5. Recognize that humans significantly alter the environment and illustrate how humans depend on Earth for limited natural resources and ecosystem services which may affect the human experience.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		**CREDITS**
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
ENSI-119	Introduction to Environmental Science	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**14-16**
SEMESTER 2		
ANTH-102	Cultural Anthropology	3
ENGL-102	Writing and Rhetoric II	3
GEOL-101	Physical Geology	4
MATH-160 or MATH-170	Survey of Calculus or Calculus I	4
	Credits	**14**
SEMESTER 3		
BIOL-115	Introduction to Life Sciences	4
CHEM-111	General Chemistry I	5
COMM-220	Introduction to Intercultural Communication	3
ENSI-225	International Environmental Issues	3
Elective		3-4
	Credits	**18-19**
SEMESTER 4		
CHEM-112	Principles of General College Chemistry II	5
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
Elective		3-4
	Credits	**14-15**
	Total Credits	**60-64**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
ENSI-119	Introduction to Environmental Science	4
	Credits	**10**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
GEOL-101	Physical Geology	4
MATH-160 or MATH-170	Survey of Calculus or Calculus I	4
	Credits	**11**
SEMESTER 3		
CHEM-111	General Chemistry I ◈Gateway course	5
BIOL-115	Introduction to Life Sciences ◈Gateway course	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**12**
SEMESTER 4		
CHEM-112	Principles of General College Chemistry II	5
COMM-220	Introduction to Intercultural Communication	3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**11**
SEMESTER 5		
ANTH-102	Cultural Anthropology	3
ENSI-225	International Environmental Issues	3
Elective		3-4
	Credits	**9-10**
SEMESTER 6		
GEM 7I - Institutionally Designated		3
GEM 7W - Wellness		1-3
Elective		3-4
	Credits	**7-10**
	Total Credits	**60-64**

Entrepreneurship AC

Overview

Degree/Certificate
Academic Certificate

Interest Areas
Business

Description
The Entrepreneurship program prepares students to obtain employment by launching a business venture or by working in a variety of industries. Students are able to enroll in as many classes as their schedule can support, allowing for the 15-credit certificate to be completed in one semester or over the course of several semesters. Note: For students who wish to complete this program option as part of a career technical AAS degree financial aid-eligible program, refer to the Business Management AAS degree program.

Requirements

SUBJECT/ NUMBER	TITLE	CREDITS
BUSA-221	Principles of Marketing	3
ENTP-105	Entrepreneurship Skills	3
ENTP-125	Small Business Financial Management	3
ENTP-135	Business Development and Planning	3
Select one of the following:		3
BMGT-256	Problem Solving Through Team Dynamics	
BOAA-113	Payroll Accounting	
BUSA-211	Principles of Management	
BUSA-234	Ethical Conduct in Business	
BUSA-265	Legal Environment of Business	
ENGL-272	Business Writing	
HRA-210	Recruiting, Selection, and Retention	
Total Credits		**15**

Outcomes
Upon completion of the program, students will be able to:

1. Identify key business skills and knowledge needed to be successful when opening/operating a small business.
2. Identify and analyze innovative business opportunities, assessing feasibility/viability of concepts.

3. Develop and refine business idea(s) from concept through a complete business plan.
4. Develop the ability to pitch a new venture concept to potential customers and investors.
5. Launch a business venture of one's own, and/or apply concepts gained through the program to foster innovation and growth within an existing company.

Fire Service Technology AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Human Sciences

Description
The Fire Service Technology curriculum is designed to develop and upgrade the firefighting skills and knowledge of volunteer and paid firefighters, and covers all phases of firefighting. The intent is to provide firefighters with the skills needed to save lives and protect property in a safe and efficient manner. Participants must be members of a paid or volunteer fire department. Technical skills courses are developed through the Idaho Division of Career and Technical Education, Emergency Services Training program, and are offered through fire departments under the coordination of NIC's Workforce Training Center. Fire service curricula is developed to the National Fire Protection Association (NFPA) Standards. Upon completion of the technical classes, students may choose to complete the NIC general education core classes and apply for an A.A.S. degree in Fire Service Technology. Upon completing the A.A.S. degree, students may transfer to Lewis-Clark State College to complete a Bachelor of Applied Science in Fire Service Technology.

Requirements

General Education Requirements		
ENGL-101	Writing and Rhetoric I	3
COMM-101	Fundamentals of Oral Communication	3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
A.A.S. Institutionally Designated		3
Additional Courses		
FST-100	Fire Service Technology	33
FST-101	Fire Fighter 1	12
Note: FST-100 is used to transcript Fire Service related training courses such as the courses listed below. Each course submitted will be evaluated as follows: For every 15 hours of theory/lecture training 1 credit will be awarded and for every 30 hours of skills-based/lab training 1 credit will be awarded.		
Fire Fighter II		
Technical Rescue		
Hazmat		
Rescue		
Extrication		
Fire Investigation		
Paramedic		
Wildland		
Emergency Medical Technician		
Building Construction		
Incident Command System		
Driver Operator		
Fire Officer I		
Instructor I		
Total Credits		**60-62**

Outcomes

Upon completion of the program, students will be able to:

1. Be prepared to take the written and practical skills International Fire Service Accreditation Congress (IFSAC) Certifications examinations.
2. Demonstrate current tactical practices and national standards in the field of firefighting.
3. Demonstrate how they fit into the para-military organization of a fire department, how to successfully fit into the diverse culture of fire service, and understand their value to the organization.
4. Demonstrate how to follow the chain of command as a new firefighter and grow into leadership positions.
5. Demonstrate how to approach the diversity of the work that a firefighter faces: applying problem solving skills to identify numerous ways to complete tasks with resources available, reflecting on outcomes and suggesting improvement plans, and taking on challenging tasks to create effective systems and programs.
6. Demonstrate ethical reasoning skills and moral behavior associated with firefighting.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Fire Fighter 1 BTC

Overview

Degree/Certificate
Basic Technical Certificate

Interest Areas
Human Sciences

Description
This program is designed to prepare students for the written and practical skills examinations for Idaho Fire Fighter 1 certification accredited by the International Fire Service Accreditation Congress (IFSAC). Instruction includes basic firefighting skills, hazardous materials and infection control for emergency responders. The academy offers students the opportunity to learn from and network with instructors from Coeur d'Alene Fire Department, Kootenai County Fire and Rescue, and Northern Lakes Fire District.

Requirements

Program Requirements

SUBJECT/NUMBER	TITLE	CREDITS
FST-101	Fire Fighter 1	12
Total Credits		**12**

Outcomes

Upon completion of the program, students will be able to:

1. Be prepared to pass both the written and practical skills International Fire Service Accreditation Congress (IFSAC) Fire Fighter 1 Certification examination.
2. Demonstrate knowledge of current tactical practices and national standards in the field of firefighting.
3. Demonstrate knowledge as to how one fits into the para-military organization of a fire department.
4. Demonstrate how to follow as a new fire fighter and grow into leadership positions.
5. Demonstrate how to successfully fit into the diverse culture of the fire service.
6. Use problem solving skills to identify numerous ways to complete tasks with resources available.
7. Demonstrate the ability to contribute effectively to systems and team outcomes.
8. Demonstrate ethical reasoning skills and moral behavior associated with firefighting.

General Studies AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Exploratory

Description
This program provides students with a highly adaptable framework for completion of a transfer degree to serve their diverse educational and career interests, including the general core requirements at all Idaho public universities. Course selection made with the support of advisors can be tailored to prepare students for successful transfer to a wide variety of bachelor degree programs and institutions, as well as prepare for further study or various career pursuits. This program is also well-suited for students interested in a degree that explores multiple fields of learning.

Requirements

General Education Requirements	
GEM 1 - Written Communication	6
GEM 2 - Oral Communication	3
GEM 3 - Mathematical Ways of Knowing	3-5
GEM 4 - Scientific Ways of Knowing	7-8
GEM 5 - Humanistic and Artistic Ways of Knowing	6
GEM 6 - Social and Behavioral Ways of Knowing	6
GEM 7W - Wellness	1-3
Select one of the following:	3
GEM 7F - First Year Experience	
GEM 7I - Institutionally Designated	
Electives	
Courses 100-level or higher	22-24
Total Credits	**60-64**

Outcomes

Upon completion of the program, students will be able to:

1. Express themselves effectively, in both written and oral forms, to varied audiences to serve diverse purposes.
2. Use appropriate mathematical principles and practices to interpret mathematical concepts, execute and explain appropriate strategies, and draw conclusions.
3. Apply scientific reasoning to various discipline-related questions and use laboratory practices appropriately for study, analysis, and replication of key principles.

4. Use social science reasoning to inquire, collect relevant information, and develop insights on individual, social, community, regional, national, and/or global issues.
5. Describe and interpret how a variety of humanistic and artistic forms, reflect, shape, and influence the human condition.
6. Demonstrate self-awareness, apply integrative learning, and develop commitment toward educational and life goals.
7. Design program coursework to achieve their intended future educational or career goal.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		**CREDITS**
ENGL-101	Writing and Rhetoric I	3
MATH-123	Math in Modern Society (or higher based on placement)	3
Any combo of student transition/success/co-requisite based on placement		3
Any two selected courses related to program of interest		6-8
	Credits	**15-17**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
COMM-101	Fundamentals of Oral Communication	3
Course related to program of interest		3
Any one GEM 4, 5, or 6 course (Select courses related to program of interest)		3-4
Course 100 level or higher related or required for program of interest		3
	Credits	**15-16**
SEMESTER 3		
Any two GEM 4, 5, or 6 courses (Select courses related to program of interest)		6-7
GEM 7, Wellness, 1-3 or other course if GEM 7 elsewhere		1-3
Any two courses 100 level or higher related or required for program of interest		6
	Credits	**15-16**
SEMESTER 4		
GEM 7I - Institutionally Designated		3
Selected course related to program of interest, as needed to complete GEM		3
Any three courses 100 level or higher related or required for program of interest		9
	Credits	**15**
	Total Credits	**60-64**

Additional Note: This path has considerable flexibility for credits per semester to manage the best sequence ensuring completion of the degree program by semester 4.

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
Any combo of student transition/success/co-requisite based on placement		3
Course 100 level or higher related or required for program of interest		3
100 level course or higher in area of interest or math pre-requisite if needed		3-4
	Credits	**12**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
COMM-101	Fundamentals of Oral Communication	3
MATH-123	Math in Modern Society (or higher based on placement)	3
GEM 7W - Wellness		1-3
	Credits	**12**
SEMESTER 3		
Any two GEM 4, 5, or 6 courses (Select courses related to program of interest)		6-7
Elective course 100 level or higher, related or required for program of interest		3
	Credits	**9-10**
SEMESTER 4		
Any one GEM 4, 5, or 6 course (Select courses related to program of interest)		3-4
Any two Elective courses 100 level or higher, related or required for program of interest		6
	Credits	**9-10**
SEMESTER 6		
Any one GEM 4, 5, or 6 course (Select courses related to program of interest)		3-4
GEM 7I - Institutionally Designated		3
Course 100 level or higher, selected based on general interest		3
	Credits	**9-10**
	Total Credits	**51-54**

Additional Note: This map has considerable flexibility for credits per semester to manage the best sequence ensuring completion for the degree program by semester 6.

General Studies - Core Complete

Overview

Degree/Certificate
GS

Interest Areas
Exploratory

Description
General Education is central to all transfer degrees offered at NIC, as it encompasses the 36-credit GEM 1-7 competencies that were collaboratively developed and adopted by all public higher education institutions in Idaho. The established General Education Matriculation or GEM requirements are found in State Board of Education policy III. N. The General Education courses represent an intentionally designed foundation of knowledge, skills, and abilities to serve the diverse needs of students interested in a variety of fields of study and careers. Completion is a valuable indication of student achievement. Student records and transcripts are noted at completion and no application is required.

Requirements

General Education Requirements	
GEM 1 - Written Communication	6
GEM 2 - Oral Communication	3
GEM 3 - Mathematical Ways of Knowing	3-5
GEM 4 - Scientific Ways of Knowing	7-8
GEM 5 - Humanistic and Artistic Ways of Knowing	6
GEM 6 - Social and Behavioral Ways of Knowing	6
GEM 7W - Wellness	1-3
Select one of the following:	3
GEM 7F - First Year Experience	
GEM 7I - Institutionally Designated	
***Total Credits**	**36-40**

*The minimum required credits are 36. If students earn seven credits in GEM 4, an additional GEM credit will be required.

Outcomes

Upon completion of the program, students will be able to:

1. Express themselves effectively, in both written and oral forms, to varied audiences to serve diverse purposes.
2. Use appropriate mathematical principles and practices to interpret mathematical concepts, execute and explain appropriate strategies, and draw conclusions.
3. Apply scientific reasoning to various discipline-related questions and use laboratory practices appropriately for study, analysis, and replication of key principles.
4. Use social science reasoning to inquire, collect relevant information, and develop insights on individual, social, community, regional, national, and/or global issues.
5. Describe and interpret how a variety of humanistic and artistic forms, reflect, shape, and influence the human condition.
6. Demonstrate self-awareness, apply integrative learning, and develop commitment toward educational and life goals.

Geology AS

Overview

Degree/Certificate

Associate of Science

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

This program is for students interested in pursuing a baccalaureate degree in Geology. Geology is the science that deals with the history of the earth and its life, especially as recorded in rocks. Small classes, excellent laboratories, and close proximity to classical geological field environs are especially well suited to providing the lower-division requirements for geology majors. A strong background in science and mathematics is important preparation for a college geology program. Completion of the following courses results in an associate's degree with an area of emphasis in Geology. The required coursework normally fulfills the first half of baccalaureate degree requirements in Geology. Course selection should be tailored to match requirements defined by intended transfer institutions.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing *		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
CHEM-111	General Chemistry I	5
GEOL-101	Physical Geology	4
GEOL-255	Systematic Mineralogy	4
MATH-170	Calculus I	4
PHYS-111	General Physics I	4-5
or PHYS-211	Engineering Physics I	
Program Electives**		**14**
BIOL-114	Organisms and Environments	
BIOL-115	Introduction to Life Sciences	
BTNY-203	General Botany	
CHEM-112	Principles of General College Chemistry II	
CHEM-275	Carbon Compounds	
CHEM-277	Organic Chemistry I	
CHEM-278	Organic Chemistry I Lab	
EDUC-201	Introduction to Teaching	
ENGL-202	Technical Writing	
GEOG-100	Physical Geography	
GEOL-102	Historical Geology	
GEOL-125	Regional Geology of the Pacific Northwest	
GIST-271	Introduction to Geographic Information Science and Technology Using GIS (Geographic Information Systems)	
MATH-175	Analytic Geometry and Calculus II	
MATH-253	Statistical Methods	
MATH-275	Analytic Geometry and Calculus III	
MATH-335	Linear Algebra	
MATH-370	Introduction to Ordinary Differential Equations	
Total Credits		**60-63**

***This General Education Requirement is met by the Program Requirements.

****Consult with your geology faculty advisor and/or consult the college catalog of your intended transfer institution to determine transferability and required courses.

Outcomes

Upon completion of the program, students will be able to:

1. Apply foundational knowledge of geologic/geographic science including plate tectonics, geologic time, and the rock cycle to analyze or predict phenomena.
2. Employ scientific methods and reasoning to critically evaluate assertions and identify Earth materials.
3. Interpret and communicate geological or geographical information via written, spoken and/or visual representations such as geologic, meteorological, and topographic maps.
4. Illustrate the interdependence between the human experience and deep time, geologic hazards, and lithospheric processes.
5. Collect, analyze and interpret geologic/geographic data to form and test a hypothesis in the laboratory, classroom, or field using discipline-specific tools and techniques.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Part-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
GEOL-101	Physical Geology	4
MATH-170	Calculus I	4
Program Elective		3-5
	Credits	**14-16**
SEMESTER 2		
CHEM-111	General Chemistry I	5
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
Program Elective		3-5
	Credits	**14-16**
SUMMER 1		
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**6**
SEMESTER 3		
PHYS-111 or PHYS-211	General Physics I or Engineering Physics I	4-5
Program Elective		3-5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**14-19**
SEMESTER 4		
GEOL-255	Systematic Mineralogy	4
Program Elective		3-5
Program Elective		3-5
GEM 7I - Institutionally Designated		3
	Credits	**13-17**
	Total Credits	**61-74**

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
GEOL-101	Physical Geology	4
Program Elective		3-5
	Credits	**10-12**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
MATH-170	Calculus I	4
GEM 7W - Wellness		1-3
	Credits	**8-10**
SUMMER 1		
COMM-101	Fundamentals of Oral Communication	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**6**
SEMESTER 3		
CHEM-111	General Chemistry 1	5
Program Elective		3-5
	Credits	**8-10**
SEMESTER 4		
GEOL-255	Systematic Mineralogy	4
Program Elective		3-5
	Credits	**7-9**
SUMMER 2		
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**6**
SEMESTER 5		
PHYS-111 or PHYS-211	General Physics I or Engineering Physics I	4-5
Program Elective		3-5
	Credits	**7-10**
SEMESTER 6		
Program Elective		3-5

SEMESTER 1		CREDITS
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**9-11**
	Total Credits	**61-74**

Graphic and Web Design AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Arts and Communication

Description
The Graphic and Web Design program is designed to prepare students for entry-level positions in the graphic and web design markets. The program emphasizes the basic skills, knowledge, and abilities typically encountered in the graphic design professions as well as the knowledge of how to design, prototype, and create compelling business, informational, educational and self-promotional websites. Instruction includes theories and methodologies used to implement creative, technical, and esthetic solutions into print advertising, packaging, web design, user interactivity, usability/accessibility, digital video, and new media applications. This is a limited enrollment program. Successful completion of each semester or permission of the instructor is required to continue to the next semester. Successful completion of the technical certificate or permission of the instructor is required for enrollment in third and fourth semester courses.

Requirements

SEMESTER 1		CREDITS
GDES-102	Survey of Graphic Design	3
GDES-131	Adobe Illustrator - Vector Graphics	3
GDES-135	AI for Designers	1
GDES-141	Web Design I	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**16-18**
SEMESTER 2		
GDES-120	Typography	2
GDES-132	Adobe Photoshop - Raster Graphics	3
GDES-221	Graphic Design I	3
GDES-247	Social Media Design Strategies	2
GDES-255	Web Design II	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**16**
SEMESTER 3		
GDES-222	Graphic Design II	3
GDES-227	Digital Video and Computer Animation	3
GDES-235	Adobe InDesign Layout, Composition, and Pre-Press	3
GDES-245	User Experience Design and Usability	3
GDES-252	Web Design III	3
GDES-271	Design Projects	3
	Credits	**18**
SEMESTER 4		
GDES-223	Graphic Design III	3
GDES-261	Applied Web Development	3
GDES-283	Portfolio Development	3
GDES-290	Graphic Design Internship	3
COMM-233	Interpersonal Communication	3
A.A.S. Institutionally Designated		3

SEMESTER 1		CREDITS
	Credits	**18**
	Total Credits	**68-70**

Outcomes

Upon completion of the program, students will be able to:

1. Apply professional design principles and practices to digital images, graphics, animations, videos, and webpages.
2. Plan, design, develop, and edit digital images, graphics, animations, and videos.
3. Plan, design, develop, and edit digital time-based media.
4. Plan, design, develop, and edit interactive webpages.
5. Work effectively as part of a design team.
6. Complete a design portfolio representing necessary industry skills.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Graphic and Web Design ATC

Overview

Degree/Certificate

Advanced Technical Certificate

Interest Areas

Arts and Communication

Description

The Graphic and Web Design program is designed to prepare students for entry-level positions in the graphic and web design markets. The program emphasizes the basic skills, knowledge, and abilities typically encountered in the graphic design professions as well as the knowledge of how to design, prototype, and create compelling business, informational, educational and self-promotional websites. Instruction includes theories and methodologies used to implement creative, technical, and esthetic solutions into print advertising, packaging, web design, user interactivity, usability/accessibility, digital video, and new media applications. This is a limited enrollment program. Successful completion of each semester or permission of the instructor is required to continue to the next semester. Successful completion of the technical certificate or permission of the instructor is required for enrollment in third and fourth semester courses.

Requirements

SEMESTER 1		CREDITS
GDES-102	Survey of Graphic Design	3
GDES-131	Adobe Illustrator - Vector Graphics	3
GDES-135	AI for Designers	1
GDES-141	Web Design I	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
Select one of the following:		3-5
BLDR-120	Financial Business Applications	
MCTE-101	Technical Mathematics	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**16-18**
SEMESTER 2		
GDES-120	Typography	2
GDES-132	Adobe Photoshop - Raster Graphics	3
GDES-221	Graphic Design I	3
GDES-247	Social Media Design Strategies	2
GDES-255	Web Design II	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**16**
SEMESTER 3		
GDES-222	Graphic Design II	3
GDES-227	Digital Video and Computer Animation	3
GDES-235	Adobe InDesign Layout, Composition, and Pre-Press	3
GDES-245	User Experience Design and Usability	3
GDES-252	Web Design III	3
GDES-271	Design Projects	3
	Credits	**18**
SEMESTER 4		
GDES-223	Graphic Design III	3
GDES-261	Applied Web Development	3
GDES-283	Portfolio Development	3

SEMESTER 1		CREDITS
GDES-290	Graphic Design Internship	3
	Credits	**12**
	Total Credits	**62-64**

Outcomes

Upon completion of the program, students will be able to:

1. Apply professional design principles and practices to digital images, graphics, animations, videos, and webpages.
2. Plan, design, develop, and edit digital images, graphics, animations, and videos.
3. Plan, design, develop, and edit digital time-based media.
4. Plan, design, develop, and edit interactive webpages.
5. Work effectively as part of a design team.
6. Complete a design portfolio representing necessary industry skills.

Graphic and Web Design ITC

Overview

Degree/Certificate

Interm Technical Certificate

Interest Areas

Arts and Communication

Description

The Graphic and Web Design program is designed to prepare students for entry-level positions in the graphic and web design markets. The program emphasizes the basic skills, knowledge, and abilities typically encountered in the graphic design professions as well as the knowledge of how to design, prototype, and create compelling business, informational, educational and self-promotional websites. Instruction includes theories and methodologies used to implement creative, technical, and esthetic solutions into print advertising, packaging, web design, user interactivity, usability/ accessibility, digital video, and new media applications. This is a limited enrollment program. Successful completion of each semester or permission of the instructor is required to continue to the next semester. Successful completion of the technical certificate or permission of the instructor is required for enrollment in third and fourth semester courses.

Requirements

SEMESTER 1		CREDITS
GDES-102	Survey of Graphic Design	3
GDES-131	Adobe Illustrator - Vector Graphics	3
GDES-135	AI for Designers	1
GDES-141	Web Design I	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
Select one of the following:		3-5
BLDR-120	Financial Business Applications	
MCTE-101	Technical Mathematics	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**16-18**
SEMESTER 2		
GDES-120	Typography	2
GDES-132	Adobe Photoshop - Raster Graphics	3
GDES-221	Graphic Design I	3
GDES-247	Social Media Design Strategies	2
GDES-255	Web Design II	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**16**
	Total Credits	**32-34**

Outcomes

Upon complete of the program, students will be able to:

1. Apply professional design principles and practices to digital images, graphics, animations, videos, and webpages.
2. Plan, design, develop, and edit interactive webpages.
3. Work effectively as part of a design team.

Healthcare Document Management BTC

Overview

Degree/Certificate

Basic Technical Certificate

Interest Areas

Business

Description

This certificate program is designed for individuals who desire to update or attain new medical office skills by completing a combination of healthcare operations, revenue cycle, document management, spreadsheets, and law and ethics courses. The curriculum provides students with the updated knowledge and skills necessary to work in various healthcare settings.

Requirements

SEMESTER 1		CREDITS
CAOT-130	Spreadsheets/Excel I	1
CAOT-131	Spreadsheets/Excel II	1
CAOT-140	Database/Access I	1
CAOT-179	Medical Terminology	2
	Credits	**5**
SEMESTER 2		
CAOT-168	Integrated Medical Office Software	3
CAOT-184	Records Systems Management	3
HCIT-180	Medical Law and Ethics	3
	Credits	**9**
	Total Credits	**14**

Outcomes

Upon completion of the program, students will be able to:

1. Apply legal and ethical concepts to real-life dilemmas faced in medical careers.
2. Apply an integrated practice management/electronic health records medical office software program to perform a variety of tasks including appointment scheduling, patient account creation, posting transactions, and electronically billing third-party payers.
3. Apply knowledge of database and spreadsheet software real-life scenarios.
4. Protect patients' health information for confidentiality, authorized access for treatment, and data security.

5. Communicate effectively (in verbal and written forms) including the use of medical terms for anatomy, disease, and diagnostic and therapeutic procedures.

History AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Human Sciences

Description
The history major is designed for students desiring a broad liberal arts background either as preparation for a profession or for personal enrichment. Careers in history include teaching (primary, secondary, or college level), museum work, historical research and writing, and preserving and interpreting history for the general public through a variety of local, state, and federal agencies. The history major is also highly recommended preparation for law, politics, the ministry, and public service. Because it develops breadth of knowledge as well as critical thinking and problem-solving skills, a history degree is widely considered an excellent foundation for many managerial and executive careers. For this reason, it is a fine choice for the general studies student. Completion of the following courses normally fulfills the first half of bachelor degree requirements in history. Course selections should be tailored to match requirements of the intended transfer institutions.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing*		3
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
HIST-101	World History I	3
HIST-102	World History II	3
HIST-111	United States History I	3
HIST-112	United States History II	3
HIST-290	The Historian's Craft	3
Elective Requirements		
Courses 100-level or higher		10-12
Total Credits		**60-64**

*****This General Education Requirement is partially met by the Program Requirements.

Recommended Courses

POLS-101	American National Government	3
Select 4-18 credits from the following subjects:		4-18
FREN French Language		
GERM German Language		
ITAL Italian Language		
JAPN Japanese Language		
SPAN Spanish Language		

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate broad historical knowledge and understanding of the diversity of human experience that spans geography, time, cultures, and ideologies.
2. Demonstrate an awareness and understanding of the role both large-scale and local forces of change play over time in World/United States civilizations.
3. Demonstrate the basic skills of historical understanding and be able to apply historical methods, including the use and analysis of various types of primary and secondary sources.
4. Pursue their educational and professional goals through transfer or transition to a different field.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Part-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
COMM-101	Fundamentals of Oral Communication	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 6 - Social and Behavioral Ways of Knowing		3
Elective		3
	Credits	**15-17**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
HIST-101	World History I	3
HIST-111	United States History I	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**16**
SEMESTER 3		
HIST-102	World History II	3
HIST-112	United States History II	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 7W - Wellness		1-3
Elective		3
	Credits	**14-16**
SEMESTER 4		
HIST-290	The Historian's Craft	3
Electives		6
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**15**
	Total Credits	**60-64**

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
COMM-101	Fundamentals of Oral Communication	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
HIST-101 or HIST-111	World History I or United States History I	3
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**10**
SEMESTER 3		
HIST-101 or HIST-111	World History I or United States History I	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**9**
SEMESTER 4		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
Elective		3
	Credits	**11-13**
SEMESTER 5		
HIST-102 or HIST-112	World History II or United States History II	3
Electives		6
Elective		3
	Credits	**12**
SEMESTER 6		
HIST-290	The Historian's Craft	3
HIST-102 or HIST-112	World History II or United States History II	3
GEM 7I - Institutionally Designated		3

SEMESTER 1		CREDITS
	Credits	**9**
	Total Credits	**60-64**

Heating Ventilation Air Conditioning Apprenticeship AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Trades and Industry

Description
This program is offered in partnership with NIC's Workforce Development and Career and Technical Education division. It is specifically designed for students who have completed a state or federally approved HVAC Apprenticeship program consisting of 8,000 hours of on-the-job training and 576 hours of classroom instruction. Upon completion of the full apprenticeship program, transcription of credits must be initiated by contacting NIC's Workforce Training Center. Completion of general education requirements may occur prior to, at the same times, or after completion of the apprenticeship courses.

Requirements

General Education Requirements		
GEM 1 - A.A.S. Written Communication		3-4
GEM 2 - A.A.S. Oral Communication		3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
A.A.S. Institutionally Designated		3-5
Program Requirements		
HLAP-101	HVAC Apprenticeship 1st year	12
HLAP-102	HVAC Apprenticeship 2nd year	12
HLAP-103	HVAC Apprenticeship 3rd year	12
HLAP-104	HVAC Apprenticeship 4th year	12
Total Credits		**63-68**

Outcomes
Upon completion of the program, students will be able to:

1. Identify and perform tasks in accordance with local and national regulations.
2. Effectively communicate with management in their chosen field to advance their career and demonstrate technical communication.
3. Translate comprehensive principles, skills, and applications of their chosen trade to work safely and efficiently in the industry.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Hospitality Management AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Business

Description
The Hospitality Management program prepares students for entry-level management in the hospitality industry. Students receive instruction in the areas of management, human resources, accounting, food and beverage operations, and lodging operations. Internships provide students with the opportunity to apply classroom training to their personalized specific experiences. The program is designed with two pathways to accommodate two different types of students. Introduction to Industry pathway is for students who have minimal to no experience in the hospitality industry. These students would typically prefer and benefit from a more hands on approach. Students get real-world experience in the kitche, dining room, and deli operating Emery's Restaurant located on the second floor of the Hedlund Building. Industry Trained pathway is best for students that have extensive experience and are currently working in industry. The courses are offered online to provide more flexibility with the expectation that students are receiving training in the field.

Requirements

SEMESTER 1		CREDITS
HOSP-100 or HOSP-207	Introduction to Hospitality and Tourism or Exploring Hospitality and Cultural Connections	3
HOSP/ CULA-111	Food Safety and Sanitation	3
GEM 1 - A.A.S. Written Communication		3-4
Select one of the following Pathways:		9
Introduction to Industry:		
HOSP-121	Professional Kitchen I	
HOSP-121L	Professional Kitchen Lab I	
HOSP-180	Introduction to Customer Service	
HOSP-180L	Introduction to Customer Service Lab	
Industry Trained:		
BLDR-105	Customer Service	
CAOT-120	Word Processing/Word I	
CAOT-130	Spreadsheets/Excel I	
HOSP-235	Food Appreciation	
	Credits	**18-19**
SEMESTER 2		
HOSP-117	Careers in Hospitality	3
HOSP-135	Lodging Operations Management	3
HOSP-225	Event Planning and Management	3
HOSP-291	Hospitality Field Experience I	1
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**13-15**
SEMESTER 3		
BLDR-122	Leadership	3
BUSA-265	Legal Environment of Business	3
COMM-101	Fundamentals of Oral Communication	3
HOSP-292	Hospitality Field Experience II	1
BUSA-221 or HOSP-217	Principles of Marketing or DECA Marketing	3
A.A.S. Institutionally Designated		3-5

SEMESTER 1		CREDITS
	Credits	**16-18**
SEMESTER 4		
ENTP-125	Small Business Financial Management	3
CULA-268	Introduction to Wine, Beer and Spirits	2
HOSP-267	Responsible Alcohol Service	1
HOSP-293	Hospitality Field Experience III	1
BOAA-110 or ACCT-201	Small Business Accounting or Principles of Accounting	3
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**13**
	Total Credits	**60-65**

Outcomes

Upon completion of the program, students will be able to:

1. Identify the skills necessary to work in various entry-level positions, industry specific terminology, guest services standards, conflict resolution methods and the distinctive characteristics of the hospitality industry.
2. Demonstrate the ability to use current technology and various computer applications relevant to hospitality industry.
3. Discuss and compare tools common to the food service industry, cooking principles, various beverage and the methods of serving them.
4. Plan and organize an event or meeting.
5. Describe how functional areas within hotels are classified and how the departments interact and rely on each other.
6. Demonstrate effective communication skills by meeting deadlines and following instructions individually and cooperatively within team structures on various projects and assignments.
7. Recognize the risks and responsibilities associated with serving alcohol and food safety.
8. Discuss and implement basic management skills, problem solving techniques, hospitality rules regulations and procedures governing establishments and their impact on operations requirements, risks and revenue.
9. Explain the importance of financial reporting, accounting, ethics, marketing and sales principles as they relate to hospitality.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Hospitality Management ATC

Overview

Degree/Certificate
Advanced Technical Certificate

Interest Areas
Business

Description

The Hospitality Management program prepares students for entry-level management in the hospitality industry. Students receive instruction in the areas of management, human resources, accounting, food and beverage operations, and lodging operations. Internships provide students with the opportunity to apply classroom training to their personalized specific experiences.

The program is designed with two pathways to accommodate two different types of students.

Introduction to Industry pathway is for students who have minimal to no experience in the hospitality industry. These students would typically prefer and benefit from a more hands on approach. Students get real-world experience in the kitche, dining room, and deli operating Emery's Restaurant located on the second floor of the Hedlund Building.

Industry Trained pathway is best for students that have extensive experience and are currently working in industry. The courses are offered online to provide more flexibility with the expectation that students are receiving training in the field.

Requirements

SEMESTER 1		CREDITS
HOSP-100 or HOSP-207	Introduction to Hospitality and Tourism or Exploring Hospitality and Cultural Connections	3
HOSP/ CULA-111	Food Safety and Sanitation	3
GEM 1 - A.A.S. Written Communication		3-4
Select one of the following Pathways:		9
Introduction to Industry:		
HOSP-121	Professional Kitchen I	
HOSP-121L	Professional Kitchen Lab I	
HOSP-180	Introduction to Customer Service	
HOSP-180L	Introduction to Customer Service Lab	
Industry Trained:		
BLDR-105	Customer Service	
CAOT-120	Word Processing/Word I	
CAOT-130	Spreadsheets/Excel I	
HOSP-235	Food Appreciation	
	Credits	**18-19**
SEMESTER 2		
HOSP-117	Careers in Hospitality	3
HOSP-135	Lodging Operations Management	3
HOSP-225	Event Planning and Management	3
HOSP-291	Hospitality Field Experience I	1
Select one of the following:		3-5
BLDR-120	Financial Business Applications	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**13-15**
SEMESTER 3		
BLDR-122	Leadership	3
BUSA-265	Legal Environment of Business	3
COMM-101	Fundamentals of Oral Communication	3
HOSP-292	Hospitality Field Experience II	1

SEMESTER 1		CREDITS
BUSA-221 or HOSP-217	Principles of Marketing or DECA Marketing	3
	Credits	**13**
SEMESTER 4		
BOAA-110 or ACCT-201	Small Business Accounting or Principles of Accounting	3
CULA-268	Introduction to Wine, Beer and Spirits	2
ENTP-125	Small Business Financial Management	3
HOSP-267	Responsible Alcohol Service	1
HOSP-293	Hospitality Field Experience III	1
	Credits	**10**
	Total Credits	**54-57**

Outcomes

Upon completion of the program, students will be able to:

1. Identify the skills necessary to work in various entry-level positions, industry specific terminology, guest services standards, conflict resolution methods and the distinctive characteristics of the hospitality industry.
2. Demonstrate the ability to use current technology and various computer applications relevant to hospitality industry.
3. Discuss and compare tools common to the food service industry, cooking principles, various beverage and the methods of serving them.
4. Plan and organize an event or meeting.
5. Describe how functional areas within hotels are classified and how the departments interact and rely on each other.
6. Demonstrate effective communication skills by meeting deadlines and following instructions individually and cooperatively within team structures on various projects and assignments.
7. Recognize the risks and responsibilities associated with serving alcohol and food safety.
8. Discuss and implement basic management skills, problem solving techniques, hospitality rules regulations and procedures governing establishments and their impact on operations requirements, risks and revenue.
9. Explain the importance of financial reporting, accounting, ethics, marketing and sales principles as they relate to hospitality.

Hospitality Management ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Business

Description
The Hospitality Management program provides an overview of the various departmental functions within the hospitality and tourism industry. Students will learn skills in general management, customer service, front office and rooms operations, event planning, safety and sanitation, food appreciation, and bar and beverage management and controls. Business ethics and effective communication skills are also emphasized. This one-year certificate program offers the basic skills needed to start a career as a Hospitality Manager. Most graduates will enter the field as trainees or supervisors. The program is designed with two pathways to accommodate two different types of students. Introduction to Industry pathway is for students who have minimal to no experience in the hospitality industry. These students would typically prefer and benefit from a more hands on approach. Students get real-world experience in the kitche, dining room, and deli operating Emery's Restaurant located on the second floor of the Hedlund Building. Industry Trained pathway is best for students that have extensive experience and are currently working in industry. The courses are offered online to provide more flexibility with the expectation that students are receiving training in the field.

Requirements

SEMESTER 1		CREDITS
HOSP-100 or HOSP-207	Introduction to Hospitality and Tourism or Exploring Hospitality and Cultural Connections	3
HOSP/ CULA-111	Food Safety and Sanitation	3
GEM 1 - A.A.S. Written Communication		3-4
Select one of the following:		9
Introduction to Industry:		
HOSP-121	Professional Kitchen I	
HOSP-121L	Professional Kitchen Lab I	
HOSP-180	Introduction to Customer Service	
HOSP-180L	Introduction to Customer Service Lab	
Industry Trained:		
BLDR-105	Customer Service	
CAOT-120	Word Processing/Word I	
CAOT-130	Spreadsheets/Excel I	
HOSP-235	Food Appreciation	
	Credits	**18-19**
SEMESTER 2		
HOSP-117	Careers in Hospitality	3
HOSP-135	Lodging Operations Management	3
HOSP-225	Event Planning and Management	3
Select one of the following:		3-5
BLDR-120	Financial Business Applications	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**12-14**
	Total Credits	**30-33**

Outcomes
Upon completion of the program, students will be able to:

1. Identify the skills necessary to work in various entry-level positions, industry specific terminology, guest services standards, conflict resolution methods and the distinctive characteristics of the hospitality industry.

2. Demonstrate the ability to use current technology and various computer applications relevant to hospitality industry.
3. Discuss and compare tools common to the food service industry, cooking principles, various beverage and the methods of serving them.
4. Plan and organize an event or meeting.
5. Describe how functional areas within hotels are classified and how the departments interact and rely on each other.
6. Demonstrate effective communication skills by meeting deadlines and following instructions individually and cooperatively within team structures on various projects and assignments.
7. Recognize the risks and responsibilities associated with serving alcohol and food safety.

Humanities AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Arts and Communication

Description
The Humanities program at NIC is grounded in an interdisciplinary approach to the liberal arts, including the fine arts of music, visual art, and theater; English literature and composition; history; philosophy; communication; and interdisciplinary studies. Courses in the humanities are excellent preparation for careers in the arts, business, law, and education. A degree in the humanities develops critical thinking skills that prepare students to succeed in an interconnected world. Courses require students to synthesize ideas from a range of disciplines and to think creatively when approaching complex problems. Students study and interact with a range of texts from diverse perspectives while working cooperatively, thinking, reading, speaking, writing, and engaging actively in experiential learning. Completion of the required courses results in an associate of arts degree and meets the general core requirements at all Idaho public universities. The suggested coursework normally fulfills the first half of baccalaureate degree requirements. Course selection should be tailored to match requirements defined by intended transfer institutions.

Requirements

General Education		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing*		0
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
HUMS-101	Montage: Introduction to the Humanities	3
INTR-200	Interdisciplinary Seminar	3
Select one course from the following:		3
CINA-126	Film and Culture	
ENGL-205	Interdisciplinary Writing	
HUMS-205	Visual Texts and Culture	
HUMS-295	Themes in Humanities	
Select 12 credits from the following subjects:		12
ART Art		
COMM Communication - Speech		
ENGL English		
FLAN Foreign Language		
HIST History		
HUMS Humanities		
INTR Interdisciplinary Studies		
MUSA Music - Applied		
MUSC Music - Composition		
MUSH Music - Humanities		
MUSP Music Performance		
PHIL Philosophy		
THEA Theatre		

Elective Requirements	
Courses 100-level or higher	7-9
Total Credits	**60-64**

*****This General Education Requirement is met by the Program Requirements.

Outcomes

Upon completion of the program, students will be able to:

1. Use critical thinking to determine how specific works in the humanities reveal and/or reflect human values.
2. Demonstrate an understanding of elements and terminology connected to genres and disciplines in the humanities.
3. Use inquiry processes--including analysis, synthesis, and evaluation--to interpret specific works in the humanities.
4. Communicate interpretations of artifacts and texts in the humanities with supporting evidence both in conversation and in writing.
5. Demonstrate self-reflection and open-mindedness, showing respect for diverse perspectives when responding to the humanities' wide range of works, genres, and disciplines.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
COMM-101	Fundamentals of Oral Communication	3
HUMS-101	Montage: Introduction to the Humanities	3
GEM 6 - Social and Behavioral Ways of Knowing		3
Humanties Elective		3
Choose from any ART, COMM, ENGL, HIST, INTR, HUMS, MUSA, MUSC, MUSI, MUSP, PHIL, THEA or WOCU courses.		
	Credits	**15**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 7W - Wellness		1-3
Select one of the following:		3
ENGL-205	Interdisciplinary Writing	
CINA-126	Film and Culture	
HUMS-205	Visual Texts and Culture	
HUMS-295	Themes in Humanities	
Humanties Elective		3
Choose from any ART, COMM, ENGL, HIST, INTR, HUMS, MUSA, MUSC, MUSI, MUSP, PHIL, THEA or WOCU courses.		
	Credits	**13-17**
SEMESTER 3		
INTR-200	Interdisciplinary Seminar	3
GEM 4 - Scientific Ways of Knowing		3-4
Humanties Elective		9
Choose from any ART, COMM, ENGL, HIST, INTR, HUMS, MUSA, MUSC, MUSI, MUSP, PHIL, THEA or WOCU courses.		
	Credits	**16**
SEMESTER 4		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3

SEMESTER 1		CREDITS
Two HUMS or other electives		6
Choose from any ART, COMM, ENGL, HIST, INTR, HUMS, MUSA, MUSC, MUSI, MUSP, PHIL, THEA or WOCU courses.		
	Credits	**16**
	Total Credits	**60-64**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
COMM-101	Fundamentals of Oral Communication	3
HUMS-101	Montage: Introduction to the Humanities	3
	Credits	**9**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**9-11**
SEMESTER 3		
GEM 4 - Scientific Ways of Knowing		3-4
Select one of the following:		3
CINA-126	Film and Culture	
ENGL-205	Interdisciplinary Writing	
HUMS-205	Visual Texts and Culture	
HUMS-295	Themes in Humanities	
One HUMS or other elective		3
Choose from any ART, COMM, ENGL, HIST, INTR, HUMS, MUSA, MUSC, MUSI, MUSP, PHIL, THEA or WOCU courses.		
	Credits	**10**
SEMESTER 4		
INTR-200	Interdisciplinary Seminar	3
GEM 6 - Social and Behavioral Ways of Knowing		3
Two HUMS or other elective		6
Choose from any ART, COMM, ENGL, HIST, INTR, HUMS, MUSA, MUSC, MUSI, MUSP, PHIL, THEA or WOCU courses.		
	Credits	**12**
SEMESTER 5		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 7W - Wellness		1-3
Two HUMS or other elective		6

SEMESTER 1		CREDITS
Choose from any ART, COMM, ENGL, HIST, INTR, HUMS, MUSA, MUSC, MUSI, MUSP, PHIL, THEA or WOCU courses.		
	Credits	**11-13**
SEMESTER 6		
GEM 7I - Institutionally Designated		3
Two HUMS or other electives		6
Choose from any ART, COMM, ENGL, HIST, INTR, HUMS, MUSA, MUSC, MUSI, MUSP, PHIL, THEA or WOCU courses.		
	Credits	**9**
	Total Credits	**60-64**

Heating, Ventilation, Air Conditioning, Refrigeration ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Trades and Industry

Description
This nine-month certificate program in Heating, Ventilation, Air Conditioning, and Refrigeration prepares students for entry-level positions in this challenging occupation. Entry-level HVACR technicians typically work on residential and light commercial HVACR systems performing equipment installations, preventative maintenance and service, and repair tasks. Students will study basic HVACR systems, electricity, heating systems, local fuel codes, applied thermodynamics, refrigeration cycle, psychometrics, duct system design, and system diagnosis. These skills are taught in classroom theory and learned in hands-on lab exercises and cooperative work experiences. Successful completion of the first semester or permission of the instructor is required to continue into the second semester. Successful completion of this program satisfies the four-year related training requirement for the Idaho State HVAC apprenticeship program. Current industry professionals may enroll in a single course on a space available basis and with the instructor's permission.

Requirements

SEMESTER 1		CREDITS
HVAC-161	HVACR Principles	3
HVAC-161L	HVACR Lab I	5
HVAC-165	HVACR Electrical	4
HVAC-167	HVACR Heating	4
Select one of the following:		3-5
MCTE-101	Technical Mathematics	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**19-21**
SEMESTER 2		
ATEC-117	Occupational Relations and Job Search	2
HVAC-171L	HVACR Lab II	5
HVAC-175	HVACR Systems	4
HVAC-177	Refrigeration	4
HVAC-180	HVACR Codes and Licenses	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**21**
	Total Credits	**40-42**

Outcomes

Upon completion of the program, students will be able to:

1. Recognize and apply proper safety techniques and procedures for troubleshooting and servicing HVACR systems.
2. Describe the sequence of operation and properly install and repair fossil fuel combustion systems found in residential and light commercial applications.
3. Describe the sequence of operation and properly install and repair oil combustion and electric furnace operations.
4. Demonstrate proficiency in safe refrigerant handling and recovery.
5. Troubleshoot and apply service knowledge to various refrigeration processes, including heat pumps, walk-in coolers and chillers.
6. Exhibit HVACR work and safety industry competencies by modeling teamwork, and clean and safe shop practices.
7. Demonstrate good work habits, communication practices and computation skills used in the HVACR industry.
8. Read and interpret electrical schematics and building blue prints.
9. Eligible to obtain a Universal Refrigerant Handling Card allowing work on any size refrigeration system.

Interdisciplinary Studies AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Exploratory

Description
The interdisciplinary associate's degree program helps students to develop critical and creative thinking skills that will prepare them to succeed in a complex, interconnected world and in a variety of professions. Students choose two areas of focus from two different departments. In interdisciplinary classes and other courses taught by faculty participating in the program, students are encouraged to recognize and make connections among disciplines and reflect on integrated themes. Experiential learning, writing and speaking across the curriculum, collaborative learning, and individualized advising unite faculty and students in the program. Completion of the following required courses result in an associate of arts degree and meets the general core requirements defined by intended transfer institutions. Collaboration among NIC and Coeur d'Alene campuses of the University of Idaho and Lewis-Clark State College make a local baccalaureate degree in Interdisciplinary Studies accessible.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing*		0
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
HUMS-101	Montage: Introduction to the Humanities	3
INTR-200	Interdisciplinary Seminar	3
Elective Requirements		
Minimum General Electives in first area of focus		9
Minimum General Electives in second area of focus		9
Courses 100-level or higher		4-6
Total Credits		**60-64**

*This General Education Requirement is met by the Program Requirements.

Outcomes
Upon completion of the program, students will be able to:

1. Explain the broad field of interdisciplinary studies using vocabulary and skills involved in integrative, interdisciplinary thinking and problem-solving.
2. Apply interdisciplinary methods and concepts to the study of academic and community themes.
3. View academic and community themes from the perspective of multiple disciplines.
4. Perceive connections among disciplines, integrating conflicting disciplinary viewpoints to produce a more comprehensive understanding of themes.
5. Synthesize interdisciplinary concepts and communicate an integrated perspective through writing and speaking in individual and group assignments.

6. Apply interdisciplinary concepts and methods to the integration of two specific disciplines chosen for a career or college transfer pathway.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
COMM-101	Fundamentals of Oral Communication	3
HUMS-101	Montage: Introduction to the Humanities	3
GEM 6 - Social and Behavioral Ways of Knowing		3
INTR Elective (First focus area)		3
	Credits	**15**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
INTR-200	Interdisciplinary Seminar	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 7W - Wellness		1-3
INTR Elective (Second Focus Area)		3
	Credits	**13-17**
SEMESTER 3		
ENGL-205	Interdisciplinary Writing (recommended or other elective)	3
INTR Elective (First Focus Area)		3
INTR Elective (Second Focus Area)		3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**16**
SEMESTER 4		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 7I - Institutionally Designated		3
Elective		3
INTR Elective (First Focus Area)		3
INTR Elective (Second Focus Area)		3
	Credits	**16**
	Total Credits	**60-64**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
HUMS-101	Montage: Introduction to the Humanities	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
COMM-101	Fundamentals of Oral Communication	3
GEM 7W - Wellness		1-3
INTR Elective (First Focus Area)		3
	Credits	**10-12**
SEMESTER 3		
INTR-200	Interdisciplinary Seminar	3
GEM 4 - Scientific Ways of Knowing		3-4
INTR Elective (Second Focus Area)		3
	Credits	**10**
SEMESTER 4		
ENGL-205	Interdisciplinary Writing	3
GEM 6 - Social and Behavioral Ways of Knowing		3
INTR Elective (First Focus Area)		3
INTR Elective (Second Focus Area)		3
	Credits	**12**
SEMESTER 5		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 7I - Institutionally Designated		3
INTR Elective (First Focus Area)		3
	Credits	**10**
SEMESTER 6		
GEM 6 - Social and Behavioral Ways of Knowing		3
Elective		3
INTR Elective (Second Focus Area)		3
	Credits	**9**
	Total Credits	**60-64**

Industrial Robotics and Automation AAS

Overview

Degree/Certificate

Associate of Applied Science

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

The Industrial Robotics and Automation AAS degree trains students to become versatile automation and mechatronics technicians capable of installing, programming, integrating, and maintaining advanced manufacturing systems. Building on the first-year foundation of automation and robotic principles, the second year focuses on advanced PLC and motion control through integrated manufacturing processes. Students spend significant time in the lab wiring and commissioning motors and drives, tuning PID loops, integrating robots with conveyors and CNC equipment, configuring industrial networks, and applying diagnostics and predictive maintenance strategies. The program concludes with a capstone project where students collaborate with industry partners to design, implement, and present a real-world automation solution, preparing graduates for entry-level technician and support roles in robotics, automation, and smart manufacturing environments.

Successful completion of each semester, or the instructor's permission, is required to continue into successive semesters. Placement in specific English and Math courses is determined by the college assessment test. Prospective students who do not meet the initial eligibility requirements will need to take selected courses to receive necessary skill-building prior to entering the program.

Requirements

SEMESTER 1		CREDITS
IRAA-100	AC/DC Electrical Concepts	5
IRAA-105	Introduction to Programmable Logic Controllers	5
IRAA-110	Industrial Networks and Cybersecurity	3
GEM 3	Mathematical Ways of Knowing	3-5
	Credits	**16-18**
SEMESTER 2		
IRAA-101	Industrial Safety for Robotics and Automation	2
IRAA-115	Introduction to Python Programming	4
IRAA-120	Introduction to Robotics	4
ENGL-101	Writing and Rhetoric I	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**16**
SEMESTER 3		
IRAA-205	Advanced PLC Programming	4
IRAA-210	Motor Controls and Drive Systems	4
IRAA-215	Manufacturing I	3
GEM 6	Social and Behavioral Ways of Knowing	3
GEM 7	A.A.S. Institutionally Designated	3
	Credits	**17**
SEMESTER 4		
IRAA-206	PLC Fault Control and Data Management	3
IRAA-216	Manufacturing II	4
IRAA-260	Robotic Machine Tending	4
IRAA-270	Manufacturing Capstone	4
	Credits	**15**
Total Credits		**64-66**

Outcomes

Upon successful completion, students will be able to:

1. Apply electrical, motor control, and drive system principles to design, wire, test, and troubleshoot industrial control circuits and motion systems.
2. Program and integrate PLCs and robots using advanced instructions, analog I/O, PID control, and industrial networks to coordinate sensors, actuators, drives, and robotic cells.
3. Implement and maintain industrial networks and basic cybersecurity measures to support reliable, secure communication among PLCs, robots, HMIs, SCADA, and other connected devices.
4. Configure and support automated manufacturing systems, including conveyors, material handling, machine tending, mobile robots, and manufacturing execution systems.
5. Use Python and other digital tools for data collection, analysis, visualization, and automation tasks to support troubleshooting, optimization, and decision-making.
6. Diagnose and resolve complex faults in automated systems by applying systematic troubleshooting methods, data diagnostics, and predictive maintenance concepts.
7. Demonstrate effective teamwork, project management, and professional communication skills through planning, executing, and presenting integrated automation projects with industry-relevant documentation.
8. Apply safety standards, regulatory requirements, and lean/continuous improvement principles to design, operate, and improve automated processes that are safe, efficient, and sustainable.

Industrial Robotics and Automation ATC

Overview

Degree/Certificate
Advanced Technical Certificate

Interest Areas
Science, Technology, Engineering, and Mathematics

Description
The Industrial Robotics and Automation two-year program trains students to become versatile automation and mechatronics technicians capable of installing, programming, integrating, and maintaining advanced manufacturing systems. Building on the first-year foundation of automation and robotic principles, the second year focuses on advanced PLC and motion control through integrated manufacturing processes. Students spend significant time in the lab wiring and commissioning motors and drives, tuning PID loops, integrating robots with conveyors and CNC equipment, configuring industrial networks, and applying diagnostics and predictive maintenance strategies. The program concludes with a capstone project where students collaborate with industry partners to design, implement, and present a real-world automation solution, preparing graduates for entry-level technician and support roles in robotics, automation, and smart manufacturing environments. Successful completion of each semester, or the instructor's permission, is required to continue into successive semesters. Placement in specific English and Math courses is determined by the college assessment test. Prospective students who do not meet the initial eligibility requirements will need to take selected courses to receive necessary skill-building prior to entering the program.

Requirements

SEMESTER 1		CREDITS
IRAA-100	AC/DC Electrical Concepts	5
IRAA-105	Introduction to Programmable Logic Controllers	5
IRAA-110	Industrial Networks and Cybersecurity	3
MCTE-101	Technical Mathematics	3
	Credits	**16**
SEMESTER 2		
IRAA-101	Industrial Safety for Robotics and Automation	2
IRAA-115	Introduction to Python Programming	4
IRAA-120	Introduction to Robotics	4
ENGL-101	Writing and Rhetoric I	3
	Credits	**13**
SEMESTER 3		
IRAA-205	Advanced PLC Programming	4
IRAA-210	Motor Controls and Drive Systems	4
IRAA-215	Manufacturing I	3
ATEC-117	Occupational Relations and Job Search	2
	Credits	**13**
SEMESTER 4		
IRAA-206	PLC Fault Control and Data Management	3
IRAA-216	Manufacturing II	4
IRAA-260	Robotic Machine Tending	4
IRAA-270	Manufacturing Capstone	4
	Credits	**15**
Total Credits		**57**

Outcomes

Upon successful completion, students will be able to:

1. Apply electrical, motor control, and drive system principles to design, wire, test, and troubleshoot industrial control circuits and motion systems.

2. Program and integrate PLCs and robots using advanced instructions, analog I/O, PID control, and industrial networks to coordinate sensors, actuators, drives, and robotic cells.
3. Implement and maintain industrial networks and basic cybersecurity measures to support reliable, secure communication among PLCs, robots, HMIs, SCADA, and other connected devices.
4. Configure and support automated manufacturing systems, including conveyors, material handling, machine tending, mobile robots, and manufacturing execution systems.
5. Use Python and other digital tools for data collection, analysis, visualization, and automation tasks to support troubleshooting, optimization, and decision-making.
6. Diagnose and resolve complex faults in automated systems by applying systematic troubleshooting methods, data diagnostics, and predictive maintenance concepts.
7. Demonstrate effective teamwork, project management, and professional communication skills through planning, executing, and presenting integrated automation projects with industry-relevant documentation.
8. Apply safety standards, regulatory requirements, and lean/continuous improvement principles to design, operate, and improve automated processes that are safe, efficient, and sustainable.

Industrial Robotics and Automation ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Science, Technology, Engineering, and Mathematics

Description
The Industrial Robotics and Automation Intermediate Technical Certificate prepares students for entry-level roles in modern automated manufacturing environments. In one year, students build a solid foundation in electrical concepts, industrial safety, basic PLC and robotic programming, and industrial communications. Through hands-on lab work and core general education courses, students learn to safely wire and troubleshoot basic control circuits, program and operate PLCs and robots, communicate within technical teams, and apply problem-solving skills to automated systems.

Successful completion of each semester, or the instructor's permission, is required to continue into successive semesters. Placement in specific English and Math courses is determined by the college assessment test. Prospective students who do not meet the initial eligibility requirements will need to take selected courses to receive necessary skill-building prior to entering the program.

Requirements

SEMESTER 1		CREDITS
IRAA-100	AC/DC Electrical Concepts	5
IRAA-105	Introduction to Programmable Logic Controllers	5
IRAA-110	Industrial Networks and Cybersecurity	3
MCTE-101	Technical Mathematics	3
	Credits	**16**
SEMESTER 2		
IRAA-101	Industrial Safety for Robotics and Automation	2
IRAA-115	Introduction to Python Programming	4
IRAA-120	Introduction to Robotics	4
ENGL-101	Writing and Rhetoric I	3
ATEC-117	Occupational Relations and Job Search	2
	Credits	**15**
Total Credits		**31**

Outcomes

Upon successful completion, students will be able to:

1. Apply basic electrical theory to analyze, build, and troubleshoot simple AC/DC circuits and motor applications using appropriate test equipment and documentation.
2. Demonstrate OSHA-aligned industrial safety practices when working around robots, conveyors, electrical panels, and automated equipment.
3. Configure and program basic PLC systems using ladder logic, wiring discrete I/O, and testing simple automated processes in a lab environment.
4. Explain and utilize industrial communication concepts and foundational cybersecurity practices for connected PLC, robotic, and automation devices.
5. Write and adapt simple Python programs to solve practical automation-related problems, including data handling and use of common libraries.
6. Communicate effectively and work collaboratively in technical teams, using written, oral, and interpersonal skills appropriate for industry settings.

Journalism AA

Overview

Degree/Certificate

Associate of Arts

Interest Areas

Arts and Communication

Description

This program improves writing skills while preparing students for careers in journalism or communication. COMJ courses focus on improving the skills needed to disseminate engaging content on multiple platforms. Students mix theoretical training with practical experience by working as staff on the national award-winning NIC publication, The Sentinel, its multimedia website, and social media accounts. Completion of the following courses results in an associate degree and meets the general core requirements at all Idaho public universities. The suggested coursework normally fills the first half of baccalaureate degree requirements in Journalism. Course selection should be tailored to match requirements defined by intended transfer institutions.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6-8
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing*		3
GEM 6 - Social and Behavioral Ways of Knowing**		0
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
ART-183	Intro to Digital Photography	3
ART-289	Photojournalism	3
COMJ-100	The Sentinel	1-2
COMJ-121	Introduction to Media Writing	3
COMJ-140	Mass Media in a Free Society	3
COMJ-222	Modern Reporting and Podcasting	3
PHIL-103	Introduction to Ethics	3
or PHIL-201	Logic and Critical Thinking	
POLS-101	American National Government	3
or PSYC-101	Introduction to Psychology	
Elective Requirements		
Courses 100-level or higher		8-11
Total Credits		**60-67**

*This General Education Requirement is partially met by the Program Requirements.

**This General Education Requirement is met by the Program Requirements.

Recommended Elective Course

ENGL-293	Creative Writing: Literary Nonfiction	3

Outcomes

Upon completion of the program, students will be able to:

1. Compose and edit content in an industry-approved format on a variety of platforms for the modern newsroom.
2. Report information with balanced and objective treatment by avoiding personal bias and using proper grammar and punctuation.
3. Identify and explain fundamental issues, concepts and events concerning media history, law and ethics.
4. Demonstrate the ability to think critically by gathering and researching relevant facts, choosing and interviewing appropriate sources, analyzing data, and evaluating information for accuracy and newsworthiness.
5. Identify the traits of a media literate consumer and develop strategies for critically analyzing and discussing media messages.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
COMJ-121	Introduction to Media Writing	3
COMJ-100	The Sentinel	1
COMM-101	Fundamentals of Oral Communication	3
COMJ-140	Mass Media in a Free Society	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**16-18**
SEMESTER 2		
COMJ-222	Modern Reporting and Podcasting	3
COMJ-100	The Sentinel	1
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
PHIL-103 or PHIL-201	Introduction to Ethics or Logic and Critical Thinking	3
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**14**
SEMESTER 3		
ART-183	Intro to Digital Photography	3
COMJ-100	The Sentinel	1
POLS-101 or PSYC-101	American National Government or Introduction to Psychology	3
GEM 4 - Scientific Ways of Knowing		4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**15-17**
SEMESTER 4		
ART-289	Photojournalism	3
COMJ-100	The Sentinel	1
GEM 7I - Institutionally Designated		3
Electives		8-11
	Credits	**15-18**
	Total Credits	**60-67**

Part-Time Pathway

SEMESTER 1		CREDITS
COMJ-121	Introduction to Media Writing	3
COMJ-100	The Sentinel	1
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
	Credits	**7**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SUMMER 1		
COMJ-140	Mass Media in a Free Society	3
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**7**
SEMESTER 3		
ART-183	Intro to Digital Photography	3
PHIL-103 or PHIL-201	Introduction to Ethics or Logic and Critical Thinking	3
POLS-101 or PSYC-101	American National Government or Introduction to Psychology	3
	Credits	**9**
SEMESTER 4		
COMJ-222	Modern Reporting and Podcasting	3
COMJ-100	The Sentinel	1
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**8-10**
SUMMER 2		
GEM 4 - Scientific Ways of Knowing		4
	Credits	**4**
SEMESTER 5		
COMJ-100	The Sentinel	1

SEMESTER 1		CREDITS
GEM 7I - Institutionally Designated		3
Elective		3
	Credits	**7**
SEMESTER 6		
ART-289	Photojournalism	3
COMJ-100	The Sentinel	1
Elective		5-8
	Credits	**9-12**
	Total Credits	**60-67**

Law Enforcement Detention Academy BTC

Overview

Degree/Certificate
Basic Technical Certificate

Interest Areas
Human Sciences

Description
The Detention Academy program is designed to prepare students for entry-level positions as a Corrections Officer. Topics covered in the curriculum include Cell Searches, Ground Control, Hostage Survival, Idaho Jail Standards, Report Writing, and more. Detention Academy training takes place in the classroom, mat room, Kootenai County Sheriff's Office jail facilities, and other off-site locations. At the end of the academy, cadets will take a cumulative exam which makes them eligible to site for the State of Idaho's detention deputy's exam. This is a credited, 9-week Basic Technical Certificate program offered twice a year during the fall and spring semesters. It begins and runs alongside the Basic Patrol Academy and is likewise accredited by Idaho POST. The instructor pool consists of current and former detention deputies as well as other professionals within the criminal justice field. This is a selective admissions program where applicants will be required to undergo a complete background check, which includes finger printing, a polygraph examination, psychological evaluations, and oral interview. Applicants must also pass POST required medical, vision, and hearing exams, and will be required to pass the POST physical readiness test. For program specific requirements please refer to the program website.

Requirements

SEMESTER 1		CREDITS
LAWE-164	Basic Detention Law and Professional Orientation	6
LAWE-165	Enforcement and Field Skills for Detention Deputies	8
	Credits	**14**
	Total Credits	**14**

Outcomes
Upon completion of the program, students will be able to:

1. Supervise inmate behavior during operation of the detention center.
2. Communicate effectively and coherently with other staff and inmates.
3. Demonstrate proper procedure for performing searches of inmates, vehicles, and mail items.
4. Safely transport and escort inmates using handcuffs and other approved restraints.

5. Demonstrate comprehension of legal and non-legal documents.
6. Maintain weapons, equipment, and uniforms in functional condition as prescribed by departmental policy.
7. College and resolve inmate complaints, grievances, and requests or report them to the appropriate individual or division.
8. Prepare investigative and other reports or documentation with appropriate grammar, symbols, and mathematical computations such as filing, alphabetizing, and labeling.
9. Exhibit proficiency at processing and releasing inmates, including taking photographs and legible sets of inked fingerprints or palm prints.
10. Observe and control visitors and inmates prior to, during, and after visits.

Law Enforcement AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Human Sciences

Description
The term "police" has been defined as a governmental entity, whether city, county, state, or national that is relied upon to maintain order, keep the peace, detect and prevent crime, respond to and provide emergency services, and enforce criminal law. The North Idaho College (NIC) Law Enforcement program provides professionalism through training to newly hired officers of law enforcement agencies and students seeking employment in law enforcement. The Basic Patrol Academy is designed in a police academy format, accredited by the Idaho Peace Officers Standards and Training (P.O.S.T) Council. The academy meets four days per week, approximately eight hours per day for eighteen weeks. Approximately 45 local law enforcement experts teach more than 60 law enforcement topics, sharing a wide array of experience and knowledge with students in the classroom, in the mat room, in the field skills training, and through scenario-based training.

North Idaho College offers three levels of certification in Law Enforcement from which the student may choose: the Basic Technical Certificate, which is awarded upon completion of the Basic Patrol Academy, the Intermediate Technical Certificate, or the Associate of Applied Science (AAS) Degree. Please see the specific program requirements for each certificate or the AAS degree.

To successfully complete the Basic Patrol Academy, students will be required to pass all P.O.S.T. requirements for physical fitness, marksmanship, and P.O.S.T. written, field skills, and certification tests. Upon successful completion of the Basic Patrol Academy, students are eligible to take the P.O.S.T. Challenge Exam for Peace Officer Certification in Idaho.

The North Idaho College Basic Patrol Academy is accredited by the Idaho Peace Officer standards and Training Council (P.O.S.T.). Although an open admissions program, there are several admission requirements, which include an oral interview, entrance assessment, background check (to include fingerprint submittal, polygraph examination, psychological evaluation), and medical, vision, and hearing examinations.

Fees for these tests are the student's responsibility. In addition to the NIC Basic Patrol Academy application, P.O.S.T. also requires an application which is submitted online for P.O.S.T. approval prior to attending the POST academy. Upon acceptance into the Basic Patrol Academy, students will be required to purchase and wear NIC Basic Patrol Academy and physical fitness uniforms while in class.

Certified Law Enforcement Professionals: Students who successfully complete the Basic Patrol Academy in Meridian, Idaho and provide proof of completion to the Registrar's Office will have the LAWE courses waived as part of the program requirements for the

Intermediate Technical Certificate and/or Associate of Applied Science degrees. College credit for these courses will not be awarded.

Requirements

Summer/Fall POST Academy

SEMESTER 1		CREDITS
CJ-103	Introduction to Criminal Justice	3
POLS-101	American National Government	3
PSYC-101	Introduction to Psychology	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**12**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-202	Technical Writing	3
PE-288	First Aid	3
POLS-275	State and Local Government	3
A.A.S. Institutionally Designated		3
	Credits	**15**
SEMESTER 3		
PHIL-103	Introduction to Ethics	3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
Select one of the following:		3
PSYC-205	Developmental Psychology	
PSYC-211	Abnormal Psychology	
PE-226	Stress Management	
Select one of the following:		3
SOC-102	Social Problems	
SOC-220	Marriage and Family	
SOC-251	Race and Ethnic Relations	
INTR-250A	Death and Dying: A Sociocultural, Historical, and Biological Perspective	
	Credits	**12-14**
SEMESTER 4		
Summer		
LAWE-159	Introduction to POST and Law	1
	Credits	**1**
SEMESTER 5		

SEMESTER 1		CREDITS
Fall		
LAWE-160	Basic Police Law and Prof Orientation II	6
LAWE-162	Police Procedures and Investigations	8
LAWE-163	Enforcement and Field Skills for Patrol Officers	7
	Credits	**21**
	Total Credits	**61-63**

Spring/Summer POST Academy

SEMESTER 1		CREDITS
CJ-103	Introduction to Criminal Justice	3
POLS-101	American National Government	3
PSYC-101	Introduction to Psychology	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**12**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-202	Technical Writing	3
PE-288	First Aid	3
POLS-275	State and Local Government	3
A.A.S. Institutionally Designated		3
	Credits	**15**
SEMESTER 3		
PHIL-103	Introduction to Ethics	3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
Select one of the following:		3
PSYC-205	Developmental Psychology	
PSYC-211	Abnormal Psychology	
PE-226	Stress Management	
Select one of the following:		3
SOC-102	Social Problems	
SOC-220	Marriage and Family	
SOC-251	Race and Ethnic Relations	
INTR-250A	Death and Dying: A Sociocultural, Historical, and Biological Perspective	
	Credits	**12-14**
SEMESTER 4		
Spring		
LAWE-161	Basic Police Law and Prof Orientation I	7
LAWE-162	Police Procedures and Investigations	8
LAWE-166	Enforcement/Field Skills Patrol Off II	6

SEMESTER 1		CREDITS
	Credits	**21**
SEMESTER 5		
Summer		
LAWE-167	Arrest Control and POST Challenge	1
	Credits	**1**
	Total Credits	**61-63**

Outcomes

Upon completion of the program, students should be able to:

1. Identify and apply the laws of the criminal justice system in a fair and impartial manner.
2. Communicate effectively in law enforcement settings.
3. Apply critical thinking and technical skills involving law enforcement and the community they serve.
4. Demonstrate proficiency in applying law enforcement skills through practical application.
5. Exhibit personal accountability and professionalism.
6. Identify and apply investigative skills and evidence handling in a proficient manner.
7. Through written and physical skills exams, demonstrate knowledge in core competencies and defensive and control skills as mandated by P.O.S.T for entry-level Idaho peace officers.
8. Through scenario testing, monitored by experienced police officers, demonstrate proficiency in investigative skills, human relations skills and core competencies as mandated by P.O.S.T for entry-level Idaho peace officers.
9. Communicate effectively, in both written and oral forms, to varied audiences to serve diverse purposes as part of their studies at NIC and beyond.
10. Think quantitatively, evaluate data, and draw conclusions using sound mathematical principles and practices.
11. Use social science reasoning to inquire, critically consume relevant information, and develop insights on individual, social, community, world problems and questions.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Law Enforcement Post BTC

Overview

Degree/Certificate
Basic Technical Certificate

Interest Areas
Human Sciences

Description
This program is designed to train newly-hired law enforcement officers, as well as to prepare students who wish to be employed in law enforcement. Students may elect to complete the Basic Technical Certificate, the Intermediate Technical Certificate, or the Associate of Applied Science Degree requirements. This program consists of approximately 18 weeks of Peace Office Standards and Training (P.O.S.T.) approved Basic Patrol Academy curriculum. To successfully complete the Basic Patrol Academy, students will be required to pass all P.O.S.T. requirements for physical fitness, marksmanship, and P.O.S.T. written, practical exercises, and certification tests. The North Idaho College Basic Patrol Academy is accredited by the Idaho Peace Officer Standards and Training Council (P.O.S.T.). This is a open admissions program and applicants will be required to undergo a complete background check, including fingerprinting, a polygraph examination, a psychological evaluation, and an oral interview. Applicants must also pass P.O.S.T. required medical, vision, and hearing exams, and will be required to pass the P.O.S.T. Physical Readiness Test. Fees for these tests will be the student's responsibility. Upon acceptance into the Basic Patrol Academy, students will be required to purchase and wear Academy and physical fitness uniforms while in class. Certified Law Enforcement Professionals: Students who successfully complete the Basic Patrol Academy in Meridian, Idaho and provide proof of completion to the Registrar's Office will have the LAWE courses waived as part of the program requirements for the Intermediate Technical Certificate and/or Associate of Applied Science degrees. College credit for these courses will not be awarded.

Requirements

Summer/Fall Semesters

SEMESTER 1		CREDITS
LAWE-159	Introduction to POST and Law	1
	Credits	**1**
SEMESTER 2		
LAWE-160	Basic Police Law and Prof Orientation II	6
LAWE-162	Police Procedures and Investigations	8
LAWE-163	Enforcement and Field Skills for Patrol Officers	7
	Credits	**21**
	Total Credits	**22**

Spring/Summer Semesters

SEMESTER 1		CREDITS
LAWE-161	Basic Police Law and Prof Orientation I	7
LAWE-162	Police Procedures and Investigations	8
LAWE-166	Enforcement/Field Skills Patrol Off II	6
	Credits	**21**
SEMESTER 2		
LAWE-167	Arrest Control and POST Challenge	1
	Credits	**1**
	Total Credits	**22**

Outcomes
Upon completion of the program, students should be able to:

1. Identify and apply the laws of the criminal justice system in a fair and impartial manner.
2. Communicate effectively in law enforcement settings.
3. Apply critical thinking and technical skills involving law enforcement and the community they serve.
4. Demonstrate proficiency in applying law enforcement skills through practical application.
5. Exhibit personal accountability and professionalism.
6. Identify and apply investigative skills and evidence handling in a proficient manner.
7. Through written and physical skills exams, demonstrate knowledge in core competencies and defensive and control skills as mandated by P.O.S.T for entry-level Idaho peace officers.
8. Through scenario testing, monitored by experienced police officers, demonstrate proficiency in investigative skills, human relations skills and core competencies as mandated by P.O.S.T for entry-level Idaho peace officers.
9. Communicate effectively, in both written and oral forms, to varied audiences to serve diverse purposes as part of their studies at NIC and beyond.

Law Enforcement ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Human Sciences

Description
This program is designed to train newly hired law enforcement officers, as well as to prepare students who wish to be employed in law enforcement. Students may elect to complete the Basic Technical Certificate, the Intermediate Technical Certificate, or the Associate of Applied Science Degree requirements. This program consists of approximately 18 weeks of Peace Officer Standards and Training (P.O.S.T.) approved Basic Patrol Academy curriculum. To successfully complete the Basic Patrol Academy, students will be required to pass all P.O.S.T. requirements for physical fitness, marksmanship, and P.O.S.T. written, practical exercises, and certification tests. The North Idaho College Basic Patrol Academy is accredited by the Idaho Peace Officer Standards and Training Council (P.O.S.T.). This is a open admissions program and applicants will be required to undergo a complete background check, including fingerprinting, a polygraph examination, a psychological evaluation, and an oral interview. Applicants must also pass P.O.S.T. required medical, vision, and hearing exams, and will be required to pass the P.O.S.T. Physical Readiness Test. Fees for these tests will be the student's responsibility. Upon acceptance into the Basic Patrol Academy, students will be required to purchase and wear Academy and physical fitness uniforms while in class. Certified Law Enforcement Professionals: Students who successfully complete the Basic Patrol Academy in Meridian, Idaho and provide proof of completion to the Registrar's Office will have the LAWE courses waived as part of the program requirements for the Intermediate Technical Certificate and/or Associate of Applied Science degrees. College credit for these courses will not be awarded.

Requirements

Summer/Fall POST Academy

SEMESTER 1		CREDITS
Summer		
LAWE-159	Introduction to POST and Law	1
	Credits	**1**
SEMESTER 2		
Fall		
LAWE-160	Basic Police Law and Prof Orientation II	6
LAWE-162	Police Procedures and Investigations	8
LAWE-163	Enforcement and Field Skills for Patrol Officers	7
	Credits	**21**
SEMESTER 3		
PE-288	First Aid	3
PHIL-103 or PSYC-101	Introduction to Ethics or Introduction to Psychology	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
Select one of the following:		3-5
MCTE-101	Technical Mathematics	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**12-15**
	Total Credits	**34-37**

Spring/Summer POST Academy

SEMESTER 1		CREDITS
Spring		
LAWE-161	Basic Police Law and Prof Orientation I	7
LAWE-162	Police Procedures and Investigations	8
LAWE-166	Enforcement/Field Skills Patrol Off II	6
	Credits	**21**
SEMESTER 2		
Summer		
LAWE-167	Arrest Control and POST Challenge	1
	Credits	**1**
SEMESTER 3		
PE-288	First Aid	3
PHIL-103 or PSYC-101	Introduction to Ethics or Introduction to Psychology	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
Select one of the following:		3-5
MCTE-101	Technical Mathematics	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**12-15**
	Total Credits	**34-37**

Outcomes

Upon completion of the program, student will be able to:

1. Identify and apply the laws of the criminal justice system in a fair and impartial manner.
2. Communicate effectively in law enforcement settings.
3. Apply critical thinking and technical skills involving law enforcement and the community they serve.
4. Demonstrate proficiency in applying law enforcement skills through practical application.
5. Exhibit personal accountability and professionalism.
6. Identify and apply investigative skills and evidence handling in a proficient manner.
7. Through written and physical skills exams, demonstrate knowledge in core competencies and defensive and control skills as mandated by P.O.S.T for entry-level Idaho peace officers.
8. Through scenario testing, monitored by experienced police officers, demonstrate proficiency in investigative skills, human relations skills and core competencies as mandated by P.O.S.T for entry-level Idaho peace officers.
9. Communicate effectively, in both written and oral forms, to varied audiences to serve diverse purposes as part of their studies at NIC and beyond.
10. Think quantitatively, evaluate data, and draw conclusions using sound mathematical principles and practices.
11. Use social science reasoning to inquire, critically consume relevant information, and develop insights on individual, social, community, world problems and questions.

Machining and CNC Technology AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Trades and Industry

Description
This program prepares students for entry-level employment in the machining and manufacturing industries. The curriculum features basic to advanced machining concepts involving various machine tools such as conventional lathes, mills, grinders, and their Computer Numerical Control (CNC) counterparts. Coursework also involves blueprint reading, geometric dimensioning and tolerancing, shop math, and statistical and mechanical measurements. The second year of the program places emphasis in CNC and CAD/CAM systems as well as geometric dimensioning and tolerancing in preparation for employment in the computerized manufacturing environment. Successful completion of each semester or permission of the instructor is required to continue into the next semester. Prospective students should have solid math skills and demonstrate mechanical aptitude. Computer and keyboarding skills are recommended. Placement in specific English and Math classes is determined by the college assessment test. Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Requirements

SEMESTER 1		CREDITS
MACH-150	Machining Technology Theory I	6
MACH-151L	Machining Technology Lab I	6
MACH-171	Blueprint Reading	2
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**17-19**
SEMESTER 2		
MACH-152L	Machining Technology Lab II	5
MACH-160	Manufacturing Processes	4
MACH-172	Blueprint Reading II	2
ENGL-101	Writing and Rhetoric I	3
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**17**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
MACH-234	Computers in Machining	2
MACH-253L	Computer Numerical Control Lab	5
MACH-283	Computer Numerical Control	5
	Credits	**15**
SEMESTER 4		
MACH-254L	Advanced Computer Numerical Control Lab	5
MACH-274	Geometric Dimensioning and Tolerancing	3
MACH-284	Advanced Numerical Control	5
A.A.S. Institutionally Designated		3
	Credits	**16**
	Total Credits	**65-67**

Outcomes

Upon completion of the program, students will be able to:

1. Illustrate shop terms, language, and vocabulary to describe processes and methods as well as the machinery, their accessories and use.

2. Interpret various views, lines, symbols, terms, and abbreviations routinely used on blueprints in the manufacturing industry.
3. Strategize and develop detailed and effective manufacturing processes from a blueprint, engineering sketch, related documents, or verbal instructions and executing these processes on conventional and computerized machine tools.
4. Perform basic and advanced mechanical measurements using proper technique and equipment, and develop process corrections based upon measured observations.
5. Demonstrate capable navigation of CNC machine controls as well as compose and employ machine code (G-Code) to dictate and manipulate CNC machine tool motion.
6. Analyze and interpret admissible feature tolerances provided on geometric dimension and tolerancing (GD&T) blueprints to Y14.5 American Society of Mechanical Engineers (ASME) Standards.
7. Produce 3D models and develop practical NC code applying CAD/CAM software to CNC lathe and CNC mill toolpaths.
8. Compare and employ complex CNC machine tools such as EDM, screw machines, 5-axis and mill-turn machines.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Machining and CNC Technology ATC

Overview

Degree/Certificate
Advanced Technical Certificate

Interest Areas
Trades and Industry

Description
This program prepares students for entry-level employment in the machining and manufacturing industries. The curriculum features basic to advanced machining concepts involving various machine tools such as conventional lathes, mills, grinders, and their Computer Numerical Control (CNC) counterparts. Coursework also involves blueprint reading, geometric dimensioning and tolerancing, shop math, and statistical and mechanical measurements. The second year of the program places emphasis in CNC and CAD/CAM systems as well as geometric dimensioning and tolerancing in preparation for employment in the computerized manufacturing environment. Successful completion of each semester or permission of the instructor is required to continue into the next semester. Prospective students should have solid math skills and demonstrate mechanical aptitude. Computer and keyboarding skills are recommended. Placement in specific English and Math classes is determined by the college assessment test. Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Requirements

SEMESTER 1		CREDITS
MACH-150	Machining Technology Theory I	6
MACH-151L	Machining Technology Lab I	6
MACH-171	Blueprint Reading	2
MCTE-105	Technical Mathematics for Machining and Computer Aided Design Technologies	3
	Credits	**17**
SEMESTER 2		
MACH-152L	Machining Technology Lab II	5
MACH-160	Manufacturing Processes	4
MACH-172	Blueprint Reading II	2
ATEC-117	Occupational Relations and Job Search	2
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**16**
SEMESTER 3		
MACH-234	Computers in Machining	2
MACH-253L	Computer Numerical Control Lab	5
MACH-283	Computer Numerical Control	5
	Credits	**12**
SEMESTER 4		
MACH-254L	Advanced Computer Numerical Control Lab	5
MACH-274	Geometric Dimensioning and Tolerancing	3
MACH-284	Advanced Numerical Control	5
	Credits	**13**
	Total Credits	**58**

Outcomes

Upon completion of the program, students will be able to:

1. Illustrate shop terms, language, and vocabulary to describe processes and methods as well as the machinery, their accessories and use.
2. Interpret various views, lines, symbols, terms, and abbreviations routinely used on blueprints in the manufacturing industry.
3. Strategize and develop detailed and effective manufacturing processes from a blueprint, engineering sketch, related documents, or verbal instructions and executing these processes on conventional and computerized machine tools.
4. Perform basic and advanced mechanical measurements using proper technique and equipment, and develop process corrections based upon measured observations.
5. Demonstrate capable navigation of CNC machine controls as well as compose and employ machine code (G-Code) to dictate and manipulate CNC machine tool motion.
6. Analyze and interpret admissible feature tolerances provided on geometric dimension and tolerancing (GD&T) blueprints to Y14.5 American Society of Mechanical Engineers (ASME) Standards.
7. Produce 3D models and develop practical NC code applying CAD/CAM software to CNC lathe and CNC mill toolpaths.
8. Compare and employ complex CNC machine tools such as EDM, screw machines, 5-axis and mill-turn machines.

Mathematics AS

Overview

Degree/Certificate

Associate of Science

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

This program leads to careers in teaching, industry, government, actuarial work, or as support for many science disciplines. The mathematics background assumed for entry is four years of high school mathematics through pre-calculus and trigonometry. These entry-level courses, if needed, are also available through the college. Completion of the following courses normally fulfills the first half of bachelor degree requirements in Math. Course selections should be tailored to match requirements defined by intended transfer institutions.

Requirements

CODE	TITLE	CREDITS
General Education Requirements		
GEM 1 - Written Communication		6-8
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
CS-150	Computer Science I	4
MATH-170	Calculus I	4
MATH-175	Analytic Geometry and Calculus II	4
MATH-187	Discrete Mathematics	4
MATH-275	Analytic Geometry and Calculus III	4
MATH-335	Linear Algebra	3
MATH-370	Introduction to Ordinary Differential Equations	3
Elective Requirements		
Choose 100-level or higher		0-2
Total Credits		**60-65**

*This General Education Requirement is met by the Program Requirements.

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate fundamental manipulative skills in algebra, geometry, trigonometry, and calculus.
2. Formulate, solve, and interpret mathematical problems using appropriate mathematical language and notation.
3. Investigate and apply mathematical problems and solutions in a variety of contexts related to science, technology, business and industry, and illustrate these solutions using symbolic, numeric, or graphical methods.

4. Communicate mathematical ideas in oral, written, and symbolic forms.
5. Assess and interpret complex situations, choose among several potentially appropriate mathematical methods of solution, and present full and clear solutions that include appropriate justification for their reasoning.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
CS-150	Computer Science I	4
MATH-170	Calculus I	4
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
GEM 7W - Wellness		1-3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15-18**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
MATH-175	Analytic Geometry and Calculus II	4
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
Electives		2
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**15-17**
SEMESTER 3		
MATH-187	Discrete Mathematics	4
MATH-275	Analytic Geometry and Calculus III	4
MATH-335	Linear Algebra	3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**14**
SEMESTER 4		
MATH-370	Introduction to Ordinary Differential Equations	3
GEM 4 - Scientific Ways of Knowing		4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**16**
	Total Credits	**60-65**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
MATH-170	Calculus I	4
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
	Credits	**10-11**
SEMESTER 2		
MATH-175	Analytic Geometry and Calculus II	4
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
GEM 7W - Wellness		1-3
	Credits	**8-11**
SUMMER 1		
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**6**
SEMESTER 3		
MATH-187	Discrete Mathematics	4
MATH-275	Analytic Geometry and Calculus III	4
	Credits	**8**
SEMESTER 4		
MATH-370	Introduction to Ordinary Differential Equations	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**9-10**
SUMMER 2		
GEM 6 - Social and Behavioral Ways of Knowing		3
Electives		2
	Credits	**5**
SEMESTER 5		
MATH-335	Linear Algebra	3
GEM 4 - Scientific Ways of Knowing		4

SEMESTER 1		CREDITS
	Credits	**7**
SEMESTER 6		
CS-150	Computer Science I	4
GEM 7I - Institutionally Designated		3
	Credits	**7**
	Total Credits	**60-65**

Medical Billing Fundamentals ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Business

Description
The Medical Billing Fundamentals certificate is designed to prepare individuals for entry-level positions in medical billing and patient accounts within a variety of health care settings. Employment opportunities include physician practices, clinics, health maintenance organizations, and other health care entities, including private billing services.

This certificate provides a solid foundation in medical terminology, insurance reimbursement, medicolegal issues, and computerized billing procedures used throughout the health care industry. Students will develop skills in processing and managing third-party reimbursement and maintaining patient accounts receivables through both theoretical and applied instruction.

The Medical Billing Fundamentals certificate can serve as a standalone credential for entry-level employment or as a stackable pathway toward the Medical Billing Specialist Associate of Applied Science degree.

Requirements

SEMESTER 1		CREDITS
BOAA-110	Small Business Accounting*	3
CAOT-120	Word Processing/Word I	1
CAOT-123	AI Essentials for the Workplace	3
CAOT-130	Spreadsheets/Excel I	1
CAOT-131	Spreadsheets/Excel II	1
CAOT-164	Computer Fundamentals for Technical Programs	1
CAOT-179	Medical Terminology	2
CAOT-183 or ENGL-101	Business Editing and Proofreading or Writing and Rhetoric I	3
BLDR-120 or GEM 3	BLDR-120 or A.A.S. Mathematical Ways of Knowing course	3-5
	Credits	**18-20**
SEMESTER 2		
BOAA-140	Small Business Accounting II	3
BOAA-150	10-Key Skill Building	1
CAOT-115	Outlook	1
CAOT-168	Integrated Medical Office Software	3
CAOT-186	Medical Coding	3
CAOT-210	Office Procedures and Technologies	3
HCIT-180	Medical Law and Ethics	3
	Credits	**17**
Total Credits		**35-37**

*Students intending to obtain a four-year degree in accounting should take ACCT-201, Principles of Accounting.

Outcomes
Upon successful completion, students will be able to:

1. Perform health care office procedures that include scheduling, bookkeeping, billing and payment collection by utilizing a working knowledge of medical terminology, body systems, common medications, electronic health records and insurance.

2. Assign diagnostic and procedure codes using ICD and HCPCS/CPT coding systems as used in a variety of health care settings.
3. Apply legal and ethical standards and adhere to principles of patient confidentiality within the health care and community environment as defined by HIPAA.
4. Use specialized computer programs including practice management/electronic health record (PM/EHR) and the Microsoft Office Suite.
5. Demonstrate professionalism through acceptable attitude, organization and time management skills, and attire.

Mechanical Design Engineering Technology AAS

Overview

Degree/Certificate

Associate of Applied Science

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

This program teaches drafting and engineering skills through CAD and places heavy emphasis on the needs of manufacturers. As such, there are two emphasis area pathways for students to choose between in pursuit of the A.A.S. degree in this program; machining or mathematics. All students will learn manufacturing principles with computer-aided design applications. The machining emphasis path provides students with skills in this in-demand medium as context for how they must design. The math emphasis pathway allows focus on the higher-level coursework in calculus, geometry and statistical methods which also rounds out the design technician as well as better preparing them for transfer options. There is a two-semester Intermediate Technical Certificate focused more squarely on design, as well as a four-semester advanced technical certificate.

Requirements

Machining Pathway Requirements

SEMESTER 1		CREDITS
MCTE-105	Technical Mathematics for Machining and Computer Aided Design Technologies	3
MDET-110	SolidWorks Basic	4
MDET-150	Machining Technology Theory I	4
MDET-151L	Machining Technology Lab I	5
	Credits	**16**
SEMESTER 2		
CAOT-165	Productivity Software for Technical Programs	1
GEM 3 - Mathematical Ways of Knowing		3-5
MDET-115	Basic Mechanical Design	4
MDET-120	Intermediate SolidWorks	3
GEM 1 - A.A.S. Written Communication		3-4
	Credits	**14-17**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
MDET-210	Advanced SolidWorks Techniques	3
MDET-220	Geometric Dimension and Tolerancing	3
MDET-235	Statics and Strength of Materials	3
A.A.S. Institutionally Designated		3-5
	Credits	**15-17**
SEMESTER 4		
ENGL-202	Technical Writing	3
MDET-215	Industrial Process	3
MDET-225	Machines and Mechanisms	3
MDET-230	Advanced Mechanical Design	4
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**16**
	Total Credits	**61-66**

Mathematics Pathway Requirements

SEMESTER 1		CREDITS
CAOT-165	Productivity Software for Technical Programs	1
MATH-143	Precalculus I: Algebra	3
MCTE-105	Technical Mathematics for Machining and Computer Aided Design Technologies	3
MDET-110	SolidWorks Basic	4
GEM 1 - A.A.S. Written Communication		3-4
	Credits	**14-15**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-202	Technical Writing	3
MATH-170	Calculus I	4
MDET-115	Basic Mechanical Design	4
MDET-120	Intermediate SolidWorks	3
	Credits	**17**
SEMESTER 3		
MATH-175	Analytic Geometry and Calculus II	4
MDET-210	Advanced SolidWorks Techniques	3
MDET-220	Geometric Dimension and Tolerancing	3
MDET-235	Statics and Strength of Materials	3
A.A.S. Institutionally Designated		3-5
	Credits	**16-18**
SEMESTER 4		
MATH-153	Statistical Reasoning	3
MDET-215	Industrial Process	3
MDET-225	Machines and Mechanisms	3
MDET-230	Advanced Mechanical Design	4
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**16**
	Total Credits	**63-66**

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate basic three-dimensional (3D) Computer Aided Design (CAD) software commands, in a related pedagogical sequence to generate geometric constructs to create parametric feature-based geometry methodology for parts, assemblies, and drawings.
2. Use Microsoft Office for Word, Excel, and PowerPoint as well as the internet.
3. Apply mathematical skills to plan, calculate and execute precision measuring techniques to validate design and manufacturing applications for parts and assemblies.
4. Interpret and apply American National Standards Institute (ANSI) standards to produce detailed working drawings used in contemporary manufacturing industries.
5. Demonstrate appropriate work relationships and habits, communication and computational skills used in contemporary technical industries.
6. Demonstrate form, fit, and functional requirements with parametric feature-based modeling methodology.
7. Create, evaluate, and validate 3-D part functionality by utilizing CAD/CAM software and additive manufacturing technology.
8. Interpret, calculate and demonstrate the application of Geometric Dimensioning & Tolerancing in accordance with AMSE Y14.5 standards.
9. Use Technical mathematical skills to calculate and predict statics and strength of materials and/or Kinematic analysis for mechanisms.
10. Apply basics and intermediate design principles for mechanical design in accordance with manufacturing processes.
11. Demonstrate product cycle methodology, incorporating accumulated curriculum skill sets to plan, design, construct, for final design project.
12. Demonstrate ability to think quantitatively, evaluate data, and draw conclusions using sound mathematical principles and practices.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Mechanical Design Engineering Technology ATC

Overview

Degree/Certificate
Advanced Technical Certificate

Interest Areas
Science, Technology, Engineering, and Mathematics

Description
This program teaches drafting and engineering skills through CAD and placed heavy emphasis on the needs of manufacturers. All students will learn manufacturing principles with computer-aided design applications. Students are also provided the opportunity to apply their skills specifically to the machining discipline.

Requirements

SEMESTER 1		CREDITS
MCTE-105	Technical Mathematics for Machining and Computer Aided Design Technologies	3
MDET-110	SolidWorks Basic	4
MDET-150	Machining Technology Theory I	4
MDET-151L	Machining Technology Lab I	5
	Credits	**16**
SEMESTER 2		
ATEC-117	Occupational Relations and Job Search	2
CAOT-165	Productivity Software for Technical Programs	1
MDET-115	Basic Mechanical Design	4
MDET-120	Intermediate SolidWorks	3
GEM 1 - A.A.S. Written Communication		3-4
	Credits	**13-14**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
MDET-210	Advanced SolidWorks Techniques	3
MDET-220	Geometric Dimension and Tolerancing	3
MDET-235	Statics and Strength of Materials	3
	Credits	**12**
SEMESTER 4		
ENGL-202	Technical Writing	3
MDET-215	Industrial Process	3
MDET-225	Machines and Mechanisms	3
MDET-230	Advanced Mechanical Design	4
	Credits	**13**
	Total Credits	**54-55**

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate basic three-dimensional (3D) Computer Aided Design (CAD) software commands, in a related pedagogical sequence to generate geometric constructs to create parametric feature-based geometry methodology for parts, assemblies, and drawings.

2. Use Microsoft Office for Word, Excel, and PowerPoint as well as access the internet.
3. Apply mathematical skills to plan, calculate, and execute precision measuring techniques to validate design and manufacturing applications for parts and assemblies.
4. Interpret and apply American National Standards Institute (ANSI) standards to produce detailed working drawings used in contemporary manufacturing industries.
5. Demonstrate appropriate work relationships and habits, communication and computational skills used in contemporary technical industries.
6. Demonstrate form, fit, and functional requirements with parametric feature-based modeling methodology.
7. Create, evaluate, and validate 3-D part functionality by utilizing CAD/CAM software and additive manufacturing technology.
8. Interpret, calculate, and demonstrate the application of Geometric Dimensioning & Tolerancing in accordance with AMSE Y4.5 standards.
9. Use technical mathematical skills to calculate and predict statics and strength of materials and/or Kinematic analysis for mechanisms.
10. Apply basic and intermediate design principles for mechanical design in accordance with manufacturing processes.
11. Demonstrate product cycle methodology, incorporating accumulated curriculum skill sets to plan, design, construct, for final design project.
12. Demonstrate ability to think quantitatively, evaluate data, and draw conclusions using sound mathematical principles and practices.

Mechanical Design Engineering Technology ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Science, Technology, Engineering, and Mathematics

Description
This program teaches drafting and engineering skills through CAD and places heavy emphasis on the needs of manufacturers. All students will learn manufacturing principles with computer-aided design applications. Students are also provided the opportunity to apply the skills specifically to the machining discipline.

Requirements

SEMESTER 1		CREDITS
MCTE-105	Technical Mathematics for Machining and Computer Aided Design Technologies	3
MDET-110	SolidWorks Basic	4
MDET-150	Machining Technology Theory I	4
MDET-151L	Machining Technology Lab I	5
	Credits	**16**
SEMESTER 2		
ATEC-117	Occupational Relations and Job Search	2
CAOT-165	Productivity Software for Technical Programs	1
MDET-115	Basic Mechanical Design	4
MDET-120	Intermediate SolidWorks	3
GEM 1 - A.A.S. Written Communication		3-4
Elective Credit		1
	Credits	**14-15**
	Total Credits	**30-31**

Outcomes
Upon completion of the program, students will be able to:

1. Demonstrate basic three-dimensional (3D) Computer Aided Design (CAD) software commands, in a related pedagogical sequence to generate geometric constructs to create parametric feature-based geometry methodology for parts, assemblies, and drawings.

2. Use Microsoft Office for Word, Excel, and PowerPoint as well as access the internet.
3. Utilize mathematical skills to plan, calculate and execute precision measuring techniques to validate design and manufacturing applications for parts and assemblies.
4. Interpret and apply American National Standards Institute (ANSI) standards to produce detailed working drawings used in contemporary manufacturing industries.
5. Demonstrate appropriate work relationships and habits, communication, and computational skills used in contemporary technical industries.

Medical Receptionist ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Business

Description
A medical receptionist holds a key position in the medical office in greeting patients, scheduling appointments, processing patient information, managing the reception desk, and assisting with other administrative responsibilities. In today's modern medical office environment, the medical receptionist requires skills in human relations, data and word processing, records management, release of information, and respect for the confidential nature of patient information. Job opportunities are found in physician offices, hospitals, clinics, and government medical facilities. Characteristics for success as a medical receptionist include an interest in medicine; a desire to work with physicians and other health care professionals; the ability to multi-task and prioritize work; a positive, caring personality; high energy; and a desire to help people.

Requirements

SEMESTER 1		CREDITS
CAOT-120	Word Processing/Word I	1
CAOT-140	Database/Access I	1
CAOT-168	Integrated Medical Office Software	3
CAOT-179	Medical Terminology	2
CAOT-183	Business Editing and Proofreading	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**13**
SEMESTER 2		
BOAA-150	10-Key Skill Building	1
CAOT-115	Outlook	1
CAOT-121	Word Processing/Word II	1
CAOT-122	Word Processing/Word III	1
CAOT-130	Spreadsheets/Excel I	1
CAOT-205	Business Document Formatting/ Transcription	2
CAOT-210	Office Procedures and Technologies	3
Select one of the following:		3-5
BLDR-120	Financial Business Applications	
GEM 3 - Mathematical Ways of Knowing		
	Credits	**13-15**
SEMESTER 3		
CAOT-150	PowerPoint	1
CAOT-164	Computer Fundamentals for Technical Programs	1
CAOT-166	Living Online for Technical Programs	1
CAOT-184	Records Systems Management	3
CAOT-204	Career Leadership	1
CAOT-290	Medical Administrative Support Internship	3
HCIT-180	Medical Law and Ethics	3
	Credits	**13**
	Total Credits	**39-41**

Outcomes

Upon completion of the program, students should be able to:

1. Perform health care office procedures that include scheduling, bookkeeping, billing and payment collection by utilizing a working knowledge of medical terminology, body systems, common medications, electronic health records and insurance.
2. Compose, edit, proofread, and accurately produce health care and other business documents using appropriate software and equipment within specified timelines.
3. Uphold legal and ethical standards and adhere to principles of patient confidentiality within the health care and community environment as defined by HIPAA.

Medical Administrative Assistant AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Business

Description
For those who have always been interested in the medical field but find their strengths lie in clerical administration, a career as a medical administrative assistant could be the perfect choice. Medical administrative assistants combine clerical skills and word processing with specialization in medical terminology. Physicians rely on medical administrative assistants to help them in the documentation of patient care. The medical administrative assistant's job, using the latest technology, may include transcribing business documents, composing and processing correspondence, maintaining financial records, greeting and scheduling patients, and other related duties. Strong human relation skills are a must in this field. The student will be provided the opportunity to develop skills to gain employment in clinics, private medical practices, hospitals, nursing homes, and a variety of other health care facilities. With experience, the graduate may advance to office manager or department supervisor.

Requirements

SEMESTER 1		CREDITS
CAOT-120	Word Processing/Word I	1
CAOT-121	Word Processing/Word II	1
CAOT-164	Computer Fundamentals for Technical Programs	1
CAOT-166	Living Online for Technical Programs	1
CAOT-179	Medical Terminology	2
CAOT-183	Business Editing and Proofreading	3
ENGL-101	Writing and Rhetoric I	3
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**15**
SEMESTER 2		
CAOT-115	Outlook	1
CAOT-122	Word Processing/Word III	1
CAOT-140	Database/Access I	1
CAOT-168	Integrated Medical Office Software	3
CAOT-205	Business Document Formatting/ Transcription	2
COMM-101	Fundamentals of Oral Communication	3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**14-16**
SEMESTER 3		
BOAA-110 or ACCT-201*	Small Business Accounting or Principles of Accounting	3
BOAA-150	10-Key Skill Building	1
CAOT-130	Spreadsheets/Excel I	1
CAOT-131	Spreadsheets/Excel II	1
CAOT-132	Spreadsheets/Excel III	1
CAOT-150	PowerPoint	1
CAOT-184	Records Systems Management	3
CAOT-204	Career Leadership	1
HCIT-180	Medical Law and Ethics	3

SEMESTER 1		CREDITS
	Credits	**15**
SEMESTER 4		
BLDR-120	Financial Business Applications	3
CAOT-210	Office Procedures and Technologies	3
CAOT-290	Medical Administrative Support Internship	3
A.A.S. Institutionally Designated		3-5
Select two of the following:		6
BLDR-132	Employee Benefits and Compensation	
BOAA-140	QuickBooks	
CAOT-123	AI Essentials in the Workplace	
CAOT-124	Social Media Marketing	
	Credits	**18-20**
Total Credits		**62-66**

*Students intending to obtain a four-year degree should take ACCT-201 Principles of Accounting.

Outcomes

Upon completion of the program, students should be able to:

1. Perform medical administrative support functions including scheduling, records management, financial transactions, and communication.
2. Compose, edit, proofread, and accurately produce health care and other business documents using appropriate software and equipment within specified timelines.
3. Apply knowledge of medical word parts, abbreviations, and terminology related to body systems, diseases, procedures, and pharmacology to accurately interpret, spell, and use medical language in administrative healthcare settings.
4. Apply legal and ethical standards and adhere to principles of patient confidentiality within the health care and community environment as defined by HIPAA.
5. Apply specialized computer programs including practice management/electronic health record (PM/EHR) and the Microsoft Office Suite.

6. Demonstrate professionalism through appropriate workplace behaviors, including a positive attitude, effective organization and time management, professional attire, and skills developed through classroom instruction and internship experience.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Medical Billing Specialist AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Business

Description
The medical billing specialist program is designed to prepare individuals for entry-level positions processing and managing third-party reimbursement and managing patient accounts receivables in a variety of health care settings. Physician practices, clinics, health maintenance organizations, and other health care entities including private billing services are all employment options. The Associate of Applied Science degree in Medical Billing Specialist includes both theoretical and practical laboratory instruction. Students will complete general education courses and courses in medical terminology, coding, insurance reimbursement, medicolegal issues, manual and computerized accounting, and credit and collections. In the final semester of the program, the student has the opportunity to take and earn the National Healthcare Association (NHA) Certified Billing and Coding Specialist (CBCS) credential exam. With a variety of career experiences, a professional medical billing specialist may pursue a Certified Coding Associate (CCA) credential by passing the national certification examination administered by the American Health Information Management Association (AHIMA) or the Certified Professional Coder (CPC) credential by passing the national certification examination administered by the American Academy of Professional Coders (AAPC). The medical billing specialist pursues a lifelong program of continuing education.

Requirements

SEMESTER 1		CREDITS
BOAA-110	Small Business Accounting*	3
BOAA-150	10-Key Skill Building	1
CAOT-120	Word Processing/Word I	1
CAOT-130	Spreadsheets/Excel I	1
CAOT-164	Computer Fundamentals for Technical Programs	1
CAOT-179	Medical Terminology	2
ENGL-101	Writing and Rhetoric I	3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**15-17**
SEMESTER 2		
BOAA-111	Small Business Accounting II	3
CAOT-121	Word Processing/Word II	1
CAOT-123	AI Essentials for the Workplace	3
CAOT-131	Spreadsheets/Excel II	1
CAOT-132	Spreadsheets/Excel III	1
CAOT-168	Integrated Medical Office Software	3
CAOT-186	Medical Coding	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**18**
SEMESTER 3		
BOAA-140	QuickBooks	3
CAOT-122	Word Processing/Word III	1
CAOT-140	Database/Access I	1
CAOT-166	Living Online for Technical Programs	1
CAOT-183	Business Editing and Proofreading	3
CAOT-204	Career Leadership	1
CAOT-210	Office Procedures and Technologies	3
HCIT-180	Medical Law and Ethics	3
	Credits	**16**

SEMESTER 1		CREDITS
SEMESTER 4		
CAOT-115	Outlook	1
CAOT-184	Records Systems Management	3
CAOT-205	Business Document Formatting/ Transcription	2
CAOT-291	Medical Billing Specialist Internship I	3
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
A.A.S. Institutionally Designated		3-5
	Credits	**15-17**
Total Credits		**64-68**

*Students intending to obtain a four-year degree in accounting should take ACCT-201, Principles of Accounting.

Outcomes

Upon completion of the program, students should be able to:

1. Perform health care office procedures that include scheduling, bookkeeping, billing and payment collection by utilizing a working knowledge of medical terminology, body systems, common medications, electronic health records and insurance.
2. Assign diagnostic and procedure codes using ICD and HCPCS/CPT coding systems as used in a variety of health care settings.
3. Apply legal and ethical standards and adhere to principles of patient confidentiality within the health care and community environment as defined by HIPAA.
4. Use specialized computer programs including practice management/electronic health record (PM/EHR) and the Microsoft Office Suite.
5. Demonstrate professionalism through acceptable attitude, organization and time management skills, and attire.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Pre-Medical Related Fields AS

Overview

Degree/Certificate

Associate of Science

Interest Areas

Health Professions

Description

The pre-medical field has a wide variety of options, including Pre-Dental Hygiene, Pre-Medical/Pre-Dental Studies, Pre-Optometry, Pre-Pharmacy, Radiologic Technology, Respiratory Therapy, Radiographic Science, Speech Pathology and Audiology, and Sports Medicine. Most professional school admission requirements will be satisfied with a baccalaureate degree in biology or chemistry with substantial coursework in other disciplines. Professional schools are extremely competitive. It is important to contact an advisor at your transfer institution. Completion of the following courses results in an associate's degree with an area of emphasis in Pre-Medical Related Fields. Course selection should be tailored to match requirements of the transfer institution.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
BACT-250	General Microbiology	4
BIOL-115	Introduction to Life Sciences	4
BIOL-227	Human Anatomy and Physiology I	4
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
CHEM-111	General Chemistry I	5
CHEM-112	Principles of General College Chemistry II	5
MATH-170	Calculus I	4
PHYS-111	General Physics I	4
PHYS-112	General Physics II	4
Total Credits		**63-65**

*****This General Education Requirement is met by the Program Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		**CREDITS**
MATH-170	Calculus I	4
CHEM-111	General Chemistry I	5
ENGL-101	Writing and Rhetoric I	3
PHYS-111	General Physics I	4
	Credits	**16**
SEMESTER 2		
BIOL-115	Introduction to Life Sciences	4
CHEM-112	Principles of General College Chemistry II	5
ENGL-102	Writing and Rhetoric II	3
PHYS-112	General Physics II	4
	Credits	**16**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
BIOL-227	Human Anatomy and Physiology I	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**14-16**
SEMESTER 4		
BACT-250	General Microbiology	4
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**17**
	Total Credits	**63-65**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
ENGL-101	Writing and Rhetoric I	3
MATH-170	Calculus I	4
	Credits	**12**
SEMESTER 2		
BIOL-115	Introduction to Life Sciences	4
CHEM-112	Principles of General College Chemistry II	5
ENGL-102	Writing and Rhetoric II	3
	Credits	**12**
SEMESTER 3		
BIOL-227	Human Anatomy and Physiology I	4
COMM-101	Fundamentals of Oral Communication	3
PHYS-111	General Physics I	4
	Credits	**11**
SEMESTER 4		
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
PHYS-112	General Physics II (Spring only)	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**11**
SEMESTER 5		
BACT-250	General Microbiology	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**10**
SEMESTER 6		
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
GEM 7W - Wellness		1-3
	Credits	**7-9**
	Total Credits	**63-65**

Medical Laboratory Technology AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Health Professions

Description
The Medical Laboratory Technology (MLT) program prepares graduates to work as medical lab technicians qualified to perform various laboratory procedures, including low-, medium-, and high-complexity testing. The MLT program includes instruction in the laboratory disciplines of microbiology, hematology, medical chemistry, transfusion medicine, urinalysis, and lab operations. Coursework includes online didactic classes, student laboratory, and clinical internships. The state of Idaho offers the MLT program through a consortium of community colleges, namely North Idaho College (NIC), College of Southern Idaho (CSI), and College of Eastern Idaho (CEI). The Idaho Consortium of Medical Laboratory Technology (ICMLTE) admits up to thirty-six (36) students to the professional component of the program each fall for a spring semester cohort start date. A maximum number of sixteen (16) students will be admitted to NIC, ten (10) to CSI, and ten (10) to CEI each spring Upon completion of the program, students are eligible to sit for the national certification examination test through the American Society of Clinical Pathology (ASCP) or American Medical Technologists (AMT). The MLT A.A.S. degree provides pathways to both MLT and Medical Laboratory Scientist (MLS) certifications. These certifications enhance opportunities for employment in clinical laboratories. The MLT program is a competitive admissions program and has prerequisite course requirements. Students must have completed a minimum of 14 semester credits (21 quarter credits) of specific laboratory/math/science courses prior to the professional component start date. Students must also have completed ENGL-101 or higher and/or have tested out of this requirement prior to the professional component start date. A minimum grade point average of C/2.0 is required in all MLT courses.

Requirements

Note: *A minimum grade of C / 2.0 is required in all MLT courses.*

PREREQUISITES		CREDITS
GEM 1 - A.A.S. Written Communication		3-4
GEM 2 - A.A.S. Oral Communication		3
GEM 3 - A.A.S. Mathematical Ways of Knowing*		3-5
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
BACT-250	General Microbiology	4
Select one of the following:		4
BIOL-115	Introduction to Life Sciences	
BIOL-175	Human Biology	
BIOL-227	Human Anatomy and Physiology I	
Select one of the following:		4-5
CHEM-101	Introduction to Chemistry	
CHEM-111	General Chemistry I	
Select one of the following:		3-5
CHEM-102	Essentials of Organic and Biochemistry	
CHEM-112	Principles of General College Chemistry II	
CHEM-275	Carbon Compounds	
	Credits	**27-33**
SEMESTER 1		
MLT-100	Phlebotomy	2
MLT-124	Medical Lab Fundamentals	3
MLT-214	Hematology and Hemostasis	4
MLT-222	Basic Concepts in Transfusion Medicine	4
	Credits	**13**
SEMESTER 2		
MLT-218	Medical Lab Chemistry	4
MLT-225	Parasitology, Mycology and Virology	2
	Credits	**6**
SEMESTER 3		
MLT-112	Urinalysis and Other Body Fluids	2
MLT-221	Medical Laboratory Microbiology	4
MLT-224	Advanced Medical Laboratory Technology Student Lab Practice	3
MLT-226	Immunology and Laboratory Operations	4

PREREQUISITES		CREDITS
	Credits	**13**
SEMESTER 4		
MLT-250	Capstone Seminar and Exam Review	5
MLT-291	Internship I	4
MLT-292	Internship II	4
	Credits	**13**
	Total Credits	**72-78**

*MATH-143 or higher GEM 3 Mathematical Ways of Knowing.

Outcomes

Upon completion of the program, students will be able to:

1. Be clinically competent.
    1. Students will demonstrate the skills necessary to perform entry level competencies as a medical lab technician with routine medical laboratory tests in areas such as Chemistry, Hematology and Hemostasis, Immunology, Blood Banking, Microbiology, Urine and Body Fluid Analysis, and Laboratory Operations.
2. Have appropriate critical decision skills.
    1. Students will correlate the data used in all types of simple to complex laboratory testing.
    2. Students will recognize routine and non-routine issues in pre-analytical, analytical, post-analytical lab processes.
3. Exhibit professionalism.
    1. Students will demonstrate professional and ethical behavior by membership and active participation in laboratory or related professional organizations.
    2. Students will model professional conduct by: respecting the feelings and needs of others, protecting the confidence of patient information, and not allowing personal concerns and biases to interfere with the welfare of patients
4. Utilize appropriate communication and interpersonal skills.
    1. Students will demonstrate effective communication skills to ensure accurate and appropriate information transfer.
    2. Students will professionally and accurately report laboratory results, adapt communication to their audience and work with all members of the healthcare team.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Industrial Mechanic/Millwright ITC

Overview

Degree/Certificate

Interm Technical Certificate

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

This 11-month program prepares students for employment as industrial plant maintenance mechanics or millwrights. Students learn the basics of maintenance, fabrication, installation and alignment of equipment used in modern industrial and manufacturing plants. Theory classes provide technical information pertaining to welding, hydraulics, electricity, rigging, pipe fitting, mechanical drive/ transmission systems, pumps and equipment installation and alignment. Laboratory classes teach students to skillfully perform welding and fabrication tasks as well as the maintenance of hydraulic, electro/mechanical systems. The well-equipped lab includes the latest technology in laser alignment of rotating equipment. Blueprint reading and shop math are taught and used in all areas of training. A general education component of English, occupational relations and math is integrated into the program. Successful completion of the first semester or instructor permission is required to continue into the second semester and summer session. Interested students should possess basic math skills (knowledge of basic Algebra and Geometry), Reading skills, and have a keen interest in mechanics. Placement in specific English and math classes is determined by the college assessment test.

Requirements

SEMESTER 1		CREDITS
MM-150	Industrial Mechanics I	8
MM-151L	Industrial Mechanics Lab I	5
MM-155	Industrial Blueprints	2
MCTE-106	Technical Mathematics for Industrial Mechanic/Millwright; HVAC; Welding	3
	Credits	**18**
SEMESTER 2		
ATEC-117	Occupational Relations and Job Search	2
MM-152	Industrial Mechanics II	7
MM-152L	Industrial Mechanics Lab II	5
MM-156	Industrial Hydraulics	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**20**
SUMMER 1		
MM-153	Industrial Mechanics III	2
MM-153L	Industrial Mechanics Lab III	4
	Credits	**6**
	Total Credits	**44**

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate safe work habits based on industry standards.
2. Recognize, maintain, and safely use hand, power, and precision measuring tools common to the industrial plant maintenance mechanic.
3. Identify and select appropriate fasteners used in common assembly and disassembly of mechanical devices.
4. Analyze, select, and demonstrate the use of proper rigging to safely lift and move heavy equipment.
5. Install, level, and align equipment and machinery according to industry standards.
6. Identify pipes and associated fittings and valves, and demonstrate the ability to thread, fit, and repair piping systems.
7. Install, maintain, and troubleshoot belt-, chain-, and gear-driven equipment.
8. Identify, install, and precision align couplings and shafts.
9. Identify, fit, and maintain bearings.
10. Install, maintain, and troubleshoot centrifugal pumps.
11. Understand general maintenance and repair of compressors.
12. Demonstrate the ability to safely maintain and troubleshoot simple electric motor and control circuits.
13. Demonstrate competent skills using cutting and welding processes to repair and maintain industry equipment.
14. Install, maintain, and troubleshoot hydraulic systems.
15. Visualize and interpret industry blueprints.
16. Demonstrate the ability to solve problems using basic math, algebra, geometry, and trigonometry concepts.
17. Identify and demonstrate basic skills needed to function effectively in the workplace.
18. Develop interactive workplace communications and apply to relationships appropriate to procedures in an industrial plant work environment.

Music AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Arts and Communication

Description
This program is designed for students who wish to pursue a professional career in music by providing the necessary background in music theory, history, and performance. Students also may pursue their musical interests as an avocation through the program. Music courses promote skills which prepare students for fields outside of music, emphasizing communication, literary, physical, technical, and business skills. There are no program prerequisites. Previous experience in high school or community music programs is helpful. Students interested in scholarships must audition and selection is based on performance, grades, and letters of recommendation.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing*		3
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness**		0
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
MUSA-145	Piano Class I	1
MUSA-146	Piano Class II	1
MUSA-245	Piano Class III	1
MUSA-246	Piano Class IV	1
MUSC-117	Music Convocation	0
MUSC-141	Harmony and Theory I	3
MUSC-141L	Harmony and Theory I Lab	1
MUSC-142	Harmony and Theory II	3
MUSC-142L	Harmony and Theory II Lab	1
MUSC-241	Harmony and Theory III	3
MUSC-241L	Harmony and Theory III Lab	1
MUSC-242	Harmony and Theory IV	3
MUSC-242L	Harmony and Theory IV Lab	1
MUSI-100	Introduction to Music	3
Select one musical ensemble course each semester from the following:		4-6
MUSP-102	Cardinal Voices - Commercial Music Ensemble	
MUSP-103	North Idaho College Cardinal Chorale	
MUSP-106	North Idaho College Wind Symphony	
MUSP-107	Cardinal Pep Band	
MUSP-110M	Chamber Singers	
MUSP-111C	Chamber Ensemble	
MUSP-111O	Cardinal Chamber Orchestra	
MUSP-113	North Idaho College Jazz Ensemble	
Select eight credits from the following:		8
MUSA-124A	Individual Instruction: Voice	
MUSA-124B	Individual Instruction: Piano	
MUSA-124C	Individual Instruction: Jazz Piano	
MUSA-124D	Individual Instruction: General Guitar	
MUSA-124E	Individual Instruction: Classical Guitar	
MUSA-124F	Individual Instruction: Flute	
MUSA-124G	Individual Instruction: Oboe	
MUSA-124H	Individual Instruction: Clarinet	
MUSA-124I	Individual Instruction: Saxophone	
MUSA-124J	Individual Instruction: Bassoon	
MUSA-124K	Individual Instruction: Trumpet	
MUSA-124L	Individual Instruction: Horn	
MUSA-124M	Individual Instruction: Trombone	
MUSA-124N	Individual Instruction: Euphonium	
MUSA-124O	Individual Instruction: Tuba	
MUSA-124P	Individual Instruction: Violin	
MUSA-124Q	Individual Instruction: Viola	
MUSA-124R	Individual Instruction: Cello	
MUSA-124S	Individual Instruction: String Bass	
MUSA-124T	Individual Instruction: Electric Bass	
MUSA-124U	Individual Instruction: Percussion	
MUSA-124V	Individual Instruction: Harp	
MUSA-124Z	Individual Instruction: Composition	
Total Credits		**67-71**

*This General Education Requirement is partially met by the Program Requirements.

**This General Education Requirement is met by the Program Requirements.

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate a mastery of a primary instrument or voice at a minimum of an intermediate level.
2. Demonstrate competence in basic piano playing skills and an ability to transfer music theory concepts to the keyboard.
3. Demonstrate a knowledge of harmonic and melodic structures of music in the common practice period and the 20th century, as well as basic music sight reading and dictation skills.
4. Demonstrate a basic knowledge of the history and literature of western music.
5. Demonstrate the ability to perform music literature from a wide variety of historical periods, cultures, languages, and stylistic periods through performance in various musical ensembles.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
MUSC-141	Harmony and Theory I	3
MUSC-141L	Harmony and Theory I Lab	1
MUSA-145	Piano Class I	1
MUSC-117	Music Convocation	0
ENGL-101	Writing and Rhetoric I	3
MUSA-124 Individual Instruction		2
MUSP Music Performance		1
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**14-16**
SEMESTER 2		
MUSC-142	Harmony and Theory II	3
MUSC-142L	Harmony and Theory II Lab	1
MUSA-146	Piano Class II	1
MUSC-117	Music Convocation	0
MUSI-100	Introduction to Music	3
ENGL-102	Writing and Rhetoric II	3
COMM-101	Fundamentals of Oral Communication	3
MUSA 124 Individual Instruction		2
MUSP Music Performance		1-2
	Credits	**17-18**
SEMESTER 3		
MUSC-241	Harmony and Theory III	3
MUSC-241L	Harmony and Theory III Lab	1
MUSA-245	Piano Class III	1
MUSC-117	Music Convocation	0
MUSA 124 Individual Instruction		2
MUSP Music Performance		1
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**18**
SEMESTER 4		

SEMESTER 1		CREDITS
MUSC-242	Harmony and Theory IV	3
MUSC-242L	Harmony and Theory IV Lab	1
MUSA-246	Piano Class IV	1
MUSC-117	Music Convocation	0
MUSA 124 Individual Instruction		2
MUSP Music Performance		1-2
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**18-19**
	Total Credits	**67-71**

Part-Time Pathway

Part-Time Pathway

5-Semester Plan

SEMESTER 1		CREDITS
MUSC-141	Harmony and Theory I	3
MUSC-141L	Harmony and Theory I Lab	1
MUSA-145	Piano Class I	1
MUSC-117	Music Convocation	0
MUSI-100	Introduction to Music	3
MUSA 124 Individual Instruction		2
MUSP Music Performance		1
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**14-16**
SEMESTER 2		
MUSC-142	Harmony and Theory II	3
MUSC-142L	Harmony and Theory II Lab	1
MUSA-146	Piano Class II	1
MUSC-117	Music Convocation	0
ENGL-101	Writing and Rhetoric I	3
COMM-101	Fundamentals of Oral Communication	3
MUSA 124 Individual Instruction		2
MUSP Music Performance		1
	Credits	**14**
SEMESTER 3		
MUSC-241	Harmony and Theory III	3
MUSC-241L	Harmony and Theory III Lab	1
MUSA-245	Piano Class III	1
MUSC-117	Music Convocation	0
ENGL-102	Writing and Rhetoric II	3
MUSA 124 Individual Instruction		2
MUSP Music Performance		1
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**14**
SEMESTER 4		
MUSC-242	Harmony and Theory IV	3
MUSC-242L	Harmony and Theory IV Lab	1

SEMESTER 1		CREDITS
MUSA-246	Piano Class IV	1
MUSC-117	Music Convocation	0
MUSA 124 Individual Instruction		2
MUSP Music Performance		1
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15**
SEMESTER 5		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
Recommend Individual Instruction and Music Performance		0-2
MUSA 124 Individual Instruction		
MUSP Music Performance		
	Credits	**10-12**
	Total Credits	**67-71**

6-Semester Plan

SEMESTER 1		CREDITS
MUSC-141	Harmony and Theory I	3
MUSC-141L	Harmony and Theory I Lab	1
MUSA-145	Piano Class I	1
MUSC-117	Music Convocation	0
GEM 3 - Mathematical Ways of Knowing		3-5
MUSA 124 Individual Instruction		2
MUSP Music Performance		1
	Credits	**11-13**
SEMESTER 2		
MUSC-142	Harmony and Theory II	3
MUSC-142L	Harmony and Theory II Lab	1
MUSA-146	Piano Class II	1
MUSC-117	Music Convocation	0
ENGL-101	Writing and Rhetoric I	3
MUSA 124 Individual Instruction		2
MUSP Music Performance		1
	Credits	**11**
SEMESTER 3		
MUSC-241	Harmony and Theory III	3
MUSC-241L	Harmony and Theory III Lab	1
MUSA-245	Piano Class III	1
MUSC-117	Music Convocation	0
ENGL-102	Writing and Rhetoric II	3
MUSA 124 Individual Instruction		2
MUSP Music Performance		1
	Credits	**11**
SEMESTER 4		
MUSC-242	Harmony and Theory IV	3
MUSC-242L	Harmony and Theory IV Lab	1
MUSA-246	Piano Class IV	1
MUSC-117	Music Convocation	0
MUSI-100	Introduction to Music	3

SEMESTER 1		CREDITS
MUSA 124 Individual Instruction		2
MUSP Music Performance		1
	Credits	**11**
SEMESTER 5		
COMM-101	Fundamentals of Oral Communication	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
Recommend Individual Instruction and Music Performance		0-2
MUSA 124 Individual Instruction		
MUSP Music Performance		
	Credits	**10-12**
SEMESTER 6		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
Recommend Individual Instruction and Music Performance		0
MUSA 124 Individual Instruction		
MUSP Music Performance		
	Credits	**13**
	Total Credits	**67-71**

Music Performance AC

Overview

Degree/Certificate
Academic Certificate

Interest Areas
Arts and Communication

Description
This certificate is designed for students who would like to gain foundational skills in music by engaging in music performance and theory courses. There are no program requisites. Previous experience in high school or community music programs is helpful.

Requirements

SUBJECT/ NUMBER	TITLE	CREDITS
MUSA-145	Piano Class I	1
MUSA-146	Piano Class II	1
MUSC-117	Music Convocation (each semester)	0
MUSC-141	Harmony and Theory I	3
MUSC-141L	Harmony and Theory I Lab	1
MUSC-142	Harmony and Theory II	3
MUSC-142L	Harmony and Theory II Lab	1
MUSI-100	Introduction to Music	3
Music - Applied Instruction		4-8
Music - Performance		2
Elective		3
Total Credits		**22-26**

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate the ability to collaborate with fellow musicians through performance in musical ensembles.
2. Demonstrate a competence of a primary instrument or voice at a minimum of an early intermediate level.
3. Demonstrate competence in basic piano playing skills and an ability to transfer music theory concepts to the keyboard.
4. Demonstrate a knowledge of fundamentals of music theory, as well as basic music sight reading and dictation skills.

5. Demonstrate a basic knowledge of the history and literature of western music.

Natural Resources AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Science, Technology, Engineering, and Mathematics

Description
This program provides required coursework for students interested in pursuing a career in natural resource management. The program acquaints students with the physical-biological and social sciences as well as the humanities. The curriculum provides a basis of general education and scientific-professional courses addressing the use of forests, rangelands, and related natural resources. Completion of the following courses results in an associate's degree with an area of emphasis in Natural Resources. The required coursework normally fulfills the first half of a bachelor's degree in natural resource management for a variety of disciplines including Forestry, Wildlife, Fisheries, Range Management, and Conservation Biology. Course selection should be tailored to match the requirements defined by the intended transfer institution.

Requirements

General Education		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing*		3
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7 - Institutionally Designated		
GEM 7I - Institutionally Designated		
Program Requirements		
BIOL-101	Introduction to Natural Resources	1
BIOL-114	Organisms and Environments	4
or BIOL-115	Introduction to Life Sciences	
BIOL-221	Forest Ecology	4
or BIOL-231	General Ecology	
CHEM-101	Introduction to Chemistry	4-5
or CHEM-111	General Chemistry I	
ECON-202	Principles of Microeconomics	3
MATH-143	Precalculus I: Algebra	3-4
or MATH-160	Survey of Calculus	
or MATH-170	Calculus I	
MATH-253	Statistical Methods	3
Program Electives**		**16**
BACT-250	General Microbiology	
BIOL-114	Organisms and Environments	
BIOL-115	Introduction to Life Sciences	
BIOL-251	Principles of Range Resources Management	
BIOL-290	Principles of Wildlife Biology	
BTNY-203	General Botany	
BTNY-241	Systematic Botany	
CHEM-111	General Chemistry I	

CHEM-112	Principles of General College Chemistry II	
CHEM-275	Carbon Compounds	
CHEM-277	Organic Chemistry I	
CHEM-278	Organic Chemistry I Lab	
CHEM-287	Organic Chemistry II	
CHEM-288	Organic Chemistry II Lab	
GEOG-100	Physical Geography	
GEOL-101	Physical Geology	
GIST-271	Introduction to Geographic Information Science and Technology Using GIS (Geographic Information Systems)	
PHYS-111	General Physics I	
PHYS-112	General Physics II	
ZOOL-202	General Zoology	
Total Credits		**60-64**

*This General Education Requirement is met by the Program Requirements.

**Select courses based on major and/or intended transfer institution.

Outcomes

Upon completion of the program, students will be able to:

1. Describe ecological processes that influence organisms and ecosystem change and how these impact the future sustainability of natural resources.
2. Describe how the use, management, and allocation of natural resources are impacted by legislation, economic, biological, and societal factors.
3. Communicate effectively, orally, and in writing with audiences of diverse backgrounds the management of natural resources.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		**CREDITS**
BIOL-101	Introduction to Natural Resources	1
CHEM-101 or CHEM-111	Introduction to Chemistry or General Chemistry I	4-5
ENGL-101	Writing and Rhetoric I	3
MATH-143 or MATH-160 or MATH-170	Precalculus I: Algebra or Survey of Calculus or Calculus I	3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**14-16**
SEMESTER 2		
BIOL-114 or BIOL-115	Organisms and Environments or Introduction to Life Sciences	4
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
MATH-253	Statistical Methods	3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**16**
SEMESTER 3		
ECON-202	Principles of Microeconomics	3
Program Electives		8
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**14**
SEMESTER 4		
BIOL-221 or BIOL-231	Forest Ecology or General Ecology	4
Program Electives		8
GEM 7I - Institutionally Designated		3
GEM 7W - Wellness		1-3
	Credits	**16-18**
	Total Credits	**60-64**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
BIOL-101	Introduction to Natural Resources	1
MATH-143 or MATH-160 or MATH-170	Precalculus I: Algebra or Survey of Calculus or Calculus I	3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**7-8**
SEMESTER 2		
CHEM-101 or CHEM-111	Introduction to Chemistry or General Chemistry I	4-5
MATH-253	Statistical Methods	3
	Credits	**7-8**
SUMMER 1		
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
	Credits	**6**
SEMESTER 3		
BIOL-114 or BIOL-115	Organisms and Environments or Introduction to Life Sciences	4
ENGL-102	Writing and Rhetoric II	3
GEM 7W - Wellness		1-3
	Credits	**8-10**
SEMESTER 4		
BIOL-221 or BIOL-231	Forest Ecology or General Ecology	4
Program Electives		4
	Credits	**8**
SUMMER 2		
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**6**
SEMESTER 5		
ECON-202	Principles of Microeconomics	3
Program Electives		6

SEMESTER 1		CREDITS
	Credits	**9**
SEMESTER 6		
Program Electives		6
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**9**
	Total Credits	**60-64**

Pre-Nutrition AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Health Professions

Description
This program is for students who love science, think critically, and want to help others live healthier lives. The required coursework is designed specifically for students who plan on transferring to the University of Idaho to complete a bachelor's degree in Food and Nutrition.

Completion of the following courses results in an Associate of Science Degree with an area of emphasis in Pre-Nutrition. Course selection should be tailored to match requirements defined by intended transfer institution.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing*		0
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
BACT-250	General Microbiology	4
BIOL-170	Introductory Foods	3
BIOL-170L	Introductory Foods Lab	1
BIOL-207	Concepts in Human Nutrition	3
BIOL-227	Human Anatomy and Physiology I	4
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
CHEM-101	Introduction to Chemistry	4
CHEM-275	Carbon Compounds	3
MATH-143	Precalculus I: Algebra	3
MATH-253	Statistical Methods	3
PSYC-101	Introduction to Psychology	3
PSYC-205	Developmental Psychology	3
SOC-101	Introduction to Sociology	3
Total Credits		**60-62**

*This General Education Requirement is met by the Program Requirements.

Full-Time Pathway

Part-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
CHEM-101	Introduction to Chemistry	4
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
MATH-143	Precalculus I: Algebra	3
SOC-101	Introduction to Sociology	3
	Credits	**16**
SEMESTER 2		
BIOL-170 & 170L	Introductory Foods and Introductory Foods Lab	4
BIOL-207	Concepts in Human Nutrition	3
ENGL-102	Writing and Rhetoric II	3
MATH-253	Statistical Methods	3
PSYC-101	Introduction to Psychology	3
	Credits	**16**
SEMESTER 3		
CHEM-275	Carbon Compounds	3
BIOL-227	Human Anatomy and Physiology I	4
PSYC-205	Developmental Psychology	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**14-16**
SEMESTER 4		
BACT-250	General Microbiology	4
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**14**
	Total Credits	**60-62**

Part-Time Pathway

SEMESTER 1		CREDITS
CHEM-101	Introduction to Chemistry	4
ENGL-101	Writing and Rhetoric I	3
MATH-143	Precalculus I: Algebra	3
	Credits	**10**
SEMESTER 2		
BIOL-207	Concepts in Human Nutrition	3
ENGL-102	Writing and Rhetoric II	3
MATH-253	Statistical Methods	3
	Credits	**9**
SEMESTER 3		
BIOL-227	Human Anatomy and Physiology I	4
CHEM-275	Carbon Compounds	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**10**
SEMESTER 4		
BIOL-170 & 170L	Introductory Foods and Introductory Foods Lab	4
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
PSYC-101	Introduction to Psychology	3
	Credits	**11**
SEMESTER 5		
BACT-250	General Microbiology	4
PSYC-205	Developmental Psychology	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**11-13**
SEMESTER 6		
SOC-101	Introduction to Sociology	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**9**
	Total Credits	**60-62**

Practical Nursing ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Health Professions

Description

This 11-month program prepares students for entry-level employment as practical nurses (PN) in hospitals, urgent care clinics, physician offices, home health care and long-term facilities.

The curriculum includes basic and clinical foundations of nursing, including medical and surgical nursing, maternal, care of infants and children, psychiatric nursing, pharmacology, and geriatrics.

Upon completion of the program, graduates are eligible to take the National Council Licensure Examination (NCLEX-PN) to obtain their PN license. Students who wish to continue to the RN level should consult with their advisor for those program requirements. This program has a competitive admission process. See the NIC PN website for application information. This program is offered in cooperation with clinical facilities in Idaho and Washington and the Idaho and Washington Boards of Nursing.

Requirements

SEMESTER 1		**CREDITS**
CAOT-179	Medical Terminology	2
ENGL-101	Writing and Rhetoric I	3
MCTE-102	Computational Skills for Allied Health	3
PHAR-150	Introduction to Pharmacology	3
PSYC-101	Introduction to Psychology	3
BIOL-175 or BIOL-227 ***and*** BIOL-228	Human Biology or Human Anatomy and Physiology I ***and*** Human Anatomy and Physiology II With Cadaver	4-8
	Credits	**18-22**
SEMESTER 2		
ALTH-107	Communication for Health Professionals	1
PN-110	Practical Nursing Theory I	6
PN-110L	Practical Nursing Lab 1	5
	Credits	**12**
SEMESTER 3		
PN-111	Practical Nursing Theory II	7
PN-111L	Practical Nursing Lab II	5
	Credits	**12**
SEMESTER 4		
PN-112	Practical Nursing Theory III	2
PN-112L	Practical Nursing Lab III	4
	Credits	**6**
	Total Credits	**48-52**

Outcomes

Upon successful completion, students will be able to:

1. Provide safe, holistic, and compassionate care that recognizes the patient or family as the source of control, assisting in the development and implementation of individualized plans of care.

2. Collaborate effectively with patients, support systems, and members of the healthcare team by communicating clearly and contributing to coordinated, team-based care that promotes optimal patient outcomes.

3. Demonstrate professional accountability and integrity by upholding legal and ethical standards of practical nursing while integrating best current evidence, clinical expertise, and patient/family preferences to deliver safe, effective, and patient-centered care.

4. Seek information about care outcomes for various populations and describe approaches for improving and changing care processes to enhance quality and patient outcomes.

5. Practice in a manner that minimizes risk of harm to patients and healthcare team members by following established safety and infection control procedures and maintaining accountability for safe nursing care.

6. Use basic technology and electronic health records to document care and communicate with the healthcare team.

7. Exhibit accountability, integrity, and respect in all interactions. Engage in life-long learning by reflecting on practice, continuously seeking opportunities for personal and professional growth.

Registered Nursing AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Health Professions

Description

The faculty of the Associate's Degree Nursing program uphold the mission of North Idaho College in its commitment to student success, educational excellence, community engagement, and lifelong learning. The Associate's Degree Nursing program at North Idaho College commits to excellence in nursing education by developing distinguished graduate nurses who are prepared to meet the health care needs of the community and seeks to advance the profession. The curriculum includes general education courses in the arts and sciences and nursing courses, which provide nursing theory in the classroom and clinical experience in health care agencies.

Program Educational Outcomes

The graduate competencies of the Associate's Degree Nursing program are derived from the Quality and Safety for Nurses (QSEN) competencies. The intent of these principles is to arm the graduate nurse with the knowledge, skills, and attitudes (KSAs) necessary to provide optimal patient care. Upon completion of the program, the graduate will have demonstrated the ability to:

1. Recognize the patient or designee as the source of control and full partner in providing compassionate and coordinated care based on respect for patient's preference, values, and needs.
2. Function effectively within nursing and inter-professional teams, fostering open communication, mutual respect, and shared decision-making to achieve quality patient care.
3. Integrate best current evidence with clinical expertise and patient/family preferences and values for delivery of optimal health care.
4. Use data to monitor the outcomes of care processes and use improvement methods to design and test changes to continuously improve the quality and safety of health care systems.
5. Minimize risk of harm to patients and providers through both system effectiveness and individual performance.
6. Use information and technology to communicate, manage knowledge, mitigate error, and support decision-making.

Graduates are eligible to take the National Council Licensure Examination (NCLEX-RN). Passing the examination qualifies the individual to apply for licensure as a registered nurse in any state. The program prepares the graduate for employment in entry-level

positions in a variety of health care settings and areas of nursing practice. The program is designed as a transfer degree and will satisfy core requirements at Idaho public colleges and universities which offer RN to BSN programs.

The Associate's Degree Nursing program is approved by the Idaho Board of Nursing and is accredited by the Accreditation Commission for Education in Nursing, Inc. Inquiries can be made by contacting the above agencies at: Idaho Board of Nursing, P.O. Box 83720, Boise, ID 83720-0061, (208) 334-3110, *www2.state.id.us/ibn/ibnhome.htm*, and/or Accreditation Commission for Education in Nursing, Inc., 3390 Peachtree Road N.E. Suite 1400, Atlanta, GA, 30326 or *www.acenursing.org*.

The Associate's Degree Nursing program has a competitive-entry process requiring specific prerequisite courses. See below for details regarding specific requirements. It is highly recommended that potential applicants meet with an advisor as they begin planning their pre-nursing coursework.

Admission Procedures

For application deadlines, please refer to the Registered Nursing program website.

In addition to the regular college admissions requirements, students applying for the Registered Nursing program need to complete a Nursing program application, which consists of:

1. Official college transcripts.
2. Results from the entrance exam (see application packet for information on scheduling the exam).
3. Applicants who have attended any other nursing program must submit a recommendation from an instructor or administrator of that program.

Additional information regarding application periods and deadlines can be found on the NIC Nursing website.

Admission Requirements

1. If HS program or GED is in progress, then completion of 12 or more college level credits is required. Final HS transcript or GED must be received prior to starting the Nursing Program.
2. A minimum cumulative GPA of 3.0 on applicable general education requirements.
3. Meet the Associate's Degree Nursing Program Essential Abilities Policy 7.01.01.
4. TEAS adjusted individual score ≥ 58.7%.
5. If general education requirements are not completed, must be eligible to enroll in ENGL-101 or higher.
6. If general education requirements are not completed, must be eligible to enroll in a GEM 3 Math.
7. ENGL-101, GEM 3 MATH (a math course that meets the current AA or AS degree requirements), BIOL-227, PSYC-101, and COMM-101 must be completed with a C/2.0 or higher prior to starting the NURS courses.

Additional Information

Enrollment in the Nursing program is limited. Because of the number of applicants, completion of all admission requirements does not ensure acceptance into the program. Candidates for admission are selected from the pool of qualified applicants using a point-based process. Students with the highest point total will be accepted until the designated enrollment limit is reached. An alternate list will be developed using the same process.

Specific information on the selection process and point system can be found on the NIC Nursing website.

1. The additional coursework required to meet the A.S. degree requirements that are not completed at the time of admission to the Nursing program, must be completed no later than the sequence identified in the nursing curriculum in order to meet prerequisites for nursing courses. All required general education courses must be completed with a minimum grade of C (73%) and nursing courses (including INTR-250O) must be completed with a minimum grade of C+ (77%).
2. The Registrar's Office will determine transferability of courses from other colleges.
3. The Nursing Department will determine if previous nursing credits will be acceptable for transfer.
4. Advanced placement is available for Licensed Practical Nurses. Applicants must meet the same criteria and deadlines as other program applicants. In order to be eligible for advanced placement into the ADN Program, students will also need to successfully complete the LPN transition course, NURS-196. For further information, view the NIC Nursing website or contact the Nursing advisor at (208) 769-3329 for specific guidelines and further information.
5. A criminal background check will be required upon acceptance into the nursing program. Violations which

appear on the criminal background check may result in denied access to clinical sites and therefore inability to complete the program.

6. Clinical placement is subject to compliance with each healthcare organization's requirements. Students may be denied access to clinical sites based on these requirements, which could result in inability to complete the program.
7. All coursework including classroom and clinical activities may require attendance on evenings, nights and weekends.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing*		0
GEM 7 - Institutionally Designated*		0
Program Requirements		
BACT-250	General Microbiology	4
BIOL-227	Human Anatomy and Physiology I	4
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
INTR-250O	Leadership in Interprofessional Healthcare	3
NURS-115	Wellness for Care Providers	1
NURS-201	Fundamentals of Nursing	2
NURS-210	Fundamentals of Nursing Lab	2
NURS-215	Physical Assessment with Lab	1
NURS-225	Pharmacology in Nursing Practice	1
NURS-235	Psychiatric Mental Health Nursing with Lab	1
NURS-240	Nursing Care of Child-Bearing Families with Lab	2
NURS-245	Community Health Nursing	1
NURS-250	Medical Surgical Nursing I	3
NURS-255	Medical Surgical Nursing Lab I	3
NURS-260	Medical Surgical Nursing II	4
NURS-265	Medical Surgical Nursing Lab II	4
NURS-270	Transition to Nursing Practice	1
NURS-275	Transition to Nursing Practice Lab	3
PSYC-101	Introduction to Psychology	3
SOC-101	Introduction to Sociology	3
Total Credits		**68-70**

*This General Education Requirement is met by the Program Requirements.

Recommended Electives

SUBJECT/ NUMBER	TITLE	CREDITS
NURS-198	Nursing Practice Clinical Practicum	1

For students who wish to continue their education in nursing, BSN completion programs are available through colleges in Idaho, Eastern Washington, and throughout the country.

PN to RN Requirements

First year Nursing courses (NURS-115, NURS-201, NURS-210, NURS-215, NURS-225, NURS-235, NURS-250, AND NURS-255) are waived as part of the Advanced Placement program acceptance per the Director of Nursing.

PREREQUISITES		CREDITS
GEM 1 - Written Communication		6-8
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
BACT-250	General Microbiology	4
BIOL-227	Human Anatomy and Physiology I	4
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
PSYC-101	Introduction to Psychology	3
SOC-101	Introduction to Sociology	3
Electives		2
	Credits	**32-36**
SEMESTER 1		
NURS-196	LPN to RN Transition	4
	Credits	**4**
SEMESTER 2		
NURS-240	Nursing Care of Child-Bearing Families with Lab	2
NURS-260	Medical Surgical Nursing II	4
NURS-265	Medical Surgical Nursing Lab II	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**13**
SEMESTER 3		
NURS-245	Community Health Nursing	1
NURS-270	Transition to Nursing Practice	1
NURS-275	Transition to Nursing Practice Lab	3
INTR-250O	Leadership in Interprofessional Healthcare	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**11**
	Total Credits	**60-64**

Outcomes

The graduate competencies of the Associates Degree Nursing Program are derived from the Quality and Safety for Nurses (QSEN) competencies. The intent of these principles is to arm the graduate nurse with the knowledge, skills, and attitudes (KSAs) necessary to provide optimal patient care.

Upon completion of the program, students will be able to:

1. Recognize the patient or designee as the source of control and full partner in providing compassionate and coordinated care based on respect for patient's preferences, values and needs.
2. Function effectively within nursing and inter-professional teams, fostering open communication, mutual respect, and shared decision-making to achieve quality patient care.
3. Integrate best current evidence with clinical expertise and patient/family preferences and values for delivery of optimal healthcare.
4. Use data to monitor the outcomes of care processes and use improvement methods to design and test changes to continuously improve the quality and safety of healthcare systems.
5. Minimize risk of harm to patients and providers through both system effectiveness and individual performance.
6. Use information and technology to communicate, manage knowledge, mitigate error, and support decision-making.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

Note: **All general education courses must be completed with a minimum grade of C (73%) and nursing courses (including INTR-250O) must be completed with a minimum grade of C+ (77%).**

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
BIOL-227	Human Anatomy and Physiology I	4
ENGL-101	Writing and Rhetoric I	3
PSYC-101	Introduction to Psychology	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**16-18**
SEMESTER 2		
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
NURS-115	Wellness for Care Providers	1
NURS-201	Fundamentals of Nursing	2
NURS-210	Fundamentals of Nursing Lab	2
NURS-215	Physical Assessment with Lab	1
NURS-225	Pharmacology in Nursing Practice	1
SOC-101	Introduction to Sociology	3
	Credits	**14**
SUMMER 1		
NURS-198	Nursing Practice Clinical Practicum (Optional)	
	Credits	**0**
SEMESTER 3		
BACT-250	General Microbiology	4
ENGL-102	Writing and Rhetoric II	3
NURS-250	Medical Surgical Nursing I	3
NURS-255	Medical Surgical Nursing Lab I	3
NURS-235	Psychiatric Mental Health Nursing with Lab	1
	Credits	**14**
SEMESTER 4		
NURS-240	Nursing Care of Child-Bearing Families with Lab	2
NURS-260	Medical Surgical Nursing II	4
NURS-265	Medical Surgical Nursing Lab II	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3

SEMESTER 1		CREDITS
	Credits	**13**
SUMMER 2		
NURS-198	Nursing Practice Clinical Practicum (Optional)	
	Credits	**0**
SEMESTER 5		
INTR-250O	Leadership in Interprofessional Healthcare	3
NURS-270	Transition to Nursing Practice	1
NURS-275	Transition to Nursing Practice Lab	3
NURS-245	Community Health Nursing	1
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**11**
	Total Credits	**68-70**

Part-Time Pathway

Part-Time Pathway

Note: **All general education courses must be completed with a minimum grade of C (73%) and nursing courses (including INTR-250O) must be completed with a minimum grade of C+ (77%).**

SEMESTER 1		CREDITS
BIOL-227	Human Anatomy and Physiology I	4
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
PSYC-101	Introduction to Psychology	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**16-18**
SEMESTER 2		
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
ENGL-102	Writing and Rhetoric II	3
SOC-101	Introduction to Sociology	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**13**
SUMMER 1		
BACT-250	General Microbiology	4
	Credits	**4**
SEMESTER 3		
NURS-115	Wellness for Care Providers	1
NURS-201	Fundamentals of Nursing	2
NURS-210	Fundamentals of Nursing Lab	2
NURS-215	Physical Assessment with Lab	1
NURS-225	Pharmacology in Nursing Practice	1
	Credits	**7**
SEMESTER 4		
NURS-235	Psychiatric Mental Health Nursing with Lab	1
NURS-250	Medical Surgical Nursing I	3
NURS-255	Medical Surgical Nursing Lab I	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**10**
SUMMER 2		
NURS-198	Nursing Practice Clinical Practicum	
	Credits	**0**

SEMESTER 1		CREDITS
SEMESTER 5		
NURS-240	Nursing Care of Child-Bearing Families with Lab	2
NURS-260	Medical Surgical Nursing II	4
NURS-265	Medical Surgical Nursing Lab II	4
	Credits	**10**
SEMESTER 6		
NURS-245	Community Health Nursing	1
NURS-250	Medical Surgical Nursing I	3
NURS-270	Transition to Nursing Practice	1
NURS-275	Transition to Nursing Practice Lab	3
	Credits	**8**
	Total Credits	**68-70**

Outdoor Recreation Leadership AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Human Sciences

Description
This program gives students the necessary skills and certificates needed to obtain employment in the outdoor recreation field. The coursework in this curriculum is primarily field based and leadership development centered. Graduates will have confidence to excel in this growing industry. This is a limited-enrollment program. See the catalog for special admission procedures or contact a Career and Technical Education advisor for more information.

Contact Information: Division of Education Post-Winton Hall, Room 101 Phone: (208) 769-3409

Requirements

SEMESTER 1		CREDITS
RRM-110	Wilderness First Responder	3
RRM-234	Team Dynamics	3
RRM-237E	Outdoor Programming and Leadership	3
RRM-237F	Outdoor Navigation	3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**15-17**
SEMESTER 2		
RRM-125	Wilderness Ethics and Interpretation	3
RRM-195	Backcountry Winter Skills	3
RRM-237C	Whitewater Guiding	3
RRM-237H	Introduction to Outdoor Cooking	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**15**
SEMESTER 3		
RRM-225	Event Planning and Management	3
RRM-237J	Swift Water Rescue	3
RRM-250	Risk Management in the Resort Industry	3
COMM-101	Fundamentals of Oral Communication	3
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**15**
SEMESTER 4		
CAOT-130	Spreadsheets/Excel I	1
PE-110W	Mountain Biking	1
RRM-235	Outdoor Gear Maintenance	3
RRM-237D	Mountaineering	3
RRM-237G	Avalanche Level I	1
RRM-290	Resort Recreation Management Internship	3
A.A.S. Institutionally Designated		3
	Credits	**15**
	Total Credits	**60-62**

Outcomes

Upon completion of the program, students will be able to:

1. Apply the skills and knowledge necessary to work in various entry-level positions in the Outdoor Recreation industry.
2. Earn industry certifications in the following : Wilderness First Responder,⛛Leave No Trace Trainer,⛛Swift Water Rescue,⛛and Avalanche Level 1
3. Demonstrate proficiency in the following: Outdoor Navigation,⛛Team Building,⛛Challenge Course Facilitation,⛛Wilderness Interpretation, and⛛Outdoor Food Safely.
4. Function effectively individually and within team structures on various projects and assignments.
5. Utilize and prepare risk management plans.
6. Plan and organize outdoor programs, trips and events.

   In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Outdoor Recreation Leadership ATC

Overview

Degree/Certificate

Advanced Technical Certificate

Interest Areas

Human Sciences

Description

This program gives students the necessary skills and certificates needed to obtain employment in the outdoor recreation field. The coursework in this curriculum is primarily field based and leadership development centered. Graduates will have confidence to excel in this growing industry. This is a limited-enrollment program. See the catalog for special admission procedures or contact a Career and Technical Education advisor for more information.

Contact Information: Division of Education Post-Winton Hall, Room 101 Phone: (208) 769-3409

Requirements

SEMESTER 1		CREDITS
RRM-110	Wilderness First Responder	3
RRM-234	Team Dynamics	3
RRM-237E	Outdoor Programming and Leadership	3
RRM-237F	Outdoor Navigation	3
Select one of the following:		3-5
MCTE-101	Technical Mathematics	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**15-17**
SEMESTER 2		
RRM-125	Wilderness Ethics and Interpretation	3
RRM-195	Backcountry Winter Skills	3
RRM-237C	Whitewater Guiding	3
RRM-237H	Introduction to Outdoor Cooking	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**15**
SEMESTER 3		
PE-237A	Wilderness Backpacking	3
RRM-225	Event Planning and Management	3
RRM-237J	Swift Water Rescue	3
RRM-250	Risk Management in the Resort Industry	3
	Credits	**12**
SEMESTER 4		
CAOT-130	Spreadsheets/Excel I	1
PE-110W	Mountain Biking	1
PE-237B	Wilderness Survival	3
RRM-235	Outdoor Gear Maintenance	3
RRM-237D	Mountaineering	3
RRM-237G	Avalanche Level I	1
RRM-290	Resort Recreation Management Internship	3
	Credits	**15**

SEMESTER 1		CREDITS
	Total Credits	**57-59**

Outcomes

Upon completion of the program, students will be able to:

1. Apply the skills and knowledge necessary to work in various entry-level positions in the Outdoor Recreation industry.
2. Earn industry certifications in the following: Wilderness First Responder, Leave No Trace Trainer, Swift Water Rescue, and Avalanche Level 1.
3. Demonstrate proficiency in the following: Outdoor Navigation, Team Building, Challenge Course Facilitation, Wilderness Interpretation, and Outdoor Food Safely.
4. Function effectively individually and within team structures on various projects and assignments.
5. Utilize and prepare risk management plans.
6. Plan and organize outdoor programs, trips and events.

Outdoor Recreation Leadership ITC

Overview

Degree/Certificate

Interm Technical Certificate

Interest Areas

Human Sciences

Description

This program gives the student the necessary skills and certificates needed to obtain employment in the outdoor recreation field. The course work in this curriculum is primarily field based and leadership development centered. Graduates will have the confidence to excel in this growing industry. This is a limited-enrollment program. See the catalog for special admission procedures or contact a Career and Technical Education advisor for more information.

Contact Information: Division of Education Post-Winton Hall, Room 101 Phone: (208) 769-3409

Requirements

SEMESTER 1		CREDITS
RRM-110	Wilderness First Responder	3
RRM-234	Team Dynamics	3
RRM-237E	Outdoor Programming and Leadership	3
RRM-237F	Outdoor Navigation	3
Select one of the following:		3-5
MCTE-101	Technical Mathematics	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
	Credits	**15-17**
SEMESTER 2		
RRM-125	Wilderness Ethics and Interpretation	3
RRM-195	Backcountry Winter Skills	3
RRM-237C	Whitewater Guiding	3
RRM-237H	Introduction to Outdoor Cooking	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**15**
	Total Credits	**30-32**

Outcomes

Upon completion of the program, students will be able to:

1. Apply the skills and knowledge necessary to work in various entry-level positions in the Outdoor Recreation industry.
2. Earn industry certifications in the following : Wilderness First Responder, and ⛛Leave No Trace Trainer.
3. Demonstrate proficiency in the following: Outdoor Navigation,⛛Team Building,⛛Challenge Course Facilitation,⛛Wilderness Interpretation, and⛛Outdoor Food Safely.
4. Function effectively individually and within team structures on various projects and assignments.

Office Specialist/Receptionist ITC

Overview

Degree/Certificate

Interm Technical Certificate

Interest Areas

Business

Description

The Office Specialist/Receptionist program provides coursework required for an intermediate technical certificate that prepares students for entry-level career positions in today's offices. Students who complete this program earn an intermediate technical certificate and will have the foundation to earn an advanced certificate. Students develop skills to enhance their opportunities for employment, including interpersonal skills, telephone skills, and customer relations skills. Students also become proficient using up-to-date computer applications, including word processing, spreadsheets, database, and presentation software.

Requirements

SEMESTER 1		CREDITS
BOAA-150	10-Key Skill Building	1
CAOT-115	Outlook	1
CAOT-120	Word Processing/Word I	1
CAOT-121	Word Processing/Word II	1
CAOT-122	Word Processing/Word III	1
CAOT-140	Database/Access I	1
CAOT-150	PowerPoint	1
CAOT-164	Computer Fundamentals for Technical Programs	1
CAOT-183	Business Editing and Proofreading	3
CAOT-204	Career Leadership	1
Select one of the following:		3-5
BLDR-120	Financial Business Applications	
GEM 3 - Mathematical Ways of Knowing		
	Credits	**15-17**
SEMESTER 2		
CAOT-130	Spreadsheets/Excel I	1
CAOT-131	Spreadsheets/Excel II	1
CAOT-132	Spreadsheets/Excel III	1
CAOT-166	Living Online for Technical Programs	1
CAOT-184	Records Systems Management	3
CAOT-205	Business Document Formatting/ Transcription	2
CAOT-210	Office Procedures and Technologies	3
CAOT-292	Administrative Support Internship	3
	Credits	**15**
	Total Credits	**30-32**

Outcomes

Upon completion of the program, students should be able to:

1. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in an entry-level front office position.
2. Use a variety of computer applications to produce multiple documents required in a variety of office settings.
3. Conduct internet searches to locate business information; analyze and evaluate its useful in given business scenarios.
4. Examine planning and leadership skills and characteristics and evaluate the role they play in organizational success.
5. Use problem solving, interpersonal, and collaborative skills to complete work independently or in a team in an ethical and professional manner.
6. Utilize business terminology and vocabulary to communicate in both written and oral forms following rules of confidentiality.
7. Develop, edit, format, and proofread, correspondence that meet acceptable business standards.
8. Demonstrate the ability to use innovative technologies (such as teleconferences, webinars, blogs, social media, web pages, cloud-based platforms, etc.) in an office environment.
9. Demonstrate professionalism through acceptable attitude, organization and time management skills, and attire.

Office Technology ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Business

Description
The Office Technology program allows students to design an Intermediate Technical Certificate by completing courses from the Accounting, Bookkeeping/Accounting Assistant, Computer Applications and Office Technology, and Paralegal programs. It is designed for students seeking entry-level employment or who want to upgrade their office technology skills as required for an office-related position.

Requirements

SUBJECT/ NUMBER	TITLE	CREDITS
COMM-101 or COMM-233	Fundamentals of Oral Communication or Interpersonal Communication	3
CAOT-183 or ENGL-101 or ENGL-101P	Business Editing and Proofreading or Writing and Rhetoric I or Writing and Rhetoric I	3-4
Select one of the following:		3-5
BLDR-120	Financial Business Applications	
MCTE-101	Technical Mathematics	
GEM 3 - A.A.S. Mathematical Ways of Knowing		
Select one of the following:		3-4
BOAA-290	Bookkeeping/Accounting Assist Internship	
CAOT-290	Medical Administrative Support Internship	
CAOT-291	Medical Billing Specialist Internship I	
CAOT-292	Administrative Support Internship	
PLEG-290	Paralegal Internship I	
Select 18 credits from the following subjects:		18
ACCT Accounting		
BOAA Bookkeeping/Accounting Assistant		
CAOT Computer Applications and Office Technology		
PLEG Paralegal		
Total Credits		**30-34**

Outcomes
Upon completion of the program, students should be able to:

1. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in an entry-level front office position.
2. Use a variety of computer applications to produce multiple documents required in a variety of office settings.
3. Conduct internet searches to locate business information; analyze and evaluate its useful in given business scenarios.

4. Examine planning and leadership skills and characteristics and evaluate the role they play in organizational success.
5. Use problem-solving, interpersonal, and collaborative skills to complete work independently or in a team in an ethical and professional manner.
6. Utilize business terminology and vocabulary to communicate in both written and oral forms following rules of confidentiality.
7. Develop, edit, format, and proofread correspondence that meets acceptable business standards.
8. Demonstrate ability to use innovative technologies (such as teleconferences, webinars, blogs, social media, web pages, cloud-based platforms, etc.) in an office environment.
9. Demonstrate professionalism through acceptable attitude, organization and time management skills, and attire.

Physical Education AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Human Sciences

Description
The Physical Education Department provides students with the competence, confidence and motivation necessary to ensure health, fitness, and life-long learning. This program is for students interested in pursuing careers in teaching, coaching, athletic training, recreation, fitness, and health promotion fields. Areas of instruction include: human movement studies, motivation studies, rules and practice of specific sports, exercise/fitness principles and techniques, basic athletic injury prevention/treatment, and organizing/leading fitness and recreation programs. The suggested coursework normally fulfills the first half of baccalaureate degree requirements for physical education.

Contact Information: Division of Education Post-Winton Hall, Room 101 Phone: (208) 769-3409

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing*		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness **		0
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
BIOL-207	Concepts in Human Nutrition	3
or PE-224	Nutrition for Health, Fitness, and Exercise	
BIOL-175	Human Biology	4
or BIOL-227	Human Anatomy and Physiology I	
Select 15 credits from the following:		15
PE-160	Foundations of Physical Education	
PE-222	Wellness Lifestyles	
PE-228	Fitness Activities and Concepts	
PE-230	Sports Ethics	
PE-223	Exercise Physiology	
PE-225	Sports Psychology	
PE-227	Legal Aspects of Sport and Recreation	
PE-288	First Aid	
Elective Requirements		
Courses 100-level or higher***		5-7
Total Credits		**60-62**

*This General Education Requirement is partially met by the Program Requirements.

**This General Education Requirement is met by the Program Requirements.

***Recommend choosing courses with an Academic Advisor from the Areas of Emphasis according to transfer institution requirements or one of the PE courses not completed above.

Recommended Elective Courses by Areas of Emphasis

Athletic Training/Exercise Science

SUBJECT/ NUMBER	TITLE	CREDITS
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
CAOT-179	Medical Terminology	2
CHEM-101	Introduction to Chemistry	4
CHEM-111	General Chemistry I	5
PE-248	Athletic Injuries-Sports Medicine	3
PE-250	Clinical Athletic Training	3

Coaching

SUBJECT/ NUMBER	TITLE	CREDITS
PE-241C	Coaching Methods: Soccer	2
PE-241D	Coaching Methods: Softball/ Baseball	2
PE-241E	Coaching Methods: Basketball	2
PE-241F	Coaching Methods: Wrestling	2
PE-242	Sports Officiating	2
PE-248	Athletic Injuries-Sports Medicine	3

K-12 Education

SUBJECT/NUMBER	TITLE	CREDITS
EDUC-201	Introduction to Teaching	3
PE-232	Play and Game Theory	3
PE-110/PE-111 Physical Activity Courses		1-7

Outdoor Recreation

SUBJECT/ NUMBER	TITLE	CREDITS
PE-237A	Wilderness Backpacking	3
PE-237B	Wilderness Survival	3
PE-237C	Whitewater Guiding	3
PE-237D	Mountaineering	3
PE-237E	Outdoor Programming and Leadership	3
PE-237F	Outdoor Navigation	3
PE-237H	Introduction to Outdoor Cooking	3
PE-237J	Swift Water Rescue	3

Outcomes

Upon completion of the program, students will be able to:

1. Articulate and apply the foundational principles of comprehensive health, nutrition and fitness promotion and manage wellness for yourself and others.
2. Explain and apply the fundamental principles of human body, movement and performance.
3. Analyze and interpret professional ethical standards for individual practice, conduct, and citizenship, especially as related to the discipline and profession.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
PE-160	Foundations of Physical Education	3
PE-222	Wellness Lifestyle	3
ENGL-101	Writing and Rhetoric I	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15-17**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
PE-230	Sports Ethics	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
Elective		1-3
	Credits	**16**
SEMESTER 3		
BIOL-175 or BIOL-227	Human Biology or Human Anatomy and Physiology I	4
PE-224 or BIOL-207	Nutrition for Health, Fitness, and Exercise or Concepts in Human Nutrition	3
Elective		9
	Credits	**16**
SEMESTER 4		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
Elective		3
	Credits	**13**
	Total Credits	**60-62**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
PE-160	Foundations of Physical Education	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
PE-230	Sports Ethics	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**12**
SEMESTER 3		
BIOL-175 or BIOL-227	Human Biology or Human Anatomy and Physiology I	4
PE-222	Wellness Lifestyles	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**10**
SEMESTER 4		
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
Elective		1-3
	Credits	**7**
SEMESTER 5		
PE-224 or BIOL-207	Nutrition for Health, Fitness, and Exercise or Concepts in Human Nutrition	3
Elective		9
	Credits	**12**
SEMESTER 6		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
Elective		3
	Credits	**10**

SEMESTER 1		CREDITS
	Total Credits	**60-62**

Philosophy AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Arts and Communication

Description
This program helps students appreciate the role of ideas in shaping and evaluating the broad range of human experience from ancient to modern times. Classes focus on how great thinkers considered issues concerning ethics, human nature, religion, social change, knowledge, reality, and sound reasoning. Students learn to read critically, to think logically, to analyze and organize a wide variety of concepts, to research and evaluate sources, and to communicate clearly and effectively. Philosophy majors can apply their knowledge and skills to a wide range of professional fields such as business, advertising, media, law, health professions, and education. Completion of the following courses normally fulfills the first half of bachelor degree requirements in Philosophy. Course selections should be tailored to match requirements of the intended transfer institution.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6-8
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing*		3
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
PHIL-101	Introduction to Philosophy	3
PHIL-103	Introduction to Ethics	3
PHIL-201	Logic and Critical Thinking	3
Elective Requirements		
Recommend: PHIL-111, PHIL-205, PHIL-222, INTR-250P, INTR-250W, or courses 100-level or higher		14-18
Total Credits		**60-66**

*This General Education Requirement is partially met by the Program Requirements.

Outcomes
Upon completion of the program, students will be able to:

1. Distinguish among philosophical problems and patterns and examine their historical, intellectual, and cultural contexts.
2. Create arguments that utilize sound reasoning processes, are grounded in evidenced-based analysis, and incorporate the appraisal of opposing views.
3. Appraise critical perspectives in philosophical subject matter and demonstrate the components of sound reasoning and argumentation.
4. Explain how philosophy has affected the growth and change of institutions, society, and conceptions of ethics and justice.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Part-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
PHIL-101 or PHIL-103	Introduction to Philosophy or Introduction to Ethics	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**15-18**
SEMESTER 2		
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
PHIL-101 or PHIL-103	Introduction to Philosophy or Introduction to Ethics	3
PHIL-201	Logic and Critical Thinking	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**15-17**
SEMESTER 3		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
Electives		8
	Credits	**15-18**
SEMESTER 4		
GEM 7I - Institutionally Designated		3
Electives		12
	Credits	**15**
	Total Credits	**60-68**

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
PHIL-101 or PHIL-103	Introduction to Philosophy or Introduction to Ethics	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-12**
SEMESTER 2		
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
PHIL-103 or PHIL-101	Introduction to Ethics or Introduction to Philosophy	3
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**9-11**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
PHIL-201	Logic and Critical Thinking	3
GEM 4 - Scientific Ways of Knowing		4
	Credits	**10**
SEMESTER 4		
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
Electives		6
	Credits	**12**
SEMESTER 5		
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
Electives		6
	Credits	**10-12**
SEMESTER 6		
GEM 7I - Institutionally Designated		3
Electives		7
	Credits	**10**
	Total Credits	**60-67**

Physics AS

Overview

Degree/Certificate

Associate of Science

Interest Areas

Science, Technology, Engineering, and Mathematics

Description

Physics is the science that deals with matter and energy and their interactions in selected fields such as mechanics, acoustics, and electricity. A strong background in science and mathematics is important preparation for a college physics program. Completion of the following courses results in an associate's degree with an area of emphasis in Physics. The required coursework normally fulfills the first half of baccalaureate degree requirements in Physics. Course selection should be tailored to match requirements defined by intended transfer institutions.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
CHEM-111	General Chemistry I	5
MATH-170	Calculus I	4
MATH-175	Analytic Geometry and Calculus II	4
MATH-275	Analytic Geometry and Calculus III	4
MATH-370	Introduction to Ordinary Differential Equations	3
PHYS-211	Engineering Physics I	5
PHYS-212	Engineering Physics II	5
Program Electives		**5**
BACT-250	General Microbiology	
BIOL-115	Introduction to Life Sciences	
CHEM-112	Principles of General College Chemistry II	
CHEM-277	Organic Chemistry I	
CHEM-278	Organic Chemistry I Lab	
CHEM-287	Organic Chemistry II	
CHEM-288	Organic Chemistry II Lab	
CS-115	Introduction to Problem Solving and Programming	
CS-150	Computer Science I	
EDUC-201	Introduction to Teaching	
ENGL-202	Technical Writing	
MATH-253	Statistical Methods	
MATH-335	Linear Algebra	
PHYS-103	Elementary Astronomy	
Total Credits		**60-62**

*This General Education Requirement is met by the Program Requirements.

Outcomes

Upon completion of the program, students will be able to:

1. Apply foundational knowledge and models of a natural or physical science to analyze and/or predict phenomena.
2. Interpret and communicate scientific information via written, spoken and/or visual representations.
3. Describe the relevance of specific science principles to the human experience.
4. Form and test a hypothesis in the laboratory, classroom or field using discipline specific tools and techniques for data collection and/or analysis.
5. Demonstrate the ability to explain observations and relate these to scientific theory.
6. Create a coherent narrative utilizing physics/science principles to describe basic physical processes.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Part-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
ENGL-101	Writing and Rhetoric I	3
MATH-170	Calculus I	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
COMM-101	Fundamentals of Oral Communication	3
MATH-175	Analytic Geometry and Calculus II	4
Program Elective		3-5
	Credits	**13-15**
SUMMER 1		
MATH-275	Analytic Geometry and Calculus III	4
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**7**
SEMESTER 3		
MATH-370	Introduction to Ordinary Differential Equations	3
PHYS-211	Engineering Physics I	5
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**12-14**
SEMESTER 4		
PHYS-212	Engineering Physics II	5
Program Elective		3-5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**14-16**
	Total Credits	**61-67**

Part-Time Pathway

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
MATH-170	Calculus I	4
	Credits	**9**
SEMESTER 2		
ENGL-101	Writing and Rhetoric I	3
MATH-175	Analytic Geometry and Calculus II	4
GEM 7W - Wellness		1-3
	Credits	**8-10**
SUMMER 1		
ENGL-102	Writing and Rhetoric II	3
MATH-275	Analytic Geometry and Calculus III	4
	Credits	**7**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
MATH-370	Introduction to Ordinary Differential Equations	3
PHYS-211	Engineering Physics I	5
	Credits	**11**
SEMESTER 4		
PHYS-212	Engineering Physics II	5
Program Elective		3-5
	Credits	**8-10**
SEMESTER 5		
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**9**
SEMESTER 6		
Program Elective		3-5
GEM5		3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**9-11**
	Total Credits	**61-67**

Plumbing Apprenticeship AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Trades and Industry

Description
This program is offered in partnership with NIC's Workforce Development and Career and Technical Education division. It is specifically designed for students who have completed a state or federally approved Plumbing Apprenticeship program consisting of 8,000 hours of on-the-job training and 576 hours of classroom instruction. Upon completion of the full apprenticeship program, transcription of credits must be initiated by contacting NIC's Workforce Training Center. Completion of general education requirements may occur prior to, at the same times, or after completion of the apprenticeship courses.

Requirements

General Education Requirements		
GEM 1 - A.A.S. Written Communication		3-4
GEM 2 - A.A.S. Oral Communication		3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
A.A.S. Institutionally Designated		3-5
Program Requirements		
PLAP-101	Plumbing Apprenticeship 1st Yr	12
PLAP-102	Plumbing Apprenticeship 2nd Yr	12
PLAP-103	Plumbing Apprenticeship 3rd Year	12
PLAP-104	Plumbing Apprenticeship 4th Year	12
Total Credits		**63-68**

Outcomes
Upon completion of the program, students will be able to:

1. Identify and perform tasks in accordance with the local and national regulations.
2. Effectively communicate with management in their chosen field to advance their career and demonstrate technical communication.
3. Translate comprehensive principles, skills, and applications of their chosen trade to work safely and efficiently in the industry.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communications; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Pre-Law AS

Overview

Degree/Certificate

Associate of Science

Description

The Associate of Science in Political Science and Pre-Law provides the equivalence of the first two years of study in for a Bachelor of Science in Political Science. Students are introduced to many of the various subfields of political science and the scope of the discipline. The Associate of Science program also serves as a foundation for further professional or academic study in pre-law, business and secondary teaching with an emphasis in social studies, public administration, international studies and other related social sciences. Undergraduate degrees in Political Science are often the path chosen by many seeking entrance into law school, though it should be noted that other disciplines can be equally successful. Please contact the Political Science Department for a list of potential careers in political science. Students are strongly encouraged to check with their undergraduate transfer institution for specific degree and coursework requirements. Completion of an Associate of Science degree meets the general core requirements at all Idaho public universities.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing 1		3
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
POLS-101	American National Government	3
POLS-237	International Politics and Problems	3
Choose one additional Political Science course other than POLS-298.		3
Elective Requirements		
Courses 100-level or higher		16-18
Total Credits		**60-64**

*This General Education Requirement is partially met by the Program Requirements.

Outcomes

Upon completion of the program, students will be able to:

1. Explain the basics of the duties, powers and the institutions of American Government.
2. Analyze and describe some of the power dimensions of politics; “who gets what, when and how.”
3. Describe key concepts, theories and ideas utilized in basic political science, political philosophy and law.
4. Explain key issues, concepts and the theories within international relations.
5. Analyze the attributes of individual public policies and their consequences on society.
6. Summarize scholarly articles, write a literature review and understand the basics of how political science research is carried out.
7. Explain how to become more involved in their communities and understand why participation in politics is important.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
POLS-101	American National Government	3
ENGL-101	Writing and Rhetoric I	3
COMM-101	Fundamentals of Oral Communication	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15-17**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
Elective		3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**14-16**
SEMESTER 3		
POLS-237	International Politics and Problems	3
Electives		6
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**16**
SEMESTER 4		
GEM 7I - Institutionally Designated		3
Electives		12
	Credits	**15**
	Total Credits	**60-64**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
POLS-101	American National Government	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**10-12**
SEMESTER 3		
POLS-237	International Politics and Problems	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**10**
SEMESTER 4		
Electives		6
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**10**
SEMESTER 5		
Electives		9
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**12**
SEMESTER 6		
Electives		6
GEM 7I - Institutionally Designated		3
	Credits	**9**
	Total Credits	**60-64**

Paralegal AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Human Sciences

Description
This program provides coursework required for an Associate of Applied Science Degree that leads to positions in legal environments. A paralegal, under the supervision of an attorney, applies knowledge of law and legal procedures in rendering direct assistance to attorneys, clients, and courts. They may conduct initial client interviews and follow up on investigation of factual information. Paralegals design, develop and modify procedures, techniques, services and processes; prepare and interpret legal documents; and detail procedures for practicing in certain fields of law. Paralegals research, select, assess, compile, and use information from the law library and other references, and analyze and handle procedures and problems that involve independent decisions. Employment and internships in the legal field will often require a background check. Violations which appear on the applicant's criminal background check may result in denied approval for required internships and the inability to complete the program.

Requirements

SEMESTER 1		CREDITS
CAOT-120	Word Processing/Word I	1
CAOT-130	Spreadsheets/Excel I	1
CAOT-140	Database/Access I	1
PLEG-100	Introduction to Law	3
PLEG-102	Legal Terminology	3
PLEG-112	Fundamentals of Legal Support	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
	Credits	**15-16**
SEMESTER 2		
CAOT-183	Business Editing and Proofreading	3
PLEG-120	Legal Ethics and Prof Responsibilities	3
PLEG-257	Civil Procedure & Litigation I	3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**15**
SEMESTER 3		
BOAA-110	Small Business Accounting	3
CAOT-184	Records Systems Management	3
COMM-101	Fundamentals of Oral Communication	3
PLEG-204	Legal Research and Writing I	3
PLEG-261	Criminal Law and Procedure	4
	Credits	**16**
SEMESTER 4		
CAOT-210	Office Procedures and Technologies	3
PLEG-214	Legal Research and Writing II	3
PLEG-231	Legal Evid: Prin Types & Admis Legal Sys	1
PLEG-258	Civil Law and Procedures II	3
PLEG-290	Paralegal Internship I	3
A.A.S. Institutionally Designated		3
	Credits	**16**

SEMESTER 1		CREDITS
	Total Credits	**62-63**

Outcomes

Upon completion of the program, students will be able to:

1. Recognize, analyze, and solve fundamental tasks and issues applicable to the legal services environment.
2. Communicate clearly, effectively, and with reason in both verbal and written forms.
3. Demonstrate substantive and procedural laws in a variety of practice areas.
4. Adhere to professional and ethical standards appropriate to the legal profession.
5. Prepare legal documents, including legal correspondence, pleadings, court briefs, and contracts.
6. File pleadings with the court.
7. Analyze relevant laws, regulations, and legal articles.
8. Demonstrate excellent legal research, writing, interview, analytical, and problem solving skills.
9. Apply information technology tools and organizational skills to perform daily tasks, prioritize assignments, and utilize time efficiently (e.g., manage workflow, adhere to procedural deadlines, use resources and time efficiently).
10. Assist lawyers in trial preparation and trial.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Precision Manufacturing & CNC ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Trades and Industry

Description
This program prepares students for entry-level employment in the machining and manufacturing industries. The curriculum features basic to advanced machining concepts involving machine tools such as conventional lathes, mills, grinders, and their Computer Numerical Control (CNC) counterparts. Coursework also involves blueprint reading, geometric dimensioning and tolerancing, shop math, and mechanical measurements. This program places emphasis in CNC, geometric dimensioning and tolerancing, reading and writing G-Code in preparation for employment in computerized manufacturing trades. Successful completion of each semester or permission of the instructor is required to continue into the next semester. Prospective students should have solid math skills and demonstrate mechanical aptitude. Computer and keyboarding skills are recommended. Placement om specific English and math classes are determined by college assessment tests. Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Requirements

SEMESTER 1		CREDITS
MACH-150	Machining Technology Theory I	6
MACH-151L	Machining Technology Lab I	6
MACH-171	Blueprint Reading	2
MCTE-105	Technical Mathematics for Machining and Computer Aided Design Technologies	3
	Credits	**17**
SEMESTER 2		
ATEC-117	Occupational Relations and Job Search	2
MACH-152L	Machining Technology Lab II	5
MACH-160	Manufacturing Processes	4
MACH-172	Blueprint Reading II	2
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**16**
	Total Credits	**33**

Outcomes
Upon completion of the program, students will be able to:

1. Describe and execute basic and advanced machine setups and required operations on conventional lathes, mills, grinders, saws and CNC machines.
2. Demonstrate basic and advanced mechanical measurements using correct technique and equipment.
3. Develop and write G-Code program from a blueprint by hand in preparation to run it on a CNC machine.
4. Read and interpret blueprints including Geometric Dimensioning and Tolerancing.

Political Science AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Human Sciences

Description
The Associate of Science in Political Science and Pre-Law provides the equivalence of the first two years of study in for a Bachelor of Science in Political Science. Students are introduced to many of the various subfields of political science and the scope of the discipline. The Associate of Science program also serves as a foundation for further professional or academic study in pre-law, business and secondary teaching with an emphasis in social studies, public administration, international studies and other related social sciences. Undergraduate degrees in Political Science are often the path chosen by many seeking entrance into law school, though it should be noted that other disciplines can be equally successful. Please contact the Political Science Department for a list of potential careers in political science. Students are strongly encouraged to check with their undergraduate transfer institution for specific degree and coursework requirements. Completion of an Associate of Science degree meets the general core requirements at all Idaho public universities.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing 1		3
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
POLS-101	American National Government	3
POLS-237	International Politics and Problems	3
Choose one additional Political Science course other than POLS-298.		3
Elective Requirements		
Courses 100-level or higher		16-18
Total Credits		**60-64**

*This General Education Requirement is partially met by the Program Requirements.

Outcomes
Upon completion of the program, students will be able to:

1. Explain the basics of the duties, powers and the institutions of American Government.
2. Analyze and describe some of the power dimensions of politics; “who gets what, when and how.”
3. Describe key concepts, theories and ideas utilized in basic political science, political philosophy and law.
4. Explain key issues, concepts and the theories within international relations.
5. Analyze the attributes of individual public policies and their consequences on society.
6. Summarize scholarly articles, write a literature review and understand the basics of how political science research is carried out.
7. Explain how to become more involved in their communities and understand why participation in politics is important.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
POLS-101	American National Government	3
ENGL-101	Writing and Rhetoric I	3
COMM-101	Fundamentals of Oral Communication	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15-17**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
Elective		3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**14-16**
SEMESTER 3		
POLS-237	International Politics and Problems	3
Electives		6
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**16**
SEMESTER 4		
GEM 7I - Institutionally Designated		3
Electives		12
	Credits	**15**
	Total Credits	**60-64**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
POLS-101	American National Government	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
ENGL-102	Writing and Rhetoric II	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
	Credits	**10-12**
SEMESTER 3		
POLS-237	International Politics and Problems	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**10**
SEMESTER 4		
Electives		6
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**10**
SEMESTER 5		
Electives		9
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**12**
SEMESTER 6		
Electives		6
GEM 7I - Institutionally Designated		3
	Credits	**9**
	Total Credits	**60-64**

Psychology AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Human Sciences

Description
A baccalaureate degree with a major in psychology provides a solid foundation for many careers that require knowledge of human behavior in areas such as business, industry, government, or the helping professions. Completion of a graduate degree (master's or doctorate) is generally necessary, however, for careers specific to psychology. Therefore, students seriously considering such a career option should maintain a grade point average of 3.00 or higher. Completion of the following courses normally fulfills the first half of bachelor degree requirements in Psychology. Course selections should be tailored to match requirements of the intended transfer institutions.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing **		3
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
MATH-253	Statistical Methods	3
PSYC-101	Introduction to Psychology	3
PSYC-218	Introduction to Research in the Behavioral Sciences	4
Select two of the following:		6
PSYC-205	Developmental Psychology	
PSYC-210	Psychology of Personality	
PSYC-211	Abnormal Psychology	
Elective Requirements		
Courses 100-level or higher		14
Total Credits		**60-62**

*This General Education Requirement is met by the Program Requirements.

**This General Education Requirement is partially met by the Program Requirements.

Recommended Elective Courses

SUBJECT/ NUMBER	TITLE	CREDITS
BIOL-175	Human Biology	4
CHEM-100	Concepts of Chemistry	4
or CHEM-101	Introduction to Chemistry	
COMM-220	Introduction to Intercultural Communication	3
COMM-233	Interpersonal Communication	3
INTR-250J	Psychology of Marketing	3
or PHIL-201	Logic and Critical Thinking	

Outcomes

Upon Completion of the program, students will be able to:

1. Demonstrate a base of knowledge about representative theories, concepts, and empirical studies in the field of Psychology.
2. Implement critical thinking skills by evaluating the empirical basis of historical, theoretical, or conceptual constructs in psychology.
3. Analyze cognitive, behavioral, and socioemotional domains from an ethical framework that underscores individual differences and collective tendencies.
4. Pursue their educational and professional goals through transfer or transition to a different field.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
PSYC-101	Introduction to Psychology	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
Elective		3
	Credits	**15**
SEMESTER 2		
MATH-253	Statistical Methods	3
PSYC-205	Developmental Psychology	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 7W - Wellness		1-3
Elective		3
	Credits	**14-16**
SEMESTER 3		
ENGL-102	Writing and Rhetoric II	3
PSYC-211	Abnormal Psychology	3
Elective		3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**16**
SEMESTER 4		
PSYC-218	Introduction to Research in the Behavioral Sciences	4
Electives		3-5
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**15**
	Total Credits	**60-62**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
PSYC-101	Introduction to Psychology	3
Elective		3
	Credits	**9**
SEMESTER 2		
MATH-253	Statistical Methods	3
COMM-101	Fundamentals of Oral Communication	3
PSYC-205	Developmental Psychology	3
	Credits	**9**
SEMESTER 3		
ENGL-102	Writing and Rhetoric II	3
PSYC-211	Abnormal Psychology	3
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**10**
SEMESTER 4		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
Elective		3
	Credits	**10**
SEMESTER 5		
GEM 7I - Institutionally Designated		3
GEM 7W - Wellness		1-3
Electives		6
	Credits	**10-12**
SEMESTER 6		
PSYC-218	Introduction to Research in the Behavioral Sciences	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
Elective		2
	Credits	**12**
	Total Credits	**60-62**

Physical Therapist Assistant AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Health Professions

Description
The Physical Therapist Assistant Consortium Program prepares students for employment as physical therapist assistants (PTA). The PTA functions through the direction of a physical therapist (PT) to implement the PT's plan of care. The ultimate goal of physical therapy is to aid patients and clients in their return to maximal function. PTA students are instructed in thinking processes and skills such as therapeutic exercise, orthopedic and neurological interventions, therapeutic modalities, and the art of patient care. In addition to patient treatment courses, students study the basic sciences of anatomy, physiology, clinical pathology, and kinesiology. Clinical education experiences are integrated throughout the curriculum and offer students the opportunity to practice the techniques learned and practiced each semester. The program is designed to be completed in two years. The Idaho Consortium for Physical Therapist Assistant Education at the College of Southern Idaho, the College of Western Idaho, Lewis-Clark State College, and North Idaho College ***is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE),*** 1111 North Fairfax Street, Alexandria, VA, 22314; telephone: 703-706-3245; email: accreditation@apta.org; website: www.catpeonline.org. This is a competitive entry program. For admission requirements and program specific information, please refer to the program website.

Requirements

Note: A minimum grade of C/2.0 is required in all prerequisite and program courses.

PREREQUISITES		CREDITS
BIOL-227	Human Anatomy and Physiology I	4
CAOT-179	Medical Terminology	2
ENGL-101	Writing and Rhetoric I	3
PSYC-101	Introduction to Psychology	3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**15-17**
SEMESTER 1		
PTAE-101	Physical Therapy in Health Care	2
PTAE-107	Kinesiology	4
PTAE-107L	Kinesiology Lab	0
PTAE-110	Principles and Procedures	3
PTAE-110L	Principles and Procedures Lab	0
PTAE-211	Data Collections	3
PTAE-211L	Data Collections Lab	0
BIOL-228	Human Anatomy and Physiology II With Cadaver	4
	Credits	**16**
SEMESTER 2		
PTAE-207	Therapeutic Exercise	4
PTAE-207L	Therapeutic Exercise Lab	0
PTAE-208	Orthopedic Rehabilitation	4
PTAE-208L	Orthopedic Rehabilitation Lab	0
PTAE-217	Neurological Rehabilitation	4
PTAE-217L	Neurological Rahabilitation Lab	0
COMM-101	Fundamentals of Oral Communication	3
	Credits	**15**
SEMESTER 3		
PTAE-113	Clinical Pathology	2
PTAE-204	Therapeutic Modalities	3
PTAE-204L	Therapeutic Modalities Lab	0
PTAE-240	Clinical Affiliation 1	7
	Credits	**12**
SEMESTER 4		

PREREQUISITES		CREDITS
PTAE-215	Special Populations	3
PTAE-215L	Special Populations Lab	0
PTAE-221	Seminar	2
PTAE-241	Clinical Affiliation II	7
	Credits	**12**
	Total Credits	**70-72**

Outcomes

Upon completion of the program, students will be able to:

Student Learning Goals and Outcomes

1. Graduates will demonstrate competent entry-level PT interventions, working under the supervision of a licensed physical therapist.
    1. Within the context of patient care, distinguish between the role of the physical therapist and the role of the physical therapist assistant. Demonstrated by examinations, practicals and clinical rotations.
    2. Under the direction of a physical therapist, implement safe and effective physical therapy interventions based on the PT plan of care. Demonstrated through practical exams and clinical rotations.
    3. Under the direction of a physical therapist, perform entry-level interventions following standards of ethical practice. Demonstrated during clinical experiences.
2. Graduates will show respect for diverse human life and advocate for physical therapy care that works to restore optimal human dignity and function.
    1. Effectively communicate with other health care providers, patients, and families about selected treatment procedures and functional activities. Demonstrated in the didactic and clinical components of the program.
    2. Provide and document patient/client care in a respectful and culturally sensitive manner to all individuals. Demonstrated in lab scenarios and clinical experiences.
    3. Exhibit good moral and ethical judgment in health care practice and uphold confidentiality of all persons at all times. Demonstrated in lab scenarios and clinical experiences.
3. Graduates will be lifelong learners and continually pursue developmental opportunities within the physical therapy profession.
    1. Provide education to peers, patients/clients, and others through professional organization, employment, and other avenues of collaboration.

Program Goals and Outcomes

1. The program will deliver competent physical therapist assistants to serve the regional communities.
    1. The graduation rate for each class will be 85% higher.
    2. Eighty-five percent of the PTA graduates will pass the National Physical Therapy Examination (NPTE) overall, average over two years.
    3. Of those who seek employment, 95% of graduates will be employed within one year of passing the NPTW, averaged over two years.
    4. Eighty-five percent of the PTA graduates will receive an above average rating on employer surveys.

Faculty Goals and Outcomes

1. Maintain a contemporary and comprehensive curriculum in accordance with CAPTE standards and the ICPTAE Mission.
    1. Core faculty will engage in a minimum of two appropriate professional development activities annually.
    2. Core faculty will engage in annual curriculum review and document improvements or changes.
    3. Adjunct faculty will engage in a minimum of one appropriate professional development activity annually.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Pre-Physical Therapy AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Health Professions

Description
This program is designed for students planning to transfer to a major suitable for entry into a physical therapy program. Physical therapy programs are very competitive and typically require an overall GPA of 2.75 or better and a 3.00 GPA in all prerequisite work (i.e., biology, zoology, chemistry, and physics). In addition, 75-80 hours (minimum) of work/observation under the direction of a licensed physical therapist are required for entry into physical therapy programs (may vary with transfer institution). Completion of the following courses results In an associate's degree with an area of emphasis In Pre-Physical Therapy. The required coursework normally fulfills the prerequisite requirements for most physical therapy programs. Course selection should be tailored to match requirements defined by intended transfer institutions.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing*		0
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
BIOL-227	Human Anatomy and Physiology I	4
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
CHEM-111	General Chemistry I	5
CHEM-112	Principles of General College Chemistry II	5
MATH-253	Statistical Methods	3
PHYS-111	General Physics I	4
PHYS-112	General Physics II	4
PSYC-101	Introduction to Psychology	3
SOC-101	Introduction to Sociology	3
Elective Requirements		
Courses 100-level or higher		6
Total Credits		**60-62**

*This General Education Requirement is met by the Program Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
MATH-253	Statistical Methods	3
SOC-101	Introduction to Sociology	3
	Credits	**17**
SEMESTER 2		
CHEM-112	Principles of General College Chemistry II	5
ENGL-102	Writing and Rhetoric II	3
PSYC-101	Introduction to Psychology	3
Elective		3
	Credits	**14**
SEMESTER 3		
BIOL-227	Human Anatomy and Physiology I	4
PHYS-111	General Physics I	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3
Elective		3
	Credits	**15-17**
SEMESTER 4		
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
PHYS-112	General Physics II	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7I - Institutionally Designated		3
	Credits	**14**
	Total Credits	**60-62**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
ENGL-101	Writing and Rhetoric I	3
MATH-253	Statistical Methods	3
	Credits	**11**
SEMESTER 2		
CHEM-112	Principles of General College Chemistry II	5
ENGL-102	Writing and Rhetoric II	3
Elective		3
	Credits	**11**
SEMESTER 3		
BIOL-227	Human Anatomy and Physiology I	4
COMM-101	Fundamentals of Oral Communication	3
PHYS-111	General Physics I	4
	Credits	**11**
SEMESTER 4		
BIOL-228	Human Anatomy and Physiology II with Cadaver	4
PHYS-112	General Physics II	4
PSYC-101	Introduction to Psychology	3
	Credits	**11**
SEMESTER 5		
SOC-101	Introduction to Sociology	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
Elective		3
	Credits	**9**
SEMESTER 6		
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7I - Institutionally Designated		3
GEM 7W - Wellness		1-3
	Credits	**7-9**
	Total Credits	**60-62**

Radiography Technology AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Health Professions

Description
The Mission of the North Idaho College Radiography Program is to provide a comprehensive didactic and clinical education, which prepares graduates with the skills necessary to obtain entry-level employment as a radiographer. Upon successful completion of this program, students will graduate with an Associate of Applied Science Degree and be eligible to become certified by taking the registry examination of the American Registry of Radiologic Technologists (ARRT). The Radiography Technology Associate of Applied Science Degree program is accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Inquiries can be made by contacting JRCERT at 20 North Wacker Drive, Suite 2850, Chicago, IL 60606-3182 or (312) 704-5300 or mail@jrcert.org. The Radiography Technology program is a competitive entry program. Ten students are admitted to the Professional Component of the program every other year. Applications are accepted and reviewed spring semester. A minimum grade point average of B-/2.7 is required in all prerequisite and program courses. For program-specific requirements, please refer to the program webpage. Admission Procedures For program specific requirements, please refer to the Radiography Technology program website.

Requirements

Note: *A minimum grade of B- / 2.7 is required in all prerequisite and RADT courses.*

SEMESTER 1		**CREDITS**
ENGL-101	Writing and Rhetoric I	3
BIOL-227	Human Anatomy and Physiology I	4
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**10-12**
SEMESTER 2		
BIOL-228	Human Anatomy and Physiology II With Cadaver	4
CAOT-179	Medical Terminology	2
COMM-101	Fundamentals of Oral Communication	3
PSYC-101 or SOC-101	Introduction to Psychology or Introduction to Sociology	3
	Credits	**12**
SEMESTER 3		
RADT-111 & 111L	Introduction to Radiography and Introduction to Radiology Lab	5
RADT-112 & 112L	Radiographic Procedures I and Radiographic Procedures I Lab	4
RADT-113 & 113L	Principles of Radiation Biology and Protection and Principles of Radiation Biology and Protection Lab	3
	Credits	**12**
SEMESTER 4		
RADT-114 & 114L	Radiographic Procedures II and Radiographic Procedures II Lab	4
RADT-115 & 115L	Radiologic Physics and Equipment and Radiologic Physics and Equipment Lab	3
RADT-116	Clinical Radiography I	6
	Credits	**13**
SUMMER 2		
RADT-118 & 118L	Radiographic Procedures III and Radiographic Procedures III Lab	4
RADT-119	Clinical Radiography II	4
	Credits	**8**
SEMESTER 5		

SEMESTER 1		CREDITS
RADT-211 & 211L	Radiographic Imaging and Radiographic Imaging Lab	4
RADT-220	Clinical Radiography III	8
	Credits	**12**
SEMESTER 6		
RADT-221	Clinical Radiography IV	10
RADT-222	Radiologic Technology Review	2
	Credits	**12**
	Total Credits	**79-81**

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate clinical competence.
2. Communicate effectively.
3. Employ critical thinking skills.
4. Demonstrate professional growth and development.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Sociology AA

Overview

Degree/Certificate

Associate of Arts

Interest Areas

Human Sciences

Description

The Sociology program provides students with the tools necessary to analyze the structure and complexity of human societies and to gain a greater understanding of themselves and others as members of social groups. Instructors expose students to the methodological, theoretical, and conceptual foundations of the discipline to cultivate critical inquiry skills. Courses in the department invite students to explore contemporary social forces, uncover patterns in social phenomena, and examine important social issues using social scientific approaches.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing *		3
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
SOC-101	Introduction to Sociology	3
SOC-102	Social Problems	3
Select one of the following:		3
SOC-220 or SOC-251 or SOC-296	Marriage and Family or Race and Ethnic Relations or Introduction to Sociology of Gender	
Elective Requirements		
Courses 100-level or higher		19
Total Credits		**60-65**

*This General Education Requirement is partially met by the Program Requirements.

Recommended Elective Courses

SUBJECT/ NUMBER	TITLE	CREDITS
ANTH-100	Introduction to Anthropology	3
ANTH-102	Cultural Anthropology	3
CJ-245	Introduction to Criminology	3
POLS-101	American National Government	3
PSYC-101	Introduction to Psychology	3
PSYC-218/ 218L	Introduction to Research in the Behavioral Sciences/Lab	4

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate understanding of the core methods, theories, and concepts of sociology.
2. Illustrate the interplay of social structure and agency in the lives of individuals.
3. Critically analyze relations of power, hierarchy, and inequality and their impact on society.
4. Utilize the sociological perspective to interpret social phenomenon.
5. Plan strategies using sociological approaches to research, analyze, and propose solutions to social problems.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
SOC-101	Introduction to Sociology	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15-17**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
SOC-102	Social Problems	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
Electives		3
	Credits	**15**
SEMESTER 3		
GEM 4 - Scientific Ways of Knowing		4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
Electives		7
	Credits	**15-16**
SEMESTER 4		
GEM 7I - Institutionally Designated		3
SOC-220 or SOC-251 or SOC-296	Marriage and Family or Race and Ethnic Relations or Introduction to Sociology of Gender	3
Electives		9
	Credits	**15**
	Total Credits	**60-64**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
SOC-101	Introduction to Sociology	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SEMESTER 2		
COMM-101	Fundamentals of Oral Communication	3
SOC-102	Social Problems	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**9**
SEMESTER 3		
ENGL-102	Writing and Rhetoric II	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
Electives		6
	Credits	**12**
SEMESTER 4		
GEM 4 - Scientific Ways of Knowing		3-4
Elective		6
	Credits	**9**
SEMESTER 5		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
Elective		6
	Credits	**12**
SEMESTER 6		
SOC-220 or SOC-251 or SOC-296	Marriage and Family or Race and Ethnic Relations or Introduction to Sociology of Gender	3
GEM 7I - Institutionally Designated		3
Electives		3
	Credits	**9**
	Total Credits	**60-62**

Social Work AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Human Sciences

Description
This program is for students planning to transfer to a bachelor's degree program in social work (BSW). Career opportunities in social work include social services at federal, state, and local levels; health care social work in nursing homes, hospitals, and outpatient care facilities; mental health facilities; children and youth services; aging services casework; rehabilitation counseling; juvenile detention; family services; pre-adoption investigation; drug and alcohol counseling; group home casework and counseling; and employee assistance counseling. Completion of the following courses results in an associate's degree and meets the general core requirements at Idaho public universities. The suggested coursework normally fulfills the first half of baccalaureate degree requirements in social work. Course selection should be tailored to match requirements defined by intended transfer institutions.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing*		3
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
PSYC-101	Introduction to Psychology	3
SOWK-240	Introduction to Social Work	3
SOWK-241	Social Work Generalist Practice	3
Elective Requirements		
Courses 100-level or higher		16-18
Total Credits		**60-64**

*This General Education Requirement is partially met by the Program Requirements.

Recommended Courses

SUBJECT/ NUMBER	TITLE	CREDITS
ANTH-225	Native People of North America	3
COMM-220	Introduction to Intercultural Communication	3
PSYC-205	Developmental Psychology	3
PSYC-211	Abnormal Psychology	3
SOC-101	Introduction to Sociology	3
SOC-220	Marriage and Family	3
SOC-251	Race and Ethnic Relations	3

Outcomes

Upon completion of the program, students will be able to:

1. Identify as professional social workers and conduct themselves accordingly by attending to professional roles and boundaries, practicing personal reflection and self-correction to assure continual professional development, and by demonstrating professional demeanor in behavior, appearance, and communication.
2. Apply social work ethical principles to guide professional practice by recognizing and managing personal values in a way that allows professional values to guide practice.
3. Apply critical thinking to inform and communicate professional judgments by demonstrating effective oral and written communication in working with individuals, families, groups, organizations, communities, and colleagues, and by analyzing models of assessment, prevention, intervention, and evaluation.
4. Engage diversity and difference in practice and recognize the extent to which a culture's structures and values may oppress, marginalize, alienate, or create or enhance privilege and power. Students will recognize and communicate their understanding of the importance of differences in shaping life experiences, and view themselves as learners who engage those with whom they work as informants.
5. Advance human rights and social and economic justice by beginning to understand the forms and mechanisms of oppression and discrimination.
6. Apply knowledge of human behavior and social environment by utilizing conceptual frameworks to guide the process of assessment, intervention, and evaluation, and by critiquing and applying knowledge to understand person and environment.
7. Engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities by: substantively and affectively prepare for action with individuals, families, groups, organizations, and communities; collecting, organizing and interpreting client data; assessing client strengths and limitations; developing mutually agreed-on intervention goals and objectives.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
COMM-101	Fundamentals of Oral Communication	3
PSYC-101	Introduction to Psychology	3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15-17**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
Elective		3
	Credits	**16**
SEMESTER 3		
SOWK-240	Introduction to Social Work	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 7W - Wellness		1-3
Electives		6
	Credits	**14-16**
SEMESTER 4		
SOWK-241	Social Work Generalist Practice	3
GEM 7I - Institutionally Designated		3
Electives		9
	Credits	**15**
	Total Credits	**60-64**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101	Writing and Rhetoric I	3
PSYC-101	Introduction to Psychology	3
GEM 3 - Mathematical Ways of Knowing		3-5
	Credits	**9-11**
SEMESTER 2		
ENGL-102	Writing and Rhetoric II	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**10**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
SOWK-240	Introduction to Social Work	3
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**9**
SEMESTER 4		
SOWK-241	Social Work Generalist Practice	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**10**
SEMESTER 5		
GEM 7W - Wellness		1-3
Electives		9
	Credits	**10-12**
SEMESTER 6		
GEM 7I - Institutionally Designated		3
Electives		9
	Credits	**12**
	Total Credits	**60-64**

Surgical Technology AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Health Professions

Description
The Surgical Technology program prepares students for entry-level employment as surgical technologists in hospitals, surgery centers, and specialty clinics. The program combines didactic, laboratory, and clinical instruction, which provides students with the knowledge and skills required to enter the field of surgical technology in accordance with the American Medical Association and the Association of Surgical Technologist guidelines. A clinical externship begins in semester four of the Professional Component and provides students with the opportunity to work in real-life settings. The Surgical Technology program is a selective admissions program. Ten students are admitted to the Professional Component of the program each fall semester. Program requirements other than the Professional Component are open to all students who meet specific course prerequisites. An Associate of Applied Science Degree is awarded upon successful completion of the program. All Professional Component courses must be passed with a minimum cumulative grade point average of C+/2.3 and must be passed consecutively before continuing to the next courses.

Requirements

Note: *A minimum grade of C/2.0 is required in all prerequisite courses. A minimum grade of C+/2.3 is required in all SURG courses.*

PREREQUISITES		CREDITS
BIOL-175 or BIOL-228	Human Biology or Human Anatomy and Physiology II with Cadaver	4
ENGL-101	Writing and Rhetoric I	3
SURG-101	Foundations of Surgical Technology	4
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**14-16**
SEMESTER 1		
SURG-112	Disease Process and Pharmacology	4
SURG-120 & 120L	Fundamentals of Surgical Technology I and Fundamentals of Surgical Technology I Lab	6
SURG-130	Surgical Procedures I	4
CAOT-179	Medical Terminology	2
	Credits	**16**
SEMESTER 2		
SURG-121 & 121L	Fundamentals of Surgical Technology II and Fundamentals of Surgical Technology II Lab	3
SURG-131	Surgical Procedures II	4
SURG-140	Clinical Experience I	6
PSYC-101 or SOC-101	Introduction to Psychology or Introduction to Sociology	3
	Credits	**16**
SEMESTER 3		
SURG-141	Clinical Experience II	8
SURG-150	CST Exam Review/Leadership	3
COMM-101	Fundamentals of Oral Communication	3
	Credits	**14**
	Total Credits	**60-62**

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate practical skills required to work as a competent surgical technologist in the operating room including aseptic technique, instrument setup, assisting the surgeon, anticipating the surgeon's needs, and assisting with post-operative care.
2. Correlate their knowledge of anatomy, physiology, pathophysiology, and microbiology concepts to the role as a Surgical Technologist.
3. Understand and correlate the elements, action, and use of medications and anesthetic agents used during the perioperative experience.
4. Implement safe practice techniques during perioperative routines, patient transportation, positioning, and emergency procedures.
5. Integrate principles of surgical asepsis as part of the perioperative experience.
6. Apply knowledge and skills of a professional Surgical Technologist to address the biopsychosocial needs of the surgical patient.
7. Display professionalism, continue educational growth, and value the professional attributes of the Surgical Technologist.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements

Theatre AA

Overview

Degree/Certificate

Associate of Arts

Interest Areas

Arts and Communication

Description

This program is designed for students who want to emphasize the theatre arts in their undergraduate studies. Theatre at NIC serves students pursuing a wide range of career paths; not only those interested in professional performance. Through the study of communication, critical thinking, problem solving, and the development of literary, physical, technical, and psychological/ emotional skills, students gain a strong foundation for success in many fields. The curriculum also offers opportunities for students to explore performance and storytelling across multiple mediums, providing additional creative outlets, aligning with contemporary industry expectations, and strengthening transfer pathways into acting, film, media arts, and interdisciplinary performing arts programs at four-year institutions. There are no program prerequisites. Previous experience is helpful. Scholarships are available. Participation in theatre requires some evenings and weekends.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6-8
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing*		3
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
THEA-101	Introduction to the Theatre	3
THEA-102	Stage Makeup	3
THEA-103	Theatre Technology: Scenery, Lighting, and Sound	3
THEA-114	Theatre Technology: Costume Construction	3
THEA-115	Basics of Performance I	3
THEA-116	Basics of Performance II	3
THEA-190	Theatre Practice	1
THEA-201	Scene Design I	3
THEA-271	Play Analysis	3
Electives		
THEA-281 (recommended) or course 100-level or higher	Screenwriting	3
Total Credits		**61-67**

*This General Education Requirement is partially met by the Program Requirements.

Outcomes

Upon completion of the program, students will be able to:

1. Define and apply theatre terminology in relation to script analysis, technical elements, and acting.
2. Identify various processes involved in the creation of theatrical productions as well as the historical, cultural, and contemporary theatrical trends.
3. Demonstrate the skills of the discipline required to be a successful member of a theatrical team.
4. Identify, communicate and assess the elements necessary for successful productions.
5. Participate in the theatrical arts and utilize creative, analytic, and critical processes to communicate ideas artistically.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
COMM-101	Fundamentals of Oral Communication	3
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
THEA-101	Introduction to the Theatre	3
THEA-103 or THEA-201	Theatre Technology: Scenery, Lighting, and Sound or Scene Design I	3
THEA-115 or THEA-102	Basics of Performance I or Stage Makeup	3
	Credits	**15-16**
SEMESTER 2		
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
THEA-116 or THEA-114	Basics of Performance II or Theatre Technology: Costume Construction	3
GEM 3 - Mathematical Ways of Knowing		3-5
Elective		3
Select one of the following:		3
THEA-271 or GEM 6	Play Analysis or Social and Behavioral Ways of Knowing course	
	Credits	**15-18**
SEMESTER 3		
THEA-190	Theatre Practice	1
THEA-102 or THEA-115	Stage Makeup or Basics of Performance I	3
THEA-201 or THEA-103	Scene Design I or Theatre Technology: Scenery, Lighting, and Sound	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 7W - Wellness		1-3

SEMESTER 1		CREDITS
	Credits	**15-17**
SEMESTER 4		
THEA-114 or THEA-116	Theatre Technology: Costume Construction or Basics of Performance II	3
GEM 4 - Scientific Ways of Knowing		3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
Select one of the following:		3
THEA-271	Play Analysis	
GEM 6 - Social and Behavioral Ways of Knowing		
	Credits	**16**
	Total Credits	**61-67**

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
THEA-102 or THEA-115	Stage Makeup or Basics of Performance I	3
THEA-103 or THEA-201	Theatre Technology: Scenery, Lighting, and Sound or Scene Design I	3
	Credits	**9-10**
SEMESTER 2		
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
THEA-101	Introduction to the Theatre	3
THEA-190	Theatre Practice	1
THEA-114 or THEA-116	Theatre Technology: Costume Construction or Basics of Performance II	3
	Credits	**10-11**
SEMESTER 3		
COMM-101	Fundamentals of Oral Communication	3
THEA-115 or THEA-102	Basics of Performance I or Stage Makeup	3
GEM 4 - Scientific Ways of Knowing		3-4
	Credits	**10**
SEMESTER 4		
GEM 3 - Mathematical Ways of Knowing		3-5
THEA-116 or THEA-114	Basics of Performance II or Theatre Technology: Costume Construction	3
Elective		3
Select one of the following:		3
THEA-271 or GEM 6	Play Analysis or Social and Behavioral Ways of Knowing course	

SEMESTER 1		CREDITS
	Credits	**12-14**
SEMESTER 5		
GEM 4 - Scientific Ways of Knowing		3-4
GEM 7I - Institutionally Designated		3
THEA-201 or THEA-103	Scene Design I or Theatre Technology: Scenery, Lighting, and Sound	3
	Credits	**10**
SEMESTER 6		
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7W - Wellness		1-3
Select one of the following:		3
THEA-271 or GEM 6	Play Analysis or Social and Behavioral Ways of Knowing course	
	Credits	**10-12**
	Total Credits	**61-67**

Pre-Veterinary Medicine AS

Overview

Degree/Certificate
Associate of Science

Interest Areas
Health Professions

Description
The states of Idaho and Washington have an agreement which guarantees a certain number of places in the Washington State University College of Veterinary Medicine to qualified Idaho residents. Normally, students must maintain an overall undergraduate GPA of at least 3.50 in their studies prior to admission to the program. Candidates with greater depth and breadth of academic background are given preference by WSU. The Graduate Record Examination (GRE) scores must be received by October 1 of the year of application. While students may enter the program following completion of an associate degree program, acceptance is normally not gained until a baccalaureate program is completed. Completion of the following courses results in an associate's degree with an area of emphasis in Pre-Veterinary Medicine. The required coursework normally fulfills the first half of baccalaureate degree requirements in Pre-Veterinary Medicine. Course selection should be tailored to match requirements defined by intended transfer institutions.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing*		0
GEM 4 - Scientific Ways of Knowing*		0
GEM 5 - Humanistic and Artistic Ways of Knowing		6
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
BIOL-115	Introduction to Life Sciences	4
CHEM-111	General Chemistry I	5
CHEM-112	Principles of General College Chemistry II	5
CHEM-277	Organic Chemistry I	3
CHEM-278	Organic Chemistry I Lab	1
PHYS-111	General Physics I	4
PHYS-112	General Physics II	4
ZOOL-202	General Zoology	4
MATH-160	Survey of Calculus	4
or MATH-170	Calculus I	
Elective Requirements		
Courses 100-level or higher		1
Total Credits		**60-62**

*This General Education Requirement is met by the Program Requirements.

Full-Time Pathway

Part-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
COMM-101	Fundamentals of Oral Communication	3
ENGL-101	Writing and Rhetoric I	3
MATH-160 or MATH-170	Survey of Calculus or Calculus I	4
	Credits	**15**
SEMESTER 2		
BIOL-115	Introduction to Life Sciences	4
CHEM-112	Principles of General College Chemistry II	5
ENGL-102	Writing and Rhetoric II	3
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**15**
SEMESTER 3		
PHYS-111	General Physics I	4
CHEM-277	Organic Chemistry I	3
CHEM-278	Organic Chemistry I Lab	1
GEM 5 - Humanistic and Artistic Ways of Knowing		3
GEM 6 - Social and Behavioral Ways of Knowing		3
Elective		1
	Credits	**15**
SEMESTER 4		
PHYS-112	General Physics II	4
ZOOL-202	General Zoology	4
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
GEM 7W - Wellness		1-3
	Credits	**15-17**
	Total Credits	**60-62**

Part-Time Pathway

SEMESTER 1		CREDITS
CHEM-111	General Chemistry I	5
ENGL-101	Writing and Rhetoric I	3
MATH-160 or MATH-170	Survey of Calculus or Calculus I	4
	Credits	**12**
SEMESTER 2		
BIOL-115	Introduction to Life Sciences	4
CHEM-112	Principles of General College Chemistry II	5
ENGL-102	Writing and Rhetoric II	3
	Credits	**12**
SEMESTER 3		
CHEM-277	Organic Chemistry I	3
CHEM-278	Organic Chemistry I	1
PHYS-111	General Physics I	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**11**
SEMESTER 4		
COMM-101	Fundamentals of Oral Communication	3
PHYS-112	General Physics II (Spring only)	4
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**10**
SEMESTER 5		
ZOOL-202	General Zoology	4
GEM 5 - Humanistic and Artistic Ways of Knowing		3
	Credits	**7**
SEMESTER 6		
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
GEM 7W - Wellness		1-3
Elective		1
	Credits	**8-10**

SEMESTER 1		CREDITS
	Total Credits	**60-62**

Heavy Equipment Operations Apprenticeship AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Trades and Industry

Description
This program is offered in partnership with NIC's Workforce Development and Career and Technical Education division. It is specifically designed for students who have completed a state or federally-approved Heavy Equipment Apprenticeship program consisting of 6000 hours of on-the-job training and 557.5 hours of classroom instruction. The Heavy Equipment Operator Apprenticeship Program covers the foundational skills of safety, pre and post-operation checks, site planning and layout, and operations for a range of light-duty and heavy equipment. Heavy Equipment Operations supports multiple unique training pathways and credentials for Utility Tractors, Forklift, Loader, Dozer, Motor Graders, and more. The three-level Heavy Equipment Operations curriculum is designed to be used flexibly in conjunction with other craft training material. It also complies with the U.S. Department of Labor's standards for apprenticeship programs. Upon completion of the full apprenticeship program, transcription of credits must be initiated by contacting NIC's Workforce Training Center. Completion of general education requirements may occur before, at the same time, or after completion of the apprenticeship courses.

Requirements

SUBJECT/ NUMBER	TITLE	CREDITS
General Education Requirements		
GEM 1 - A.A.S. Written Communication		3-4
GEM 2 - A.A.S. Oral Communication		3
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
A.A.S. Institutionally Designated		3-5
Program Requirements		
VLAP-101	Heavy Equipment Operator Apprenticeship - 1st Year	15
VLAP-102	Heavy Equipment Operator Apprenticeship - 2nd Year	15
VLAP-103	Heavy Equipment Operator Apprenticeship - 3rd Year	15
Total Credits		**60-65**

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate heavy equipment maintenance.
2. Differentiate aspects of a site plan.
3. Employ leverage, motion, and momentum during heavy equipment operation.
4. Implement safe practices.
5. Maintain current OSHA/MSHA certifications and qualifications.
6. Operate competently no less than four (4) types of heavy equipment.
7. Relate grade to a given task.
8. Act professionally with mutual respect.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements; Written and Oral Communications; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Virtual Assistant ITC

Overview

Degree/Certificate

Interm Technical Certificate

Interest Areas

Business

Description

The Virtual Assistant certificate is designed for students to develop administrative support skills that can be delivered virtually. These skills include in-depth computer applications, emerging office technology, transcription, and other general clerical skills. Graduates of this program have opportunities to work as employees who telecommute or are independent contractors providing much-needed administrative support skills to a wide variety of organizations.

Requirements

SEMESTER 1		CREDITS
CAOT-115	Outlook	1
CAOT-120	Word Processing/Word I	1
CAOT-121	Word Processing/Word II	1
CAOT-122	Word Processing/Word III	1
CAOT-123	AI Essentials for the Workplace	3
CAOT-140	Database/Access I	1
CAOT-164	Computer Fundamentals for Technical Programs	1
CAOT-166	Living Online for Technical Programs	1
CAOT-183	Business Editing and Proofreading	3
Select one of the following:		3-5
BLDR-120	Financial Business Applications	
GEM 3 - Mathematical Ways of Knowing		
	Credits	**16-18**
SEMESTER 2		
CAOT-124	Social Media Marketing	3
CAOT-130	Spreadsheets/Excel I	1
CAOT-131	Spreadsheets/Excel II	1
CAOT-132	Spreadsheets/Excel III	1
CAOT-150	PowerPoint	1
CAOT-184	Records Systems Management	3
CAOT-205	Business Document Formatting/ Transcription	2
CAOT-210	Office Procedures and Technologies	3
CAOT-292	Administrative Support Internship	3
	Credits	**18**
	Total Credits	**34-36**

Outcomes

Upon completion of the program, students should be able to:

1. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in an entry-level virtual office position.
2. Use integrated computational skills to solve a variety of business applications such as inventory, payroll, calculating interest, and budget monitoring.
3. Describe the changing work environment and the skills needed by the administrative professional to function in a changing work environment.
4. Organize and prioritize time and tasks within a business environment.
5. Examine planning and leadership skills and characteristics and evaluate the role they play in organizational success.
6. Use problem solving, interpersonal, and collaborative skills to complete work independently or in a team in an ethical and professional manner.
7. Utilize business terminology and vocabulary to communicate in both written and oral forms following rules of confidentiality.
8. Develop, edit, format, and proofread, correspondence that meet acceptable business standards.
9. Develop and apply project management, records management, and organizational skills to complete office tasks and projects.
10. Use a variety of computer applications to produce multiple documents required in a variety of office settings.
11. Conduct internet searches to locate business information; analyze and evaluate its useful in given business scenarios.
12. Demonstrate the ability to use innovative technologies (such as teleconferences, webinars, blogs, social media, web pages, cloud-based platforms, etc.) in an office environment.
13. Demonstrate professionalism through acceptable attitude, organization and time management skills, and attire.

Welding Technology AAS

Overview

Degree/Certificate
Associate of Applied Science

Interest Areas
Trades and Industry

Description
This program is designed to prepare students for entry-level employment as a welder. The program complies with national standards established by the American Welding Society (AWS). It combines theory and applied shop practice designed to develop welding skills. Students receive instruction on welding processes including OAC (oxy-acetylene cutting), SMAW (shielded metal arc welding), GMAW (gas metal arc welding), and GTAW (gas tungsten arc welding), as well as blueprint reading, layout procedures, metallurgy, and safety. Successful completion of each semester and/or permission of the instructor is required for acceptance into the next semester. Placement in specific English and math courses is determined by the college assessment test. Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Requirements

SEMESTER 1		CREDITS
WELD-105	Welding Theory	2
WELD-112	Safety and Leadership	2
WELD-121	Blueprint Reading for Welders	2
WELD-187L	SMAW Practical	4
WELD-188L	Advanced SMAW Practical	1
WELD-197L	Oxy/Fuel Cutting Lab	1
GEM 3 - A.A.S. Mathematical Ways of Knowing		3-5
	Credits	**15-17**
SEMESTER 2		
WELD-106	Welding Theory II	2
WELD-131	Advanced Blueprint Reading	3
WELD-182L	Welding Lab II	6
ENGL-101	Writing and Rhetoric I	3
	Credits	**14**
SEMESTER 3		
WELD-225	Advanced Welding Theory	3
WELD-226	Layout/Mechanical Drawing	2
WELD-281L	Shielded Metal Arc Welding	7
COMM-101	Fundamentals of Oral Communication	3
A.A.S. Institutionally Designated		3
	Credits	**18**
SEMESTER 4		
WELD-227	Advanced Welding Theory II	3
WELD-228	Advanced Mechanical Drawing	3
WELD-291L	Gas Tungsten Arc Welding Lab	6
GEM 6 - A.A.S. Social and Behavioral Ways of Knowing		3
	Credits	**15**
	Total Credits	**62-64**

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate and apply the proper safety requirements for set-up and operation of welding and fabrication equipment per industry standards and specifications.
2. Demonstrate proper welding techniques in SMAW, GMAW, FCAW, OFC, CAC-A and PAC processes on structural steel.
3. Interpret and create welding blueprints and shop drawings that are used in the welding industry and in the lab environment.
4. Interpret and apply AWS welding symbols and non-destructive symbols that are standard to the welding industry.
5. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in the welding industry.
6. Demonstrate the proper welding techniques in SMAW, FCAW, GMAW, GTAW, OFC, and CAC-A processes on pipe.
7. Apply common principles and practices of welding metallurgy and its effects in the welding, heating, and cooling of different metals.
8. Describe the concept of quality, and be able to produce quality welds per industry standards per quality control documents and codes.

In addition to the program outcomes, students will meet the following North Idaho College General Education (GEM) Requirements: Written and Oral Communication; Mathematical Ways of Knowing; Social and Behavioral Ways of Knowing; and an additional program-designated or selected course from any of the GEM requirements.

Welding Technology ATC

Overview

Degree/Certificate

Advanced Technical Certificate

Interest Areas

Trades and Industry

Description

This program is designed to prepare students for entry-level employment as a welder. The program complies with national standards established by the American Welding Society (AWS). It combines theory and applied shop practice designed to develop welding skills. Students receive instruction on welding processes including OAC (oxy-acetylene cutting), SMAW (shielded metal arc welding), GMAW (gas metal arc welding), and GTAW (gas tungsten arc welding), as well as blueprint reading, layout procedures, metallurgy, and safety.Successful completion of each semester and/or permission of the instructor is required for acceptance into the next semester. Placement in specific English and math courses is determined by the college assessment test. Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Requirements

SEMESTER 1		CREDITS
WELD-105	Welding Theory	2
WELD-112	Safety and Leadership	2
WELD-121	Blueprint Reading for Welders	2
WELD-187L	SMAW Practical	4
WELD-188L	Advanced SMAW Practical	1
WELD-197L	Oxy/Fuel Cutting Lab	1
MCTE-106	Technical Mathematics for Industrial Mechanic/Millwright; HVAC; Welding	3
	Credits	**15**
SEMESTER 2		
WELD-106	Welding Theory II	2
WELD-131	Advanced Blueprint Reading	3
WELD-182L	Welding Lab II	6
ATEC-117	Occupational Relations and Job Search	2
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**16**
SEMESTER 3		
WELD-225	Advanced Welding Theory	3
WELD-226	Layout/Mechanical Drawing	2
WELD-281L	Shielded Metal Arc Welding	7
	Credits	**12**
SEMESTER 4		
WELD-227	Advanced Welding Theory II	3
WELD-228	Advanced Mechanical Drawing	3
WELD-291L	Gas Tungsten Arc Welding Lab	6
	Credits	**12**
	Total Credits	**55**

Outcomes

Upon completion of the program, students will be able to:

1. Demonstrate and apply the proper safety requirements for set-up and operation of welding and fabrication equipment per industry standards and specifications.
2. Demonstrate proper welding techniques in SMAW, GMAW, FCAW, OFC, CAC-A and PAC processes on structural steel.
3. Interpret and create welding blueprints and shop drawings that are used in the welding industry and in the lab environment.
4. Interpret and apply AWS welding symbols and non-destructive symbols that are standard to the welding industry.
5. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in the welding industry.
6. Demonstrate the proper welding techniques in SMAW, FCAW, GMAW, GTAW, OFC, and CAC-A processes on pipe.
7. Apply common principles and practices of welding metallurgy and its effects in the welding, heating, and cooling of different metals.
8. Describe the concept of quality, and be able to produce quality welds per industry standards per quality control documents and codes.

Welding Technology ITC

Overview

Degree/Certificate
Interm Technical Certificate

Interest Areas
Trades and Industry

Description
This program is designed to prepare students for entry-level employment as a welder. The program complies with national standards established by the American Welding Society (AWS). It combines theory and applied shop practice designed to develop welding skills. Students receive instruction on welding processes including OAC (oxy-acetylene cutting), SMAW (shielded metal arc welding), GMAW (gas metal arc welding), and GTAW (gas tungsten arc welding), as well as blueprint reading, layout procedures, metallurgy, and safety. Successful completion of each semester and/or permission of the instructor is required for acceptance into the next semester. Placement in specific English and math courses is determined by the college assessment test. Current industry professionals may enroll in individual courses on a space-available basis and with the instructor's permission.

Requirements

SEMESTER 1		CREDITS
WELD-105	Welding Theory	2
WELD-112	Safety and Leadership	2
WELD-121	Blueprint Reading for Welders	2
WELD-187L	SMAW Practical	4
WELD-188L	Advanced SMAW Practical	1
WELD-197L	Oxy/Fuel Cutting Lab	1
MCTE-106	Technical Mathematics for Industrial Mechanic/Millwright; HVAC; Welding	3
	Credits	**15**
SEMESTER 2		
WELD-106	Welding Theory II	2
WELD-131	Advanced Blueprint Reading	3
WELD-182L	Welding Lab II	6
ATEC-117	Occupational Relations and Job Search	2
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3
	Credits	**16**
	Total Credits	**31**

Outcomes
Upon completion of the program, students will be able to:

1. Demonstrate and apply the proper safety requirements for set-up and operation of welding and fabrication equipment per industry standards and specifications.
2. Demonstrate proper welding techniques in SMAW, GMAW, FCAW, OFC, CAC-A and PAC processes on structural steel.
3. Interpret and create welding blueprints and shop drawings that are used in the welding industry and in the lab environment.
4. Interpret and apply AWS welding symbols and non-destructive symbols that are standard to the welding industry.
5. Demonstrate appropriate work relationships and habits, communication skills, and computation skills used in the welding industry.

World Languages AA

Overview

Degree/Certificate
Associate of Arts

Interest Areas
Arts and Communication

Description
The study of world cultures is an integral part of a well-rounded education. Learning another language provides a sense of shared humanity and offers insight into the human mind, this promoting multi-cultural understanding. It improves intellectual skills, helps the learner understand the customs, culture, and literature of others, and provides a wealth of material in other languages. The knowledge of world languages is much needed and in demand in business and commerce, civil service, law, media, applied sciences, service occupations, tourism, social sciences, health professions, and engineering among others. Students wanting to major in a world language are urged to complete an Associate of Arts Degree. Complete of the outlines courses results in an associate's degree and meets the general core requirements at all Idaho public universities. The suggested coursework normally fulfills the first half of baccalaureate degree requirements in World Language. Course selection should be tailored to match requirements defined by intended transfer institutions. It is strongly suggested that students majoring in this program take courses in at least two world languages since many universities require such before issuing a Bachelor of Arts in World Languages.

Requirements

General Education Requirements		
GEM 1 - Written Communication		6-8
GEM 2 - Oral Communication		3
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 4 - Scientific Ways of Knowing		7-8
GEM 5 - Humanistic and Artistic Ways of Knowing*		0
GEM 6 - Social and Behavioral Ways of Knowing		6
GEM 7W - Wellness		1-3
Select one of the following:		3
GEM 7F - First Year Experience		
GEM 7I - Institutionally Designated		
Program Requirements		
Select one Modern Language discipline:		16
French		
German		
Spanish		
WOCU-201 or WOCU-207	Contemporary World Cultures or Study Abroad	3
COMM-220	Introduction to Intercultural Communication	3
Electives		
Courses 100-level or higher		2-9
Total Credits		**60-67**

*This General Education Requirement is met by the Program Requirements.

Outcomes
Upon completion of the program, students will be able to:

1. Perform at the intermediate level of language proficiency based on the ACTFL Guidelines in all areas of communication: Reading, Writing, Speaking, and Listening.
2. Identify diverse cultures where the target language is spoken.

In addition to the program outcomes, students will meet the North Idaho College General Education (GEM) Requirements.

Full-Time Pathway

Full-Time Pathway

SEMESTER 1		CREDITS
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
COMM-101 or WOCU-201	Fundamentals of Oral Communication or Contemporary World Cultures	3
GEM 4 - Scientific Ways of Knowing		3-4
Select one Elementary I Modern Language:		4
French		
German		
Spanish		
	Credits	**13-15**
SEMESTER 2		
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 7W - Wellness		1-3
Elective		3
Select one Elementary II Modern Language:		4
French		
German		
Spanish		
	Credits	**14-19**
SEMESTER 3		
WOCU-201 or COMM-101	Contemporary World Cultures or Fundamentals of Oral Communication	3
GEM 4 - Scientific Ways of Knowing		4
GEM 6 - Social and Behavioral Ways of Knowing		3
Elective		3
Select one Intermediate I Modern Language:		4
French		
German		
Spanish		

SEMESTER 1		CREDITS
	Credits	**17**
SEMESTER 4		
COMM-220	Introduction to Intercultural Communication	3
WOCU-207	Study Abroad*	3
GEM 6 - Social and Behavioral Ways of Knowing		3
GEM 7I - Institutionally Designated		3
Select one Intermediate II Modern Language:		4
French		
German		
Spanish		
	Credits	**16**
	Total Credits	**60-67**

*Substitute with Elective course if needed.

Part-Time Pathway

Part-Time Pathway

SEMESTER 1		CREDITS
ENGL-101 or ENGL-101P	Writing and Rhetoric I or Writing and Rhetoric I	3-4
WOCU-201 or COMM-101	Contemporary World Cultures or Fundamentals of Oral Communication	3
Select one Elementary I Modern Language:		4
French		
German		
Spanish		
	Credits	**10-11**
SEMESTER 2		
GEM 3 - Mathematical Ways of Knowing		3-5
GEM 7W - Wellness		1-3
Elective		3
Select one Elementary II Modern Language:		4
French		
German		
Spanish		
	Credits	**11-15**
SEMESTER 3		
ENGL-102 or ENGL-102P	Writing and Rhetoric II or Writing and Rhetoric II	3-4
GEM 6 - Social and Behavioral Ways of Knowing		3
Select one Intermediate I Modern Language:		4
French		
German		
Spanish		
	Credits	**10-11**
SEMESTER 4		
COMM-101 or WOCU-201	Fundamentals of Oral Communication or Contemporary World Cultures	3
GEM 4 - Scientific Ways of Knowing		3-4

SEMESTER 1		CREDITS
Select one Intermediate II Modern Language:		4
French		
German		
Spanish		
	Credits	**10-11**
SEMESTER 5		
COMM-220	Introduction to Intercultural Communication	3
GEM 7I - Institutionally Designated		3
Elective		3
	Credits	**9**
SEMESTER 6		
WOCU-207	Study Abroad*	3
GEM 4 - Scientific Ways of Knowing		4
GEM 6 - Social and Behavioral Ways of Knowing		3
	Credits	**10**
	Total Credits	**60-67**

*Substitute with Elective course if needed.

All Courses

ACCT142 - QuickBooks Online Computerized Accounting

Overview

Description
This course will introduce students to the concepts of computerized accounting using QuickBooks Online software. The course will review basic accounting principles used in accurate accounting records.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ACCT-110 or ACCT-201

Type
Corequisite

ACCT-110 or ACCT-201

Take ACCT-110 or ACCT-201; Minimum grade C-;

ACCT201 - Principles of Accounting

Overview

Description
This course is an introduction to contemporary financial accounting. It emphasizes basic terminology and concepts, the theoretical framework of double entry accounting, and descriptions and derivation of the primary financial statements prepared by accountants. Upon completion of ACCT-201, students may not receive credit for ACCT-110 and/or ACCT-111.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

ACCT202 - Managerial Accounting

Overview

Description
This course is a continuation of ACCT-201 with emphasis on accounting theory and procedures relating to corporations. Manufacturing accounting and accounting for managerial decision making, including analysis and interpretations of financial statements and introduction to cost behavior, is emphasized.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ACCT-201

Type
Prerequisite

ACCT-201

Take ACCT-201; Minimum grade C-;

ACRR161 - Exterior and Interior Renovation

Overview

Description
This course offers classroom introduction to basic automotive refinishing and primarily covers automotive detailing. Automotive finishes, products used, and techniques will be covered. Emphasis will be placed on prewash, exterior polish, and interior renovation of "live" customer vehicles. Health and safety issues will also be covered.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

ACRR162 - Fundamentals of Collision Repair

Overview

Description
This course offers classroom introduction and discussion related to the fundamentals of collision repair, welding, trim and hardware, and exterior panel repair for automobiles. Vehicle construction and terminology, collision energy management, automotive fasteners, and bolt-on replacement parts will also be covered. Health and safety issues will also be covered.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

ACRR163 - Damage Analysis and Small Dent Repair

Overview

Description
This course offers classroom introduction and discussion to automotive refinishing related to straightening and repairing steel, body fillers and application techniques, analysis of damage and appropriate repair strategies. Health and safety issues will also be covered.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

ACRR164 - Introduction to Paint Refinishing

Overview

Description
This course offers classroom introduction and discussion related to automotive corrosion protection and application, and introduction to automotive painting fundamentals. Surface preparation, masking, finish identification, primers, and fundamentals of paint chemistry will also be covered. Health and safety issues will also be covered.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

ACRR165L - Collision Repair Lab I

Overview

Description
This course features hands-on shop experience in all phases of auto refinishing, gas metal arc welding, basic body panel repair techniques, fiberglass and plastic parts repair. Mock-up vehicles as well as actual customer work will be utilized. Health and safety practices are promoted.

Credit Hours:
6

Offering Cycle
Fall Only

Yearly Cycle
All Years

ACRR166L - Collision Repair Lab II

Overview

Description
Collision Repair Lab II is a continuation of the hands-on concepts covered in ACRR 165L which includes all phases of auto refinishing, gas metal arc welding, basic body panel repair techniques, fiberglass and plastic parts repair. Mock-up vehicles as well as actual customer work will be utilized.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

ACRR171 - Paint Refinishing Fundamentals

Overview

Description
This course offers classroom introduction and discussion related to safety and the environment, refinish equipment, and color theory, application, tinting, and blending. MSDS, environmental laws, and material mixing will also be covered. Health and safety issues will also be covered.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

ACRR172 - Damage Analysis and Estimating

Overview

Description
This course offers classroom introduction and discussion related to vehicle construction and vehicle identification numbers (VIN), collision repair estimates, crash manuals, damage analysis, and introduction to measuring. Damage reporting, cooling systems, air conditioning, and interior analysis will also be covered. Health and safety issues will also be covered.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

ACRR173 - Measurement and Structural Analysis

Overview

Description
This course offers classroom introduction and discussion related to damage conditions, point-to-point measuring and three-dimensional measuring, and structural steel parts. Frame sectioning, and vehicle body assembly will also be covered. Health and safety issues will also be covered.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

ACRR174 - Surface Prep and Adhesive Bonding

Overview

Description
This course offers classroom introduction and discussion related to adhesive bonding, panel removal and installation will also be covered. Health and safety issues will also be covered.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

ACRR175L - Collision Repair Lab III

Overview

Description
This course features hands-on shop experience in all phases of auto refinishing, gas metal arc welding, basic body panel repair techniques, fiberglass and plastic parts repair. Mock-up vehicles as well as actual customer work will be utilized. Health and safety practices are promoted.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

ACRR176L - Collision Repair Lab IV

Overview

Description
This course features hands-on shop experience in all phases of auto refinishing, gas metal arc welding, basic body panel repair techniques, fiberglass and plastic parts repair. Mock-up vehicles as well as actual customer work will be utilized. Health and safety practices are promoted.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

AIST101 - American Indian Studies

Overview

Description
This course provides a general overview of American Indian history, culture, philosophy, religious practices, music, art, literature, tribal law, government, and sovereignty. The course will focus on both traditional and contemporary cultures with an emphasis on issues in American Indian life. The course will also cover the origins and development of content and method in American Indian studies, focusing on patterns of persistence and change in American Indian communities, especially political, linguistic, social, legal, and cultural change.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

AIST285 - American Indian Literature

Overview

Description
This course explores traditional American Indian world views and belief systems as reflected in myths and legends, as well as contemporary poetry, short stories, and novels by Native Americans. The difference between American Indian and Eurocentric world views and the implications of these differences will be considered, as illustrated in literature. The course will also explore political, sociological, and psychological effects on American Indians of U.S. governmental policies and actions taken in regard to various tribes. This course is the same as ENGL-285.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

ENGL-175

Type
Prerequisite

ENGL-175

Take ENGL-175;

AIST299 - IS: American Indian Studies

Overview

Description
Independent Study in American Indian Studies.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

ALTH107 - Communication for Health Professionals

Overview

Description
This course provides allied health students the opportunity to develop communication skills necessary for effective helping and teamwork relationships.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ALTH130 - Nursing Assistant (CNA)

Overview

Description
Nursing Assistant (CNA) serves as an introduction to health care as a provider. The course prepares students to provide basic physical and environmental care for individuals in a variety of health care and home care settings. The course is designed as competency-based education, meaning that students will be required to demonstrate the knowledge and skills they have acquired. At the completion of this course, the students will be eligible to take the state mandate written and clinical skills exams. Successful completion of the state exams meets all the requirements of P.L. 100-203, Omnibus Budget Reconciliation Act (OBRA), of 1987.

Credit Hours:
5

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

ANTH100 - Introduction to Anthropology

Overview

Description
This course provides a basic understanding of the four sub-fields of anthropology: biological anthropology, archaeology, linguistics, and sociocultural anthropology. The course introduces foundational concepts, theories, and methods used by anthropologists to examine human cultural and biological variation through time and space. Emphasis is placed upon how the science of anthropology can be applied to help understand and solve contemporary problems.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

ANTH102 - Cultural Anthropology

Overview

Description
This course provides a detailed overview of cultural anthropology. The course examines foundational concepts, methods, and theories used by anthropologists to examine the diversity of cultural practices and beliefs that exist throughout the world. Topics include: language, kinship, religion, magic, witchcraft, political systems, gender, and inequality among others. Emphasis is placed upon the comparative study of indigenous communities and how the science of cultural anthropology can be applied to help understand and solve contemporary problems.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ANTH103 - Introduction to Archaeology

Overview

Description
This course provides a general overview of prehistoric and historical archaeology. Topics include history of archaeology; dating methods and chronology; techniques used to reconstruct the physical, biological and behavioral adaptations of humans; cultural resource management; and public archaeology.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ANTH104 - Biological Anthropology

Overview

Description
This course compromises foundational concepts, methods, and theories, used by anthropologists to study human evolution. Topics include evolutionary theory, genetics, human variation, adaption, primates, the fossil record, and the relationship between environment, biology, and behavior. Students will examine where, when, how, and why humans have evolved to be the species that we are today.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ANTH225 - Native People of North America

Overview

Description
This course provides a general overview of the Indigenous cultures of North America, with an emphasis on specific Indigenous cultures of the Northwest. The course takes a critical approach to foundational concepts and methods used by anthropologists, reflecting the current trend of the discipline grappling with traditionally colonial mindset. This course examines the variance of language, socio-political and legal systems, ideas and structures of kinship and family, relations of land, and contemporary legal and environmental issues facing Indigenous North Americans. This course's definition of "North America" includes Native Hawaiians, Alaska Natives, and the Indigenous peoples of the colonial territories of the United States. This course is the same as AIST-225.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ANTH-100

Type
Prerequisite

ANTH-100

Take ANTH-100;

ANTH298 - Fieldwork Practicum

Overview

Description

This course offers credit for involvement in fieldwork opportunities related to anthropology. Typically, students volunteer for local, state, and federal agencies or participate in field schools operated by educational institutions or non-profit organizations. The goals of this practicum are to gain applied knowledge and skills while also providing service to the community.

Requirements include supervision by a representative of the hosting organization and an NIC anthropology faculty member. Enrollment is dependent on the faculty and student finding a suitable position. Students should contact lead anthropology faculty prior to communicating with possible organizations, preferably the semester before the student would like to complete the practicum. Practicum opportunities may require a specific application process, which may take some time to complete. Instructor permission required.

Credit Hours:
1

Maximum Credit Hours:
6

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ANTH-102

Type
Prerequisite

ANTH-102

Take ANTH-102;

ANTH-103

Type
Prerequisite

ANTH-103

Take ANTH-103;

ANTH-104

Type
Prerequisite

ANTH-104

Take ANTH-104;

ANTH-225

Type
Prerequisite

ANTH-225

Take ANTH-225;

ANTH299 - IS: Readings in the History of Anthropology

Overview

Description
This course is an individual study in which students complete readings from books relating to the development of modern anthropological thinking. Students will prepare a document based on those readings.

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ANTH-251

Type
Prerequisite

ANTH-251

Take ANTH-101 or ANTH-251; Minimum grade C-;

ANTH-220

Type
Prerequisite

ANTH-220

Take ANTH-102 or ANTH-220; Minimum grade C-;

ANTH-230

Type
Prerequisite

ANTH-230

Take ANTH-230; Minimum grade C-;

ENGL-102

Type
Prerequisite

ENGL-102

Take ENGL-102; Minimum grade C-;

ART100 - Introduction to Art

Overview

Description
This course is designed to create a greater aesthetic understanding and appreciation of the various visual arts. Emphasis will be on painting, sculpture, architecture, and related art forms. When appropriate, gallery tours, films, and visiting artists will be included. A basic understanding of visual art coordinates with the principles emphasized in studio art classes. This course is appropriate for both non-art students and art majors who wish to view art with greater awareness and respond to and evaluate art with approaches that are both objective and critically subjective.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

ART101 - Art History from Caves to Cathedrals

Overview

Description
This course offers a historical survey of visual art from prehistoric societies to the 12th century. Through study of significant works of visual art, including architecture, sculpture, and painting, students develop aesthetic awareness along with an understanding of the societies and cultural contexts pivotal to the development of European and non-European art. This process enables the student to make connections to contemporary society and culture. No prior course or experience with art or history is required.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ART102 - Art History from Da Vinci to Digital

Overview

Description
This course offers a historical survey of visual art from the 1300s to the present. Through study of significant works of visual art, including architecture, sculpture, painting, and current digital arts, the course emphasizes the struggle to find a universal visual language for a world of changing values, new institutions, and unprecedented diversity. This course develops students' understanding of the interconnections of visual art within diverse societies and cultural contexts. Students learn how creative expression and visual communication relate to contemporary society and culture. No prior course or experience with art or history is required.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ART111 - Drawing I

Overview

Description
This course offers beginning experiences in the concepts of composition, line, value, form, perspective and texture, introduced through the use of still life, nature, and the model. The media used include charcoal, conte, pencil, and dry pastels. This course is also fundamental for the Graphic Design program and for transfer programs in fine arts and architecture. The concepts covered in this course will help students develop a visual vocabulary as well as a heightened ability to "see" and respond creatively.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ART112 - Drawing II

Overview

Description
This course is a continuation of ART-111 with an emphasis on personal artistic expression and imagery. Students will be exposed to a variety of drawing mediums and approaches to the picture plane. Traditional, as well as contemporary trends in drawing, will be explored.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ART-111

Type
Prerequisite

ART-111

Take ART-111; Minimum grade C-;

ART121 - 2-D/Design Foundations

Overview

Description
This course offers instruction in the design process with consideration of abstract/concrete and intangible/tangible elements. These design elements are explored through various media in two-dimensional problems. ART-121 helps students to channel conceptual thinking and to organize and master skills of the basic elements of art. The course is necessary for the artist/designer in all fields.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

ART122 - 3-D/Design Foundations I

Overview

Description
This course offers instruction in the use of basic art fundamentals as applied to three-dimensional art work and the creative concepts evolving from these properties. This course helps students to channel conceptual thinking and organize and master skills of the basic elements of art as they relate to three-dimensional expression. Design II is important for artists and designers in all fields.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

ART180 - Plein Air Art

Overview

Description
This course takes students outdoors to create artwork (weather permitting). The course introduces students to different mediums, their application, and the visual and tactile elements of composition, design, and color. Emphasis will be on visual thinking, exposure to materials, and technical approaches. This is a beginning course that teaches basic skills. Class supplies are to be purchased by the student. The medium selected (drawing, painting, watercolor, etc.) may change each semester. This course does not serve as a prerequisite for any of the Art program classes. This course may be repeated for credit. This course is graded as satisfactory or unsatisfactory.

Credit Hours:
1

Offering Cycle
Summer Only

Yearly Cycle
All Years

ART183 - Intro to Digital Photography

Overview

Description
This course uses the advanced digital camera to build basic skills in students who have an interest in photography, but no prior experience. Using a combination of lecture, demonstration, and hands-on exercises, this course will explore the basic photographic techniques and artistic concerns involved in making photographs. These include camera handling, composition, effective use of light, file management, digital image manipulation and developing a photographic vision. Students entering the course must have a digital camera with aperture priority, shutter priority, and exposure compensation. Students are also responsible for all digital storage media.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ART185 - Adobe Photoshop and Lightroom

Overview

Description
This course introduces students to the importance of a digital photography workflow using the industry standard software - Adobe Lightroom and Photoshop. Many aspects of the software will be discussed, including required hardware, image capture, file formats, color space, and output management. The class includes detailed demonstrations, hands-on exercises, and constructive critiques to assist in developing the necessary skills for a complete digital photography workflow, as well as techniques for photo editing and retouching.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ART217 - Life Drawing I

Overview

Description
This course offers an exploration of various media to develop an artistic understanding of the human form. Emphasis will include both anatomical analysis and interpretive drawing of the undraped and draped model. ART-217 helps to develop eye/hand coordination that is important for careers in applied arts and fine arts.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ART-112

Type
Corequisite

ART-112

Take ART-112; Minimum grade C-;

ART218 - Life Drawing II

Overview

Description
This course is an exploration in the artistic expression of the draped and undraped human form. Included will be drawing in various media from the model with an emphasis on personal interpretation. ART-218 offers a basis for development in any of the visual arts. The course equally accommodates the gestural artist and the technical illustrator.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ART-111

Type
Prerequisite

ART-111

Take ART-111; Minimum grade C-;

ART-112

Type
Prerequisite

ART-112

Take ART-112; Minimum grade C-;

ART231 - Beginning Painting I

Overview

Description
This course develops competence with the oil paint medium through specific assignments designed to emphasize composition and the fundamentals of painting and color. Attention is given to visual thinking, exploration, exposure to materials, and technical procedures. The course is structured around individual instruction and group critiques. ART-231 helps develop ideas and competence with a creative medium. It promotes the articulation of feelings and objectives through a descriptive visual vocabulary. Class supplies are to be purchased by the student.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ART232 - Beginning Painting II

Overview

Description
This course offers additional instruction in the knowledge and understanding of the paint medium with special emphasis on personal development. The course is structured around personal instruction and group critiques. Beginning Painting II encourages divergent thinking and different approaches with the medium through the presentation of abstract concepts. Class supplies are to be purchased by the student.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ART241 - Sculpture I

Overview

Description
This course provides an introduction to ideas and materials designed to facilitate the student's response to three-dimensional forms. Emphasis is on concepts of modeling, carving, and constructing. This course promotes confidence for the three-dimensional artist through technical fundamentals.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ART242 - Sculpture II

Overview

Description
This course is a continuation of Sculpture I. The course explores problems of greater complexity through both technical and personal involvement. The course further develops the necessary skills for three-dimensional work.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ART245 - Intermediate Painting I

Overview

Description
This course is structured to meet students' needs and interests with an emphasis on creative expression and exploration beyond the visual image. The course includes individual instruction and group critiques. It promotes an appreciation for the complexity of the medium and the range of possibilities associated with it. It is intended for the intermediate student who has a firm understanding of the properties and fundamentals of this studio discipline. Class supplies are to be purchased by the student.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ART-231

Type
Prerequisite

ART-231

Take ART-231; Minimum grade C-;

ART-232

Type
Prerequisite

ART-232

Take ART-232; Minimum grade C-;

ART246 - Intermediate Painting II

Overview

Description
This course is a continuation of ART-245. The course focuses on developing students' greater understanding of personal intent, continuing creative expression, and exploration beyond the visual image. The course offers individual instruction and group critiques. Class supplies are to be purchased by the student.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ART-231

Type
Prerequisite

ART-231

Take ART-231; Minimum grade C-;

ART-232

Type
Prerequisite

ART-232

Take ART-232; Minimum grade C-;

ART251 - Printmaking I

Overview

Description
This course explores the relief printmaking processes of woodcut, linocut, wood engraving, and collagraph. Emphasis is on developing compositional and design skills using the various methods, techniques, and exploration of materials. Additional focus will be placed on the historical influence of each medium and its relationship to other artistic expressions. The course is structured around individual instruction, group critiques, lectures/slides, and studio time.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

ART252 - Printmaking II

Overview

Description
This course provides additional exploration of the relief printmaking process. While concentrating on linocuts and one other medium of choice, the course explores various techniques and methods of printmaking. Focus is on developing compositional and design skills, using color, and developing personal expression. The course is structured around individual instruction, group critiques, lectures/slides, and studio time.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

ART261 - Ceramics I

Overview

Description
This course introduces the student to wheel-thrown and handbuilt clay forming techniques, ceramic design concepts, and glaze experimentation. Emphasis is on the development of fundamental skills and understanding the creative potential of clay. This course helps develop sensitivity of design and aesthetics for the clay objects used daily. The course enhances an appreciation for the creative process and establishes the student as a designer/craftsperson. This may be repeated for a total of 6 credits.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ART262 - Ceramics II

Overview

Description
This course is a continuation of Ceramics I and is structured to develop the creative potential of the student using the medium of clay as a vehicle of communication. The course focuses on continued development of fundamental skills and expressive use of materials. Additional emphasis is placed on establishing individual design criteria and expanding awareness of aesthetic qualities of ceramics as art forms or as utilitarian vessels. This may be repeated for a total of 12 credits.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ART-261

Type
Prerequisite

ART-261

Take ART-261; Minimum grade C-;

ART281 - Watercolor I

Overview

Description
This course introduces the student to a water-based medium that includes the application of visual and tactile elements and the functions of design. Emphasis will be on visual thinking, exploration, exposure to materials, and technical approaches. Individual instruction and group critiques are utilized. ART-281 helps to develop an appreciation for complexities and the potential for creative expression. Class supplies are to be purchased by the student.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ART282 - Watercolor II

Overview

Description
This course offers additional instruction in watercolor design to increase student awareness, knowledge, and understanding of the medium's potential. This course introduces mixed media for the purpose of combining with the watercolor medium. Individual approaches are encouraged and personal development is emphasized. This course helps to develop different approaches and divergent thinking through the presentation of abstract concepts. Class supplies are to be purchased by the student.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ART286 - Professional Practices

Overview

Description
This course provides instruction in the business of art, guides in the development of portfolios, and requires a final exhibition of students' work. Art students transferring to colleges and universities will prepare portfolios, artist statements, and resumes. Moreover, students will learn about the business of fine art and design and its career options. Each student is expected to conduct both traditional and field research, to select from among artwork completed in previous classes for a strong portfolio, to write an essay that articulates the artwork's focus, and to show selected work in a group exhibition.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

ART287 - Nature Photography

Overview

Description
This course is an introduction to outdoor and nature photography with a specific focus on understanding common wildlife species, basic photographic skills, marketing opportunities, magazine analysis, and other subjects related to nature photography. It provides basic skills and knowledge for students interested in photographing nature and marketing photographs.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ART183

Type
Prerequisite

ART-183

Take ART-183;

ART288 - Intermediate Digital Photography

Overview

Description
This intermediate level course is designed to expand the knowledge and abilities of motivated students who have completed ART-183 Introduction to Digital Photography. Basic photographic and post-process skills learned in ART -183 will be refined as students work to develop a personal photographic vision. Each student will be challenged visually and intellectually, exploring four major photographic themes. Students will then create a portfolio of unique photographs to fit one of those themes. Students entering the course must have a digital camera with aperture and shutter priority and exposure compensation. Students are also responsible for all digital storage media and purchasing an online book (portfolio) of their work.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
Odd Years

Requisites

Simple Requisites

ART183

Type
Prerequisite

ART-183

Take ART-183;

ART289 - Photojournalism

Overview

Description
This course provides exposure to the challenge of publications photography for students who have completed an introductory photography course. Through lecture, demonstration, and hands on exercises, students develop their visual communication abilities. Students will gain valuable skills in recognizing photo opportunities, covering news events and features, and composing page layouts. Most importantly, students will refine capabilities to create storytelling photographs in individual and photo essay formats. Students entering this course must have a digital camera with aperture and shutter priority and exposure compensation. Students are also responsible for all digital storage media.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

ART183

Type
Prerequisite

ART-183

Take ART-183;

ART299 - Art Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

ASL299 - American Sign Language Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

ATEC117 - Occupational Relations and Job Search

Overview

Description
This course is designed to expose students to a variety of skills for workplace success. Topics to be discussed include learning styles, change, communications, conflict, work teams, leadership, and attitude. Students will also explore the fundamental techniques necessary to get a job, such as matching skills to job requirements, writing resumes and cover letters, and learning strategies for successful interviewing.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

AUTO102 - Automotive Technology Fundamentals and Safety

Overview

Description
This course is an introduction to the automotive industry including safety practices, shop equipment and tools, vehicle subsystems, service publications, professional responsibilities and basic automotive maintenance.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-119L

Type
Corequisite

AUTO-119L

Take AUTO-119L;

AUTO111 - Manual Drive Trains and Axles

Overview

Description
This course discusses the theory and operation of current, manually-shifted transmissions, transaxles and transfer cases, as well as the theory and operation of drive shafts, axles and differentials as used with passenger cars and light trucks and SUVs.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-119L

Type
Corequisite

AUTO-119L

Take AUTO-119L;

AUTO-118

Type
Corequisite

AUTO-118

Take AUTO-118;

AUTO118 - Electrical Systems

Overview

Description
This course will cover basic electrical theory, wiring diagrams, test equipment, diagnosis, repair, replacement of electrical components, including battery, starting, charging, and lighting systems. Upon successful completion, the student should be able to properly use wiring diagrams and test equipment to diagnose, test, and repair wiring and lighting in accordance with Automotive Service Excellence (ASE) standards.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-119L

Type
Corequisite

AUTO-119L

Take AUTO-119L;

AUTO-111

Type
Prerequisite

AUTO-111

Take AUTO-111;

AUTO119L - Automotive Lab I

Overview

Description
This course is designed to apply the theory and practices discussed in the corequisite lecture courses through hands-on tasks. Lab activities include, but are not limited to, demonstrations by instructor, assigned tasks utilizing tools, equipment on various mock up vehicles and components. Other lab activities may include familiarization of system operation, research of service information, service and repair procedures, as well as component and system diagnosis.

Credit Hours:
7

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-111

Type
Corequisite

AUTO-111

Take AUTO-111;

AUTO-118

Type
Corequisite

AUTO-118

Take AUTO-118;

AUTO124 - Brakes, Suspension and Steering

Overview

Description
This course discusses the theory, operation, diagnosis, adjustment and repair of current braking, steering, and suspension systems as used on current automobiles, light trucks and SUVs. Antilock braking systems, stability control systems, tire pressure monitoring systems, tire service and wheel alignment will also be covered.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-129L

Type
Corequisite

AUTO-129L

Take AUTO-129L;

AUTO-111

Type
Prerequisite

AUTO-111

Take AUTO-111; Minimum grade C-;

AUTO-118

Type
Prerequisite

AUTO-118

Take AUTO-118; Minimum grade C-;

AUTO-119L

Type
Prerequisite

AUTO-119L

Take AUTO-119L; Minimum grade C-;

AUTO-127

Type
Corequisite

AUTO-127

Take AUTO-127;

AUTO127 - Engine Repair

Overview

Description

This course will cover the theory, construction, inspection, diagnosis, and repair of internal combustion engines and related systems. Topics include fundamental operating principles of engines and diagnosis, inspection, adjustment, and repair of automotive engines using appropriate service information. Upon successful completion, a student should be able to perform basic diagnosis, measurement and repair of automotive engines using appropriate tools, equipment, procedures and service information in accordance with Automotive Service Excellence (ASE) standards.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-129L

Type
Corequisite

AUTO-129L

Take AUTO-129L;

AUTO-111

Type
Prerequisite

AUTO-111

Take AUTO-111; Minimum grade C-;

AUTO-118

Type
Prerequisite

AUTO-118

Take AUTO-118; Minimum grade C-;

AUTO-119L

Type
Prerequisite

AUTO-119L

Take AUTO-119L; Minimum grade C-;

AUTO-124

Type
Corequisite

AUTO-124

Take AUTO-124;

AUTO129L - Automotive Lab II

Overview

Description
This course is designed to apply the theory and practices discussed in the corequisite lecture courses through hands-on tasks. Lab activities include, but are not limited to, demonstrations by instructor, assigned tasks utilizing tools, equipment on various mock up and live vehicles and components. Other lab activities may include familiarization of system operation, research of service information, service and repair procedures, as well as component and system diagnosis.

Credit Hours:
7

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-111

Type
Prerequisite

AUTO-111

Take AUTO-111; Minimum grade C-;

AUTO-124

Type
Corequisite

AUTO-124

Take AUTO-124;

AUTO-118

Type
Prerequisite

AUTO-118

Take AUTO-118; Minimum grade C-;

AUTO-119L

Type
Prerequisite

AUTO-119L

Take AUTO-119L; Minimum grade C-;

AUTO-127

Type
Corequisite

AUTO-127

Take AUTO-127;

AUTO231 - Engine Performance I

Overview

Description
This course discusses the theory, operation, diagnosis and repair of the mechanical, electrical/electronic, fuel, induction, exhaust and emission systems of the modern internal combustion engine as related to current automobiles, light trucks and SUVs.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-235L

Type
Corequisite

AUTO-235L

Take AUTO-235L;

AUTO-111

Type
Prerequisite

AUTO-111

Take AUTO-111; Minimum grade C-;

AUTO-118

Type
Prerequisite

AUTO-118

Take AUTO-118; Minimum grade C-;

AUTO-119L

Type
Prerequisite

AUTO-119L

Take AUTO-119L; Minimum grade C-;

AUTO-124

Type
Prerequisite

AUTO-124

Take AUTO-124; Minimum grade C-;

AUTO-127

Type
Prerequisite

AUTO-127

Take AUTO-127; Minimum grade C-;

AUTO-129L

Type
Prerequisite

AUTO-129L

Take AUTO-129L; Minimum grade C-;

AUTO-233

Type
Corequisite

AUTO-233

Take AUTO-233;

AUTO233 - Electrical Systems II and HVAC

Overview

Description

This course discusses the theory, operation, diagnosis and repair of advanced electrical systems and electronic systems, as related to current automobiles, light trucks and SUVs. This course also includes the theory, diagnosis, service practices and repair of the current automotive air conditioning and automatic temperature control systems used with current automobiles, light trucks and SUVs.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-235L

Type
Corequisite

AUTO-235L

Take AUTO-235L;

AUTO-111

Type
Prerequisite

AUTO-111

Take AUTO-111; Minimum grade C-;

AUTO-118

Type
Prerequisite

AUTO-118

Take AUTO-118; Minimum grade C-;

AUTO-119L

Type
Prerequisite

AUTO-119L

Take AUTO-119L; Minimum grade C-;

AUTO-124

Type
Prerequisite

AUTO-124

Take AUTO-124; Minimum grade C-;

AUTO-127

Type
Prerequisite

AUTO-127

Take AUTO-127; Minimum grade C-;

AUTO-129L

Type
Prerequisite

AUTO-129L

Take AUTO-129L; Minimum grade C-;

AUTO-231

Type
Corequisite

AUTO-231

Take AUTO-231;

AUTO235L - Advanced Automotive Lab III

Overview

Description

This course is designed to apply the theory and practices discussed in the corequisite lecture courses through hands-on tasks. Lab activities include, but are not limited to, demonstrations by instructor, assigned tasks utilizing tools, equipment on various mock up and live vehicles and components. Other lab activities may include familiarization of system operation, research of service information, service and repair procedures, as well as component and system diagnosis.

Credit Hours:
7

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-231

Type
Corequisite

AUTO-231

Take AUTO-231;

AUTO-233

Type
Corequisite

AUTO-233

Take AUTO-233;

AUTO-111

Type
Prerequisite

AUTO-111

Take AUTO-111; Minimum grade C-;

AUTO-118

Type
Prerequisite

AUTO-118

Take AUTO-118; Minimum grade C-;

AUTO-119L

Type
Prerequisite

AUTO-119L

Take AUTO-119L; Minimum grade C-;

AUTO-124

Type
Prerequisite

AUTO-124

Take AUTO-124; Minimum grade C-;

AUTO-127

Type
Prerequisite

AUTO-127

Take AUTO-127; Minimum grade C-;

AUTO-129L

Type
Prerequisite

AUTO-129L

Take AUTO-129L; Minimum grade C-;

AUTO241 - Automatic Transmissions/ Transaxles

Overview

Description

This course discusses the theory, operation, diagnosis and repair of current, electronically controlled automatic transmissions and transaxles.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-231

Type
Prerequisite

AUTO-231

Take AUTO-231; Minimum grade C-;

AUTO-233

Type
Prerequisite

AUTO-233

Take AUTO-233; Minimum grade C-;

AUTO-235L

Type
Prerequisite

AUTO-235L

Take AUTO-235L; Minimum grade C-;

AUTO-243

Type
Corequisite

AUTO-243

Take AUTO-243;

AUTO-245L or AUTO-246L and AUTO-290

Type
Corequisite

AUTO-245L or AUTO-246L and AUTO-290

Take 1 group; # Take AUTO-245L; # Take AUTO-246L AUTO-290;

AUTO243 - Engine Performance II

Overview

Description

This course focuses on advanced drivability issues that affect engine performance. Emphasis will be on diagnostic strategies. Discussions will involve the function, diagnosis and repair of current automobile systems that affect engine performance and emissions utilizing the diagnostic equipment available. This course is designed for students to prepare for the ASE L1 - Advanced Level Engine Performance Certification test.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-241

Type
Corequisite

AUTO-241

Take AUTO-241;

AUTO-231

Type
Prerequisite

AUTO-231

Take AUTO-231; Minimum grade C-;

AUTO-233

Type
Prerequisite

AUTO-233

Take AUTO-233; Minimum grade C-;

AUTO-235L

Type
Prerequisite

AUTO-235L

Take AUTO-235L; Minimum grade C-;

AUTO-245L or AUTO-246L and AUTO-290

Type
Corequisite

AUTO-245L or AUTO-246L and AUTO-290

Take 1 group; # Take AUTO-245L; # Take AUTO-246L AUTO-290;

AUTO245L - Advanced Automotive Lab IV

Overview

Description
This course is designed to apply the theory and practices discussed in the corequisite lecture courses through hands-on tasks. Lab activities include, but are not limited to, demonstrations by instructor, assigned tasks utilizing tools, equipment on various mock up and live vehicles and components. Other lab activities may include familiarization of system operation, research of service information, service and repair procedures, as well as component and system diagnosis. This course has the option of a Partnered Training (cooperative education) path. Upon instructor approval, the student may be eligible for this option.

Credit Hours:
7

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-243

Type
Corequisite

AUTO-243

Take AUTO-243;

AUTO-241

Type
Corequisite

AUTO-241

Take AUTO-241;

AUTO-111

Type
Prerequisite

AUTO-111

Take AUTO-111; Minimum grade C-;

AUTO-118

Type
Prerequisite

AUTO-118

Take AUTO-118; Minimum grade C-;

AUTO-119L

Type
Prerequisite

AUTO-119L

Take AUTO-119L; Minimum grade C-;

AUTO-124

Type
Prerequisite

AUTO-124

Take AUTO-124; Minimum grade C-;

AUTO-127

Type
Prerequisite

AUTO-127

Take AUTO-127; Minimum grade C-;

AUTO-129L

Type
Prerequisite

AUTO-129L

Take AUTO-129L; Minimum grade C-;

AUTO-231

Type
Prerequisite

AUTO-231

Take AUTO-231; Minimum grade C-;

AUTO-233

Type
Prerequisite

AUTO-233

Take AUTO-233; Minimum grade C-;

AUTO-235L

Type
Prerequisite

AUTO-235L

Take AUTO-235L; Minimum grade C-;

AUTO246L - Advanced Automotive Lab V

Overview

Description

This course is designed to apply the theory and practices discussed in the corequisite lecture courses through hands-on tasks. Lab activities include; demonstrations by instructor, assigned tasks utilizing tools and equipment on various vehicles and components. Other lab activities may include familiarization of system operation, research of service information, service and repair procedures, as well as component and system diagnosis.

Credit Hours:
6

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

AUTO-231

Type
Prerequisite

AUTO-231

Take AUTO-231; Minimum grade C-;

AUTO-233

Type
Prerequisite

AUTO-233

Take AUTO-233; Minimum grade C-;

AUTO-235L

Type
Prerequisite

AUTO-235L

Take AUTO-235L; Minimum grade C-;

AUTO-241

Type
Corequisite

AUTO-241

Take AUTO-241;

AUTO-243

Type
Corequisite

AUTO-243

Take AUTO-243;

AUTO-290

Type
Corequisite

AUTO-290

Take AUTO-290;

AUTO290 - Advanced Automotive Internship

Overview

Description

This course is designed to apply the theory and practices discussed in pre/corequisite lecture courses through work experience in an on-the-job setting. This course is developed as a contract agreement between the student intern and host organization. This course provides supervised training in automotive repair and automotive organizational operations. The student must demonstrate a minimum of entry-level competence for an automotive repair technician as determined by the internship supervisor and must document 45 hours at the internship site. Course will be graded as Satisfactory/ Unsatisfactory.

Credit Hours:

1

Offering Cycle

SPR

Yearly Cycle

All Years

Requisites

Simple Requisites

AUTO-231

Type
Prerequisite

AUTO-231

Take AUTO-231; Minimum grade C-;

AUTO-233

Type
Prerequisite

AUTO-233

Take AUTO-233; Minimum grade C-;

AUTO-235L

Type
Prerequisite

AUTO-235L

Take AUTO-235L; Minimum grade C-;

AUTO-241

Type
Corequisite

AUTO-241

Take AUTO-241;

AUTO-243

Type
Corequisite

AUTO-243

Take AUTO-243;

AUTO-246L

Type
Corequisite

AUTO-246L

Take AUTO-246L;

BACT250 - General Microbiology

Overview

Description
This course is a general microbiology course covering microorganisms emphasizing bacteria as examples of all microorganisms and as models for all living organisms/cells in regard to structure, physiology, and reproduction. This is a fairly rigorous lab course requiring attendance to cover various lab skills of media use, culturing, slide-staining, use of lab materials, and processes relating to microorganisms. This course has applications to programs in life sciences, the medical health field, health sciences, agriculture, food industries, pharmaceutical industries, environmental science, and laboratory research.

Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

BACT-250L

Type
Corequisite

BACT-250L

Take BACT-250L;

BIOL-100 or BIOL-115

Type
Prerequisite

BIOL-100 or BIOL-115

Take BIOL-100 or BIOL-115;

CHEM-101

Type
Prerequisite

CHEM-101

Take CHEM-101;

BACT250L - General Microbiology Lab

Overview

Credit Hours:
0

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

BACT-250

Type
Corequisite

BACT-250

Take BACT-250;

BIOL100 - Concepts of Biology

Overview

Description
This course provides a general overview of evolution, the five kingdoms, DNA, cell structure, genetics, and human systems. BIOL-100 is designed to give non-biology majors a better understanding and appreciation of the living world. It is not intended as a preparation for BIOL-115 or BIOL-175.

Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-100L

Type
Corequisite

BIOL-100L

Take BIOL-100L;

BIOL100L - Concepts of Biology Lab

Overview

Credit Hours:
0

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-100

Type
Corequisite

BIOL-100

Take BIOL-100;

BIOL101 - Introduction to Natural Resources

Overview

Description
This course is an introduction to forestry and related natural resources management professions. Students will explore various career opportunities in natural resource management.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

BIOL114 - Organisms and Environments

Overview

Description
This course is an introduction to ecology, evolutionary processes, and a survey of the diversity of life; intended for students in biology-related majors. Topics will include evolutionary theory, phylogeny and taxonomy of life, populations, communities, ecosystems, viruses, prokaryotes, protists, fungi, plants, and animals. This course pairs with Biology 115 to provide an introductory two semester course sequence for biology majors.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL114L

Type
Corequisite

BIOL-114L

Take BIOL-114L;

BIOL114L - Organisms and Environments Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL114

Type
Corequisite

BIOL-114

Take BIOL-114;

BIOL115L - Introduction to Life Sciences Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-115

Type
Corequisite

BIOL-115

Take BIOL-115;

BIOL115 - Introduction to Life Sciences

Overview

Description
This course is an introduction to the fundamental principles that govern living organisms, including molecular biology, cell biology, homeostasis, reproduction, genetics, and evolution.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-115L

Type
Corequisite

BIOL-115L

Take BIOL-115L;

BIOL170 - Introductory Foods

Overview

Description
This course will cover the composition of food and the chemical and biological changes that occur in food preparation.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

BIOL170L - Introductory Foods Lab

Overview

Description
This course is a lab setting to explore the composition of food and the chemical and biological properties that occur in food preparation.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

BIOL174 - Human Biology Recitation

Overview

Description
This course provides instruction and practical study techniques essential for academic success in Human Biology (BIOL-175). This course emphasizes notetaking, scientific writing, vocabulary skills, and utilizing online and traditional resources to prepare for taking human biology exams. Activities and assignments will occur in class and online.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-175

Type
Corequisite

BIOL-175

Take BIOL-175;

BIOL175 - Human Biology

Overview

Description
This course provides a general overview of the structure, function, healthy maintenance, and common diseases of the human body. The lab component includes microscopy, histology, dissections, and physiology with lab evaluations. BIOL-175 is intended for students interested in a health profession career and provides essential skills and foundational knowledge for students going on to BIOL-227.

Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-175L

Type
Corequisite

BIOL-175L

Take BIOL-175L;

BIOL175L - Human Biology Lab

Overview

Credit Hours:
0

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-175

Type
Corequisite

BIOL-175

Take BIOL-175;

BIOL207 - Concepts in Human Nutrition

Overview

Description
This course offers instruction in basic nutrition concepts, current nutritional controversies, and food selection for individual needs. Topics covered include carbohydrates, fats, proteins, vitamins, minerals, energy balance, vegetarian diets, product labels and additives, life cycle needs, and diets for athletes. Individual dietary habits will be closely examined through a self-evaluation of personal diet studies. BIOL-207 provides important basic knowledge in making personal dietary decisions.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

BIOL221 - Forest Ecology

Overview

Description
This course is an introduction to the relationships among living and non-living components in the environment, including an examination of the processes which influence the distribution of plant and animal communities. This course exposes students to fundamental principles of ecology used in careers in natural resource management. This course is the same as BIOL-231.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-115

Type
Prerequisite

BIOL-115

Take BIOL-115; Minimum grade C-;

BIOL-221L

Type
Corequisite

BIOL-221L

Take BIOL-221L;

BIOL221L - Forest Ecology Lab

Overview

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-221

Type
Corequisite

BIOL-221

Take BIOL-221;

BIOL227 - Human Anatomy and Physiology I

Overview

Description
This course offers a homeostatic approach to the study of the human body from the level of the cell to organ systems with emphasis on normal structure and function, as well as selected physiological imbalances. Systems covered include integument, skeletal, muscular, and nervous. It is designed primarily for students enrolled in health-related fields. Human Anatomy and Physiology will give students a strong background in the fundamentals of structure and function of the body. Aspects of life processes will be covered for students wishing to take a science elective, as well as those in the health-related areas. The laboratory sessions require preserved specimen dissection. In addition, identification of anatomical structures on a prosected cadaver will be required.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-100 or BIOL-175

Type
Prerequisite

BIOL-100 or BIOL-175

Take BIOL-100 or BIOL-175;

BIOL-227L

Type
Corequisite

BIOL-227L

Take BIOL-227L;

BIOL227L - Human Anatomy and Physiology I Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-227

Type
Corequisite

BIOL-227

Take BIOL-227;

BIOL228 - Human Anatomy and Physiology II With Cadaver

Overview

Description
This course is a continuation of BIOL-227. Systems covered include cardiovascular, digestive, urinary, respiratory, and reproductive, as well as the sense organs and metabolism. It is designed for students enrolled in health-related fields. This course gives students a strong background in the fundamentals of the structure and function of the body. Aspects of life processes will be covered for students wishing to take a science elective, as well as those in the health-related areas. The laboratory sessions require preserved specimen dissection. In addition, identification of anatomical structures on a prosected cadaver will be required.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-227

Type
Prerequisite

BIOL-227

Take BIOL-227; Minimum grade C-;

BIOL-228L

Type
Corequisite

BIOL-228L

Take BIOL-228L;

BIOL228L - Human Anatomy and Physiology II Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-228

Type
Corequisite

BIOL-228

Take BIOL-228;

BIOL231 - General Ecology

Overview

Description
This course shows relationships between living and non-living components of the environment. It examines the processes which influence the distribution of plant and animal communities. It provides an exposure to the fundamental principles of ecology in natural resource management. This course is designed for forestry and biology majors with applications for pre-agriculture, zoology, environmental science, and botany disciplines. This course is the same as BIOL-221.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-100 or BIOL-115

Type
Prerequisite

BIOL-100 or BIOL-115

Take BIOL-100 or BIOL-115; Minimum grade C-;

BIOL-231L

Type
Corequisite

BIOL-231L

Take BIOL-231L;

BIOL231L - Gen Ecol Lab

Overview

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-231

Type
Corequisite

BIOL-231

Take BIOL-231;

BIOL251 - Principles of Range Resources Management

Overview

Description
This course studies the development of range use, range resource management, rangeland vegetation types, current management issues, and the relationship of grazing use with other land uses and values.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

BIOL-100 or BIOL-115

Type
Prerequisite

BIOL-100 or BIOL-115

Take BIOL-100 or BIOL-115; Minimum grade C-;

BIOL260 - Human Cadaver Prosection I

Overview

Description
This course includes supervised cadaver dissections that will follow the sequence of gross anatomy studies observed in BIOL-227 and BIOL-228. Dissections for the semester will begin with a review of previous cadaver dissections. Cadaver dissection sequencing will follow this general outline: torso, upper extremity, lower extremity, ventral cavities, head and neck, and finish with the dorsal cavities. Fall semester students will present a review of the muscle anatomy to the BIOL-227 students. This course is designed to improve competency in human gross anatomy.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-227

Type
Prerequisite

BIOL-227 with a grade of C or better and permission of the instructor.

Take BIOL-227; Minimum grade C;

BIOL261 - Human Cadaver Prosection II

Overview

Description
This course includes supervised cadaver dissections that will follow the sequence of gross anatomy studies observed in BIOL-227 and BIOL-228. Dissections will begin with a review of previous cadaver dissections. Cadaver dissection sequencing will follow this general outline: torso, upper extremity, lower extremity, ventral cavities, head and neck, and finish with the dorsal cavities. Spring semester students will present a review of the vascular anatomy to the BIOL-228 students. This course is designed to improve competency in human gross anatomy.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-227

Type
Prerequisite

BIOL-227 with a grade of C or better and permission of the instructor.

Take BIOL-227; Minimum grade C;

BIOL290 - Principles of Wildlife Biology

Overview

Description
This course introduces the principles of wildlife ecology including such topics as basic ecological laws, wildlife biology, and management of wildlife populations.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

BIOL-100 or BIOL-115

Type
Prerequisite

BIOL-100 or BIOL-115

Take BIOL-100 or BIOL-115; Minimum grade C-;

ZOOL-202 or BTNY-203

Type
Prerequisite

ZOOL-202 or BTNY-203

Take ZOOL-202 or BTNY-203;

BIOL299 - Biology Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

BLDR105 - Customer Service

Overview

Description
This course will give participants the foundations for the skills and knowledge necessary to work effectively with customers. Covered topics are customer behavior, use of technology, diversity in customers, managing stress and time, ways to encourage customer loyalty, and how to communicate effectively with customers.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

BLDR110 - Supervisory Management

Overview

Description
This course provides participants with an understanding of the management functions supervisors must perform at work. Participants will receive the knowledge and skills they will need to help their organization meet today's challenges and create value for their employees.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

BLDR120 - Financial Business Applications

Overview

Description
This course will lead to the development of effective financial business concepts with emphasis on 10-key computations, banking concepts, payroll, retail computation, and time value of money.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Math Placement

Type
Prerequisite

MATH-015 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M010 MATH-015 MATH-M020 MATH-A040 MATH-A045 MATH-A049 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-P099 MATH-T051 MATH-T099 MTHP-015 MTHP-090 MTHP-025 or BLDR-120; # Take MATH-015; Minimum grade C-;

BLDR122 - Leadership

Overview

Description
This course will give students the skills and tools necessary to begin or enhance his or her role as an effective leader. Students will learn how to motivate staff, implement mission and core values, demonstrate ethical behavior, identify personal leadership style and examine ways to manage change. Students will also learn how to facilitate employee development, coach others and deal with conflict.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

BLDR132 - Employee Benefits and Compensation

Overview

Description
This course focuses on the various components that make up a total employee compensation package. Base pay, merit pay, and variable pay programs are covered. Students examine benefits including government regulation, group welfare plans, pension plans, and flexible benefit plans. Students will also explore the impact of current trends.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

BMGT256 - Problem Solving Through Team Dynamics

Overview

Description
This course explores the creation of teams and their utilization to solve problems. Team dynamics and strategies, brainstorming, information gathering methods, interpersonal communication, interdependence, and synergy are examined. Prior completion of other courses is not required.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

BMGT260 - Human Resource Management

Overview

Description
This course is an introduction to human resource management. It is designed to give students an overview of the challenges faced by an organization in using employees in a legal and ethical manner. Emphasis will be placed on the legal issues and ethical dilemmas faced by business on a daily basis. This course will be useful to any students contemplating a career in business, as well as others who are interested in managing human resources.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

BMGT291 - Business Management Internship

Overview

Description
This course provides students with practical, on-the-job experience in preparation for a successful career in business management. Students work under the supervision of a member of the management staff at a local business venue applying skills learned in the classroom. The student must demonstrate a minimum of entry-level competence as determined by the field experience. The course is graded Satisfactory/Unsatisfactory.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

BUSA-101

Type
Prerequisite

BUSA-101

Take BUSA-101; Minimum grade C-;

BUSA-211

Type
Prerequisite

BUSA-211

Take BUSA-211; Minimum grade C-;

BUSA-221

Type
Prerequisite

BUSA-221

Take BUSA-221; Minimum grade C-;

ENTP-105

Type
Prerequisite

ENTP-105

Take ENTP-105; Minimum grade C-;

ENTP-125

Type
Prerequisite

ENTP-125

Take ENTP-125; Minimum grade C-;

BOAA110 - Small Business Accounting

Overview

Description
This course introduces students to accounting procedures for individual proprietorship businesses. Emphasis is placed on the accounting cycle, double-entry accounting, payroll, and procedures for handling transactions associated with both service and merchandising businesses. Students will practice proper accounting procedures manually and/or on spreadsheet software. It is also helpful to those who want to upgrade business skills for improved employability. Students may not receive duplicate credit for BOAA-110 (ACCT-110) and ACCT-201.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT130

Type
Corequisite

CAOT-130

Take CAOT-130;

BOAA111 - Small Business Accounting II

Overview

Description
This course is a continuation of BOAA-110 with an introduction to accounting procedures for partnerships and corporations. Emphasis will include asset valuation, inventory valuation, and financial statement analysis for small businesses.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BOAA110

Type
Prerequisite

ACCT-110, ACCT-201, or BOAA-110

Take ACCT-110 ACCT-201 or BOAA-110;

BOAA113 - Payroll Accounting

Overview

Description
This course provides an in-depth study of payroll and independent contractors, how to calculate gross wages for hourly and salaried employees, mandatory and voluntary withholdings, employer taxes, recording payroll, and state and federal record keeping requirements. Current tax rates and current tax forms will be used. Some emphasis will be placed on computerized payroll accounting. Completion of a payroll practice set is required.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

BOAA110

Type
Prerequisite

ACCT-110, ACCT-201, or BOAA-110

Take ACCT-110 ACCT-201 or BOAA-110;

BOAA140 - QuickBooks

Overview

Description
This course provides essential training in QuickBooks Online. The course will focus on recording transactions, managing invoices, and tracking expenses, as well as advanced features like creating purchase orders, setting up sales tax, preparing journal entries, transferring funds, and adjusting inventory. Students will also learn to create reports using class and location tracking, set up user permissions, and customize QuickBooks for their business needs.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT130

Type
Corequisite

CAOT-130

Take CAOT-130;

BOAA110

Type
Prerequisite

ACCT-110, ACCT-201, or BOAA-110

Take ACCT-110 ACCT-201 or BOAA-110;

BOAA150 - 10-Key Skill Building

Overview

Description
This course introduces the methods used for 10-key data entry and calculators using a computer program and number key pad. The 10-key data entry is used in most bookkeeping, inventory control, and accounting services.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

BOAA243 - Fraud Investigation

Overview

Description
This course will introduce students to the concepts of how and why accounting fraud is committed, how to assess where an organization is at the greatest risk for fraud, how fraudulent conduct can be deterred, and how allegations of fraud should be investigated and resolved.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BOAA111

Type
Corequisite

ACCT-111, ACCT-202, or BOAA-111

Take ACCT-111 ACCT-202 or BOAA-111;

BOAA246 - Current Business Taxes

Overview

Description
This course provides necessary information to state, and federal taxes that are currently paid by area businesses. The course will examine business licenses, property tax, sales and use tax, income tax on corporations, and payroll related taxes. Other federal compliance reports will also be discussed. Current tax rates and current tax forms will be used.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BOAA111

Type
Prerequisite

ACCT-111, ACCT-202, or BOAA-111

Take ACCT-111 BOAA-111 or ACCT-202;

BOAA290 - Bookkeeping/Accounting Assist Internship

Overview

Description
This course is the capstone course for the Bookkeeping/Accounting Assistant program and should be taken after the completion of all required bookkeeping and accounting courses. This course consists of 135 hours of an off-campus internship which allows for the practical application of concepts learned throughout the program. Emphasis will be on accounting records of an existing business, records management, efficient telephone use, employee/employer relations, customer service, resumes, cover letters, interview techniques, and stress/time management.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

BOAA140

Type
Prerequisite

ACCT-140 or BOAA-140

Take ACCT-140 or BOAA-140;

BOAA246

Type
Prerequisite

ACCT-246 or BOAA-246

Take ACCT-246 or BOAA-246;

BOAA113

Type
Corequisite

ACCT-113 or BOAA-113

Take ACCT-113 or BOAA-113;

BTNY203 - General Botany

Overview

Description
This course is an introduction to the plant kingdom starting with the bluegreen algae or cyanobacteria and progressing in an evolutionary fashion through gymnosperms and angiosperms. When possible, each group is related to the higher plants. The course is designed for individuals pursuing a degree in biology, botany, agriculture, or forestry, and for others interested in a survey of the plant kingdom.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BTNY-203L

Type
Corequisite

BTNY-203L

Take BTNY-203L;

BIOL-100 or BIOL-115

Type
Prerequisite

BIOL-100 or BIOL-115

Take BIOL-100 or BIOL-115;

BTNY203L - General Botany Lab

Overview

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BTNY-203

Type
Corequisite

BTNY-203

Take BTNY-203;

BTNY241 - Systematic Botany

Overview

Description
This course offers instruction in plant identification focusing on local gymnosperms and spring angiosperms using a recognized botanical key. The course includes field trips and a plant collection. It is designed for students pursuing a degree in biology, botany, or forestry and for those interested in the identification of local plants.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

BTNY-241L

Type
Corequisite

BTNY-241L

Take BTNY-241L;

BIOL-100 or BIOL-115

Type
Prerequisite

BIOL-100 or BIOL-115

Take BIOL-100 or BIOL-115;

BTNY241L - Systematic Botany Lab

Overview

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

BTNY-241

Type
Corequisite

BTNY-241

Take BTNY-241;

BUSA100 - Digital Literacy in Business

Overview

Description
This course provides the tools required to use technology in the workplace. Students will gain proficiency in commonly used business programs such as databases and spreadsheets, as well as word processing and presentation software. Students will examine management information software (MIS) and its impact on organizational management. This course emphasizes business computer terminology, and the use of computer hardware, networking, and Internet concepts in business. The ethical implications of computing, such as security, privacy, identity theft, and the social implication of information sharing will be given particular consideration.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

BUSA101 - Introduction to Business

Overview

Description
This course is an introductory overview of the organization, functions, and activities of business in contemporary society. Emphasis is placed on the terminology necessary to understanding business principles and practices. This course also includes an exploration of business environments, human resources, management, marketing management, finance, management information tools, and international marketing. Focus is on critical factors essential to understanding the interdependence between different facets of business operations. This course is useful for those who are considering a career in business or who want an overview of what the study of business encompasses.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH-025

Type
Prerequisite

MATH-025

Take MATH-025;

BUSA180 - Personal Finance

Overview

Description
This course is designed to empower students to analyze and develop their own personal financial plan. Students will be challenged to develop solid financial management skills through effective tax and savings strategies. Various financing options for large purchases such as automobiles and housing will also be discussed, along with developing techniques for controlling consumer credit. Students will learn how to evaluate different insurance options including life, health, and disability insurance. This course will also include some basic stock market strategies, including the choice to invest in stocks, mutual funds, or bonds.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

BUSA211 - Principles of Management

Overview

Description
This course is designed to provide an overview of theories and practices of management. Topic areas include the evolution and scope of management and the universal functions of management including planning, organizing, directing, staffing, controlling, coordinating, and delegating. Emphasis is also placed on the art of negotiating, leadership skills, team performance and productivity, and creative problem solving. This course fosters an awareness of the operational skills and administrative activities of managers, and it also helps in upgrading management skills.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

BUSA221 - Principles of Marketing

Overview

Description
This is an introductory course designed to provide an overview of marketing segments and environments, and marketing mixes. Issues relating to product, promotion, pricing, and distribution are discussed. This course promotes an awareness of the operational and administrative activities of marketing managers; it also helps in upgrading marketing skills.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

BUSA234 - Ethical Conduct in Business

Overview

Description
This course introduces basic business ethical concepts, principles, and examples. Topics focus on solving moral dilemmas and introduce the stakeholder and issues management methods as a strategic and practical way for applying ethical reasoning in the workplace. Emphasis is placed on establishing solid decision criteria, moral creativity, and responsibility in ethical reasoning. This course also fosters an awareness of corporate responsibility in advertising, product safety and liability, and the environment. Timely ethical issues such as globalization, discrimination, sexual harassment, and whistle-blowing will be discussed as they relate to the workplace.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

BUSA251 - Business Statistics

Overview

Description
This course introduces techniques used to describe and analyze data through the framework of business problems and applications. The course focuses on correct use of statistical terminology, descriptive statistics, basic sampling methods, probability and sampling distributions, interval estimates, hypothesis testing, analysis of variance, correlation and regression analysis. Software is used to analyze business problems and emphasis is placed on the interpretation and critical evaluation of the output.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GEM 3 Math Course

Type
Prerequisite

GEM 3 MATH Course

Take 1 courses; Minimum grade C-; From rule RG.GEM3;

BUSA265 - Legal Environment of Business

Overview

Description
This course provides an introduction to the areas of law including contracts and torts which apply most closely to businesses.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CAOT115 - Outlook

Overview

Description
This course will introduce the functions used in Microsoft Outlook including email messages, calendar, contacts, tasks, journals, and notes. This course is based on hardware and software that uses the Windows operating system.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

CAOT120 - Word Processing/Word I

Overview

Description
This course will lead to proficiency using word processing software to create and format documents according to current business standards. This course provides an introduction to word processing fundamentals in a hands-on environment with business-oriented examples. It includes creating, storing, retrieving, editing, printing, formatting paragraphs and documents, and tables. This is a valuable course for those who want to learn how to use word processing software. In addition, students will demonstrate keyboarding proficiency of 25 wpm/95% accuracy on a three-minute timing. This course is based on hardware and software that uses the Windows operating system.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CAOT121 - Word Processing/Word II

Overview

Description
This course will lead to proficiency using word processing software to create and format documents according to current business standards. This course is a continuation of CAOT-120. This course provides additional word processing functions, including graphics, themes and building blocks, merging, styles, templates, and developing multi-page documents. In addition, students will demonstrate keyboarding proficiency of 35 wpm/95% accuracy on a three-minute timing. This course is based on hardware and software that uses the Windows operating system.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT-120

Type
Corequisite

CAOT-120

Take CAOT-120; Minimum grade C-;

CAOT122 - Word Processing/Word III

Overview

Description
This course will lead to proficiency using word processing software to create and format documents according to current business standards. This course is a continuation of CAOT-121. This course provides instruction in advanced word processing functions including integrating Word with other programs, creating templates and macros, forms, master documents, collaboration, and customizing Word. This course is based on hardware and software that uses the Windows operating system.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT-120

Type
Corequisite

CAOT-120

Take CAOT-120; Minimum grade C-;

CAOT-121

Type
Corequisite

CAOT-121

Take CAOT-121; Minimum grade C-;

CAOT123 - AI Essentials for the Workplace

Overview

Description
This course provides an overview of Artificial Intelligence (AI) and its growing role in business decision-making, operations, and strategy. Students will be introduced to key AI concepts with a focus on business applications. Through case studies and projects, students will learn how businesses leverage AI to improve efficiency, enhance customer experiences, and drive innovation.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

CAOT124 - Social Media Marketing

Overview

Description
This course explores how businesses use social media platforms to build brand awareness, engage with target audiences, generate leads, and foster meaningful customer relationships. Students will learn how to develop and implement effective social media strategies that align with organizational goals and enhance competitive advantage. The course emphasizes creating and distributing valuable, relevant, and consistent content to attract and retain defined audiences. Through practical projects and case studies, students will gain hands-on experience using current and emerging social media tools while learning to evaluate and adapt strategies in an ever-evolving digital landscape.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

CAOT130 - Spreadsheets/Excel I

Overview

Description
This course is an introduction to spreadsheet fundamentals. This is a hands-on class that includes basic spreadsheet construction and formatting, formulas and functions, charts, and basic data analysis. Some computer knowledge and basic math skills are recommended. This course is based on hardware and software that uses the Windows operating system.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CAOT131 - Spreadsheets/Excel II

Overview

Description
This course is a continuation of CAOT-130. This course provides additional spreadsheets functions including managing workbook data, using tables, analyzing table data, automating worksheet tasks, enhancing charts, sharing files, and incorporating web information. This course is based on hardware and software that uses the Windows operating system. Students may enroll and complete these courses during the same semester.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT-130

Type
Corequisite

CAOT-130

Take CAOT-130; Minimum grade C-;

CAOT132 - Spreadsheets/Excel III

Overview

Description
This course is a continuation of CAOT-131. This course provides additional spreadsheets functions including using what-if analyses, pivot tables, importing and exporting data, advanced worksheet management, and macros. This course is based on hardware and software that uses the Windows operating system. Students may enroll and complete these courses during the same semester.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT-130

Type
Corequisite

CAOT-130

Take CAOT-130; Minimum grade C-;

CAOT-131

Type
Corequisite

CAOT-131

Take CAOT-131; Minimum grade C-;

CAOT140 - Database/Access I

Overview

Description
This course is an introduction to database management fundamentals. This is a hands-on course that includes basic skills for designing and manipulating a database, building and using queries, sorting and editing records, using forms and reports, and introduces database relationships. This course is based on hardware and software that uses the Windows operating system.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CAOT150 - PowerPoint

Overview

Description
This course provides an introduction to presentation software fundamentals using PowerPoint. A hands-on course that uses business-oriented examples, it includes planning, creating, storing, retrieving, editing, formatting, and viewing presentations. This course is based on hardware and software that uses the Windows operating system. Recommended: Some keyboarding proficiency

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

CAOT164 - Computer Fundamentals for Technical Programs

Overview

Description
This course covers basic computer concepts including computer hardware, computer software, and using an operating system. Emphasis will be placed on current industry-recognized business applications. Students will become familiar with the basic operations and performance of personal computers. This course is based on hardware and software that uses the Windows operating system.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

CAOT165 - Productivity Software for Technical Programs

Overview

Description
This course covers productivity software based on Microsoft Office including common program functions, word processing functions, spreadsheet functions, and presentation software functions. Emphasis will be placed on current industry-recognized business applications. This course is based on hardware and software that uses the Windows operating system.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

CAOT166 - Living Online for Technical Programs

Overview

Description
This course covers the basics of the Internet, including networks and the Internet, electronic mail, using the Internet, and the impact of computing and the Internet on society. Emphasis will be placed on current industry-recognized business applications. This course is based on hardware and software that uses the Windows operating system.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

CAOT168 - Integrated Medical Office Software

Overview

Description
This course presents the use of an integrated medical practice management and electronic health record system (PM/EHR) in a medical office setting. Students first learn the conceptual framework both for medical billing and for the use of electronic health records in medical documentation and patient management. By working through exercises of increasing difficulty that simulate use of a PM/EHR, students develop transferable skills needed to manage the required software tasks across the total patient encounter. Concepts learned in this course are general enough to cover most integrated medical software packages, and students who complete this course should be able to use other brands of software with minimum training.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

CAOT179 - Medical Terminology

Overview

Description
This course is a comprehensive introduction to terminology used in the medical field. Taking a body systems approach, emphasis is placed on anatomy and physiology, abnormal conditions, diagnostic and surgical procedures, as well as medical roots, prefixes, and suffixes. Skill emphasis is placed on defining medical terms and abbreviations, understanding basic human anatomy, and spelling of medical terms.

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CAOT183 - Business Editing and Proofreading

Overview

Description
This course deals with the principles of English grammar, punctuation, sentence structure, and usage necessary for preparation of all business communications with an emphasis on proofreading, spelling, and editing documents. It is also useful for students who need to apply correct rules or the mechanics of our language to written communications.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

CAOT184 - Records Systems Management

Overview

Description
This course provides instruction in the management of manual and electronic records. The life cycle of records from creation through disposal or permanent retention is covered. Emphasis is placed on the classification of records, application of the ARMA filing rules, the organization and management of manual and electronic information, types of records storage facilities, the importance of records retention programs, and the necessity of providing for the safety and security of information. The use of manual, mechanical, and automated methods of information storage and retrieval including micrographic and optical disk storage is also discussed.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT-140

Type
Prerequisite

CAOT-140

Take CAOT-140; Minimum grade C-;

CAOT186 - Medical Coding

Overview

Description
This course is designed to help learners master the complexity of medical coding. Using the Current Procedural Terminology (CPT) and the International Classification of Diseases - Clinical Modification (ICD-CM) coding books, students will transform written descriptions of diseases, injuries, and procedures into numeric designations. Exercises will cover all medical specialties including dermatology, cardiology, primary care, and orthopedics and addresses the common coding problems encountered in the real world. Skill emphasis is placed on knowledge of coding theories and practical coding applications.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT-179

Type
Prerequisite

CAOT-179

Take CAOT-182 BUSO-109 or CAOT-179; Minimum grade C-;

CAOT191 - Medical Receptionist Internship

Overview

Description
This course provides supervised training in medical receptionist skills through workplace experience in a medical-related office. It provides a practical application of medical receptionist skills as part of the learning process.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT-179

Type
Prerequisite

CAOT-179

Take CAOT-179; Minimum grade C-;

CAOT-168

Type
Prerequisite

CAOT-168

Take CAOT-168; Minimum grade C-;

CAOT-205

Type
Prerequisite

CAOT-205

Take CAOT-205; Minimum grade C-;

CAOT204 - Career Leadership

Overview

Description
This course is designed to allow students to explore character traits and to discover the characteristics that are needed to become an effective leader. Students are given an opportunity to apply the knowledge they gain of character and leadership through the planning and implementation of a community service project. Students will be encouraged to participate in service learning and/or leadership activities. Students will demonstrate project management, teamwork, problem solving and time management.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

CAOT205 - Business Document Formatting/Transcription

Overview

Description
This course is an introduction to machine transcription and document formatting including formatting business documents such as letters, memos, reports, agendas, itineraries, and news releases. Students prepare documents by listening to recorded dictation and transcribing the dictation using word processing software. Development of good listening skills is stressed. Emphasis is placed on developing proofreading and editing skills to produce mailable documents.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT-120

Type
Prerequisite

CAOT-120

Take CAOT-120; Minimum grade C-;

CAOT-183

Type
Prerequisite

CAOT-183

Take CAOT-183; Minimum grade C-;

CAOT210 - Office Procedures and Technologies

Overview

Description
This course is designed to provide students with the information necessary to be successful in today's rapidly changing office environment. In addition to providing students with opportunities to practice and use previously learned skills and abilities, topics include office technology; the global economy; increased diversity in the workplace; career planning and preparation; the importance of interpersonal, oral, and written communication skills; teamwork; critical thinking skills; ethical issues in the work environment; learning and applying effective telephone techniques; handling office callers; scheduling appointments, meetings, and conferences; making travel arrangements; handling the office mail; and stress and time management.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT120

Type
Corequisite

CAOT-120

Take CAOT-120;

CAOT224 - Medical Administrative Assistant Internship

Overview

Description
This course provides supervised training in administrative medical office skills through on-the-job experience in a medical-related office. It provides a practical application of administrative medical office skills as part of the learning process. The student must demonstrate a minimum of entry-level competence for a Medical Administrative Assistant as determined by the internship supervisor and must document 135 hours at the internship site.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT-168

Type
Prerequisite

CAOT-168

Take CAOT-168; Minimum grade C-;

CAOT225 - Medical Billing Specialist Internship I

Overview

Description
This course provides supervised training in medical accounts receivables/insurance billing through on-the-job experience in a medical facility. It provides practical application of medical accounts receivables/insurance billing as part of the learning process. The student must demonstrate a minimum of entry-level competence for a Medical Billing Specialist as determined by the internship supervisor and must document 176 hours at the internship site.

Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT-186

Type
Prerequisite

CAOT-186

Take CAOT-186; Minimum grade C-;

ACCT-110

Type
Prerequisite

ACCT-110

Take ACCT-110; Minimum grade C-;

CAOT226 - Medical Billing Specialist Internship II

Overview

Description

This course is a continuation of CAOT-225 and provides supervised training in medical accounts receivables/insurance billing through on-the-job experience in a medical facility. It provides practical application of medical accounts receivables/insurance billing as part of the learning process. The student must demonstrate a minimum of entry-level competence for a Medical Billing Specialist as determined by the internship supervisor and must document 176 hours at the internship site.

Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT-225

Type
Prerequisite

CAOT-225

Take CAOT-225; Minimum grade S;

CAOT290 - Medical Administrative Support Internship

Overview

Description

This course provides supervised training in medical receptionist and administrative assistant skills through workplace experience in a medical-related office. It provides a practical application of medical receptionist and administrative assistant skills as part of the learning process. Weekly discussions will provide students with the opportunity to share learning experiences from their internship sites with fellow students. Technical Skills Assessment testing is included as well as a CPR certification requirement. Instructor permission required. This course is graded as Satisfactory or Unsatisfactory.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT-168

Type
Prerequisite

CAOT-168

Take CAOT-168; Minimum grade C-;

CAOT-179

Type
Prerequisite

CAOT-179

Take CAOT-179; Minimum grade C-;

CAOT-205

Type
Prerequisite

CAOT-205

Take CAOT-205; Minimum grade C-;

CAOT291 - Medical Billing Specialist Internship Medical Billing Specialist Internship I

Overview

Description

This course provides supervised training in medical accounts receivables/insurance billing through on-the-job experience in a medical facility. It provides practical application of medical accounts receivables/insurance billing as part of the learning process. The student must demonstrate a minimum of entry-level competence for a Medical Billing Specialist as determined by the internship supervisor. Instructor Permission Required. This course is graded as Satisfactory or Unsatisfactory.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisites1

Type
Prerequisite

BOAA-110 or ACCT-201

Take BOAA-110 ACCT-110 or ACCT-201; Minimum grade C-;

Prerequisites2

Type
Prerequisite

CAOT-186

Take CAOT-186; Minimum grade C-;

CAOT292 - Administrative Support Internship

Overview

Description

This course provides supervised training in administrative skills through on-the-job experience in a business office. It provides a practical application of administrative office skills as a part of the learning process and involves approximately nine hours per week of in-office work.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

CAOT205 CAOT210

Type
Prerequisite

CAOT-205 and CAOT-210

Take CAOT-205 CAOT-210;

CARP299 - Carpentry Independent Study

Overview

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CDA101 - Elementary Coeur d'Alene Language I

Overview

Description
This course is an introduction to an American Indian language designed for students with no previous foreign language study. The course will include specialized methods of working with an unwritten language and emphasize pronunciation, beginning grammar, vocabulary-building, and an introduction to Coeur d'Alene Tribal culture.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

CDA102 - Elementary Coeur d'Alene Language II

Overview

Description
This course is the second semester of an introduction to the native language of the Coeur d'Alene Tribe. It completes the outline of the major grammatical systems of the language.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CDA-101

Type
Prerequisite

CDA-101

Take CDA-101; Minimum grade C-;

CDA201 - Intermediate Coeur d'Alene Language

Overview

Description
This course provides training in conversational proficiency in an American Indian language. It features detailed discussion of grammar knowledge gained in CDA-101 and CDA-102 and insights into Coeur d'Alene culture revealed in the traditional oral literature.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CDA-102

Type
Prerequisite

CDA-102

Take CDA-102; Minimum grade C-;

CHD110 - Child Health, Safety and Nutrition

Overview

Description
This course introduces students to best practices in nutrition, health, and safety for young children, prenatal through age eight. Students will explore equipment and environment safety, prevention of infectious diseases and injuries, nutrition planning and preparation, physical and mental health issues, and available community resources. Emphasis is placed on establishing and maintaining a healthy, safe early learning/home environment, planning nutritious meals and snacks for young children, and educating young children on a wide variety of health, safety, and nutrition topics.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CHD134 - Infancy Through Middle Childhood

Overview

Description
This course provides an introductory overview of human development from conception through middle childhood. Physical, cognitive, and social-emotional development of typically and atypically developing children will be examined in the context of biological, historical, cultural, and familial influences.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CHD150 - Professional Partnerships - Families, Schools, and Community

Overview

Description
This course will cover the essentials for professionally managing an effective early care and education program or classroom by developing partnerships among staff, family, and community members. Topics include the design and implementation of contracts and policies, record keeping, communication strategies, family involvement, professional affiliations, and the importance of collaboration to supporting typically and atypically developing children and their families. Students will become aware of the impact personal attitudes and philosophies have on building partnerships, solving problems, and resolving conflicts. Students will become familiar with the NAEYC Code of Ethical Conduct and its practical application.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CHD165 - CDA Professional Portfolio Development

Overview

Description
This course is designed as the final step for individuals working in early childhood programs who are preparing to apply for their national Child Development Associate (CDA). Participants will be guided through the development of the final requirements for the Child Development Associate (CDA) credential, including: professional portfolio completion, collection of required resources, writing of six reflective statements of competence, administration/ summary/reflection of parent questionnaires, and development of a professional philosophy statement as outlined by the CDA application requirements. Students will also prepare for their CDA verification visit, online exam and will finalize their application to the National Council for Professional Recognition.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

CHD-110

Type
Corequisite

CHD-110

Take CHD-110; Minimum grade C-;

CHD-134

Type
Corequisite

CHD-134

Take CHD-134; Minimum grade C-;

CHD-150

Type
Corequisite

CHD-150

Take CHD-150; Minimum grade C-;

CHD171 - Early Childhood Curriculum

Overview

Description

This course will examine the critical role of curriculum in meeting the physical, social, emotional, and cognitive needs of all children from birth through age 8. Strategies for creating a child-centered approach to curriculum will be practiced including the use of space, materials, relationships, and routines. Self reflection and hands-on learning are vital components of this course. This course is required for the Academic Certificate in Child Development, as well as the A.S. in Child Development.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHD-134

Type
Prerequisite

CHD-134

Take CHD-134; Minimum grade C-;

CHD-198

Type
Corequisite

CHD-198

Take CHD-198;

CHD198 - Child Development Practicum I

Overview

Description

This course offers a supervised experience working with young children in the NIC Children's Center. It is required for the Academic Certificate in Child Development, and is the first of two practicum experiences for students in the A.S. Child Development program. Students gain practical experience working with mentor teachers, observing and assessing classroom environments, and learning how to meet the individual needs of children with varying abilities. Students will use information gained in the co-requisite course CHD-171: Early Childhood Curriculum to complete their guided experiences in this course.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHD-171

Type
Corequisite

CHD-171

Take CHD-171;

CHD-134

Type
Prerequisite

CHD-134

Take CHD-134; Minimum grade C-;

CHD235 - Observation and Assessment

Overview

Description
Students will investigate the interrelatedness of all domains of development with current theory and practice in early childhood in order to understand the value of both formal and informal observations. Students will utilize the knowledge gained from class lecture to complete weekly observations of children, record and analyze their observations, then collect documentation, with the purpose of completing a child study portfolio that assesses the development and learning of a child. Students will spend time observing children in early childhood classrooms in order to complete assignments.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHD-134

Type
Prerequisite

CHD-134

Take CHD-134; Minimum grade C-;

CHD243 - Early Childhood Education

Overview

Description
This course introduces students to the field of early childhood education. Developmentally appropriate practices for programs serving both typically and atypically developing children birth to age eight are examined. Topics include curriculum, play theory, literacy, behavior guidance, early care, education programs in the U.S. and internationally, primary grade education, and working with families.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

CHD254 - Child Guidance Theory

Overview

Description
This course introduces students to brain-based social learning theories that build resilience in children, families, teachers and schools. Students will explore strategies and skills necessary for connecting child development to appropriate expectations, designing responsive and supportive learning environments, and promoting pro-social behavior by helping children gain important social skills such as self-regulation, problem-solving, negotiation, understanding conflict as learning opportunity, and building respectful relationships with self, peers, and adults. Additional focus on children with unique needs and chronic behavior issues will be explored as well as the importance of early intervention. Students will be required to participate in field experience assignments in an early childhood setting to gain practical application through direct participation with children.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CHD-134

Type
Prerequisite

CHD-134

Take CHD-134; Minimum grade C-;

CHD298 - Child Development Practicum II

Overview

Description
This course offers students an opportunity to continue their child development practical experience working directly with young children in a supervised setting, such as in the NIC Children's Center, NIC Head Start program, or other approved setting. During practicum, lab students will continue to practice skills in team teaching, curriculum development, guidance techniques, and working with young children of varying abilities. Practicum 298 seminars will focus on professional roles and responsibilities in early childhood education as wells as local, national, and global issues facing early childhood education today.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHD-134

Type
Prerequisite

CHD-134

Take CHD-134; Minimum grade C-;

CHD-171

Type
Prerequisite

CHD-171

Take CHD-171; Minimum grade C-;

CHD-198

Type
Prerequisite

CHD-198

Take CHD-198; Minimum grade C-;

CHD299 - Child Development Independent Study

Overview

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CHEM100 - Concepts of Chemistry

Overview

Description
This course is an introduction to chemistry as it relates to modern technological society. It is designed for non-science majors who would like to learn about chemistry in the context of their everyday lives. Upon completion of CHEM-101, CHEM-100 will count as elective science credits only and will not satisfy core lab science credits.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-100L

Type
Corequisite

CHEM-100L

Take CHEM-100L;

CHEM100L - Concepts of Chemistry Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-100

Type
Corequisite

CHEM-100

Take CHEM-100;

CHEM101 - Introduction to Chemistry

Overview

Description
This course is a survey of the basic concepts of inorganic chemistry that includes quantitative concepts and development of problem solving methods. This course is designed for general education majors. It can be used by students as preparation for CHEM-111. It also satisfies chemistry requirements for allied health majors.

Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-025, MATH-090 or an appropriate score on a placement test.

Take 1 group; # Take MATH-025 MATH-102 MATH-108 MATH-123 MATH-130 MATH-143 MATH-144 MATH-147 MATH-148 MATH-160 MATH-170 MATH-175 MATH-187 MATH-253 MATH-275 MATH-335 MATH-370 or TRMA-100; Minimum grade C-; # Take MTHP-108 MTHP-123 MTHP-130 MTHP-153 MATH-M030 MTHP-143 MTHP-143P MTHP-147 MTHP-253 MTHP-160 MTHP-170 MATH-A045 MATH-A049 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-T051 or MATH-T099; # Take MATH-090; Minimum grade S;

CHEM-101L

Type
Corequisite

CHEM-101L

Take CHEM-101L;

CHEM101L - Introduction to Chemistry Lab

Overview

Credit Hours:
0

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-101

Type
Corequisite

CHEM-101

Take CHEM-101;

CHEM102 - Essentials of Organic and Biochemistry

Overview

Description
This course provides a general overview of inorganic, organic, and biological chemistry topics with a health care emphasis. CHEM-102 is designed to provide necessary chemistry background for subsequent courses in the health care field.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-102L

Type
Corequisite

CHEM-102L

Take CHEM-102L;

MATH Placement

Type
Prerequisite

MATH-025, MATH-090 or an appropriate score on a placement test.

Take 1 group; # Take MATH-025 MATH-108 MATH-123 MATH-130 MATH-143 MATH-144 MATH-147 MATH-160 MATH-170 MATH-175 MATH-187 MATH-253 MATH-275 MATH-335 or MATH-370; Minimum grade C-; # Take MTHP-108 MTHP-123 MTHP-130 MTHP-153 MTHP-143 MTHP-143P MTHP-147 MTHP-253 MTHP-160 MTHP-170 MATH-M030 MATH-A045 MATH-A061 MATH-A049 MATH-A099 MATH-C051 MATH-C099 MATH-T051 or MATH-T099; # Take MATH-090; Minimum grade S;

CHEM102L - Essentials of Organic and Biochemistry Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-102

Type
Corequisite

CHEM-102

Take CHEM-102;

CHEM111 - General Chemistry I

Overview

Description

This course is a study of matter and its interactions, including properties of matter, changes that it undergoes, and energy changes that accompany these processes. Emphasis is on concepts and problem solving, however many applications are examined. Students entering CHEM-111 are expected to have some chemistry background. This may be satisfied by completing CHEM-101, CHEM-102, achieving an AP-Chemistry score of 3 or higher, and MATH-108 or equivalent.

Credit Hours:
5

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH-108

Type
Prerequisite

MATH-108 or an appropriate score on a placement test.

Take 1 group; # Take 1 courses; Minimum grade C-; From Subject MATH; From Level 100; Except courses MATH-102 MATH-143D MATH-143E MATH-157 MATH-257; # Take MTHP-143 MTHP-143P MTHP-147 MTHP-253 MTHP-160 MTHP-170 MATH-M040 MATH-A045 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-T051 or MATH-T099;

CHEM-111L

Type
Corequisite

CHEM-111L

Take CHEM-111L;

CHEM-101 or CHEM-102

Type
Prerequisite

CHEM-101 or CHEM-102

Take 1 group; # Take CHEM-101 or CHEM-102; Minimum grade C-; # Take CHEM-111;

CHEM111L - General Chemistry I Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-111

Type
Corequisite

CHEM-111

Take CHEM-111;

CHEM112 - Principles of General College Chemistry II

Overview

Description
This course is a continuation of a study of matter and its interactions, including properties of matter, changes that it undergoes, and energy changes that accompany these processes. Emphasis is on concepts and problem solving; however, many applications are examined.

Credit Hours:
5

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-111

Type
Prerequisite

CHEM-111

Take CHEM-111; Minimum grade C-;

CHEM-112L

Type
Corequisite

CHEM-112L

Take CHEM-112L;

CHEM112L - Prin/Gen/Coll/Chem II Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-112

Type
Corequisite

CHEM-112

Take CHEM-112;

CHEM253 - Quantitative Analysis

Overview

Description
This course is the first course in the study of analytical chemistry for scientists. Students who are majoring in the physical or life sciences may take this course as an introduction to the basic concepts of quantitative analysis.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

CHEM-112

Type
Prerequisite

CHEM-112

Take CHEM-112; Minimum grade C-;

CHEM-253L

Type
Corequisite

CHEM-253L

Take CHEM-253L;

CHEM253L - Quan Analysis Lab

Overview

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

CHEM-253

Type
Corequisite

CHEM-253

Take CHEM-253;

CHEM275 - Carbon Compounds

Overview

Description
This course introduces students to aspects of organic chemistry important to life sciences. The course covers the structure, nomenclature, and physical properties of organic compounds.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-101 or CHEM-111

Type
Prerequisite

CHEM-101 or CHEM-111

Take CHEM-101 or CHEM-111; Minimum grade C-;

CHEM277 - Organic Chemistry I

Overview

Description
This course is the first course in a two-semester sequence of a comprehensive study of the principles and theories of organic chemistry emphasizing the properties, structure, synthesis and reactions of organic compounds.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-112

Type
Prerequisite

CHEM-112

Take CHEM-112; Minimum grade C-;

CHEM-278

Type
Corequisite

CHEM-278

Take CHEM-278;

CHEM278 - Organic Chemistry I Lab

Overview

Description
This course is the laboratory that accompanies CHEM-277. It is an introduction to organic laboratory techniques and spectroscopy, including organic compound synthesis.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-277

Type
Corequisite

CHEM-277

Take CHEM-277;

CHEM287 - Organic Chemistry II

Overview

Description
This course is a continuation of CHEM-277 and includes an introduction to biological molecules.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-277

Type
Prerequisite

CHEM-277

Take CHEM-277; Minimum grade C-;

CHEM-288

Type
Corequisite

CHEM-288

Take CHEM-288;

CHEM288 - Organic Chemistry II Lab

Overview

Description
This course is the laboratory that accompanies CHEM-287. It is a continuation of organic synthesis and spectroscopy.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-278

Type
Prerequisite

CHEM-278

Take CHEM-278; Minimum grade C-;

CHEM-287

Type
Corequisite

CHEM-287

Take CHEM-287;

CHEM299 - Chemistry Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CINA126 - Film and Culture

Overview

Description
This course presents films as artifacts of culture and history, examines North American and foreign films, and evaluates selected critical readings to promote meaningful comparative analysis. It focuses on becoming more critically aware of the rich and diverse forms of cinematic expression, developing an appreciation for responses to visual imagery, and using basic concepts of film theory and cultural analysis to enrich the viewing experience. The concepts and methods introduced have applications to careers in broadcasting, graphic design, public relations, journalism, and corporate communications. This course is the same as HUMS-126.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

CINA126L - Film and International Culture Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CINA-126

Type
Corequisite

CINA-126

Take CINA-126;

CITE104 - Systems Administration I

Overview

Description
This course covers the fundamentals of implementing, managing, maintaining, and provisioning services and infrastructure in an on-premise server-based network environment. This course covers the implementation and configuration of core networking services, such as IP networking, file storage, identity, user and group management, file and print services, remote access, and virtualization.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-105

Type
Corequisite

CITE-105

Take CITE-105;

CITE-116

Type
Corequisite

CITE-116

Take CITE-116;

CITE-127

Type
Corequisite

CITE-127

Take CITE-127;

CITE105 - Systems Administration I Projects

Overview

Description
This course utilizes projects in teaching the fundamentals of implementing, managing, maintaining, and provisioning services and infrastructure in an on-premise server-based network environment. This course covers the implementation and configuration of core networking services, such as IP networking, file storage, identity, user and group management, file and print services, remote access and virtualization.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-104

Type
Corequisite

CITE-104

Take CITE-104;

CITE-116

Type
Corequisite

CITE-116

Take CITE-116;

CITE-127

Type
Corequisite

CITE-127

Take CITE-127;

CITE116 - Desktop Operating System Support

Overview

Description
This course concentrates on supporting desktop and mobile operating systems in an enterprise computing environment. It examines installation, configuration, networking, remote access, resource access, secure wireless network access, security issues and their resolution.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

CITE118 - Computer Information Technology Essentials

Overview

Description
This course covers the fundamentals of computer hardware and software and advanced concepts such as security, networking, and the responsibilities of an IT professional. Additional topics include mobile operating systems, OS X, Linux, and client-side virtualization. Expanded topics include Microsoft Windows operating systems, cybersecurity concepts, networking, and troubleshooting.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

CITE119 - Computer Information Technology Essentials Projects

Overview

Description
This course presents a comprehensive advanced exposure to computer operating systems and hardware. Students working through hands-on activities and labs gain skills in assembling components, install, configure and maintain devices, PCs and software, understand the basics of networking and security/forensics, laptops, printers and properly diagnose, document, resolve common hardware and operating system software issues while applying troubleshooting skills. Students also gain understanding of appropriate customer support; understand the basics of virtualization, desktop imaging, and deployment. Additional topics include mobile operating systems, OS X, Linux, and client-side virtualization. Expanded topics include Microsoft Windows operating systems, cybersecurity concepts, networking, and troubleshooting.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-118

Type
Corequisite

CITE-118

Take CITE-118;

CITE-116 and CITE-127

Type
Prerequisite

CITE-116 and CITE-127

Take CITE-116 CITE-127;

CITE121 - Network Support I

Overview

Description
This course provides students with the knowledge of the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of LAN concepts, media, and operations are introduced to provide a foundation for students.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-122

Type
Corequisite

CITE-122

Take CITE-122;

CITE-118 and CITE-119

Type
Corequisite

CITE-118 and CITE-119

Take CITE-118 CITE-119;

CITE122 - Network Support I Projects

Overview

Description
This course provides students with the knowledge of the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of LAN concepts, media, and operations are introduced to provide a foundation for the student to be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes and troubleshoot network issues.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-121

Type
Corequisite

CITE-121

Take CITE-121;

CITE-118 and CITE-119

Type
Prerequisite

CITE-118 and CITE-119

Take CITE-118 CITE-119;

CITE127 - Desktop Commodity Operating System Support Projects

Overview

Description
This course utilizes projects in supporting commodity desktop and mobile operating systems in an enterprise computing environment. It examines installation, configuration, maintenance, remote access, resource access, secure wireless network access, security issues and their resolution. In addition configuring backups and restoring data, installing patches and updates, and networking are examined.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-116

Type
Corequisite

CITE-116

Take CITE-116;

CITE140 - Introduction to Cybersecurity

Overview

Description
This course is designed to provide the fundamental concepts of cybersecurity. These concepts include cybersecurity theory and basic techniques for optimizing security on personal computers and small networks. Topics include the historical view of networking and security, security issues, trends, security resources, and the role of policy, people, and processes in information security.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-118

Type
Corequisite

CITE-118

Take CITE-118;

CITE 121

Type
Corequisite

CITE-121

Take CITE-121;

CITE-122

Type
Corequisite

CITE-122

Take CITE-122;

CITE142 - Information Security Fundamentals

Overview

Description
This course is an introduction to network security and overall security processes and offers in-depth coverage of the risks and threats to an organization's data, combined with a structured way of addressing the safeguarding critical assets. The course provides a foundation for those new to security practices as well as those responsible for protecting network services, devices, traffic, and data.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-213

Type
Prerequisite

CITE-213

Take CITE-213;

CITE-215

Type
Prerequisite

CITE-215

Take CITE-215;

CITE145 - Cybersecurity Law and Ethics

Overview

Description
This course presents the student with issues of law and ethics in cyberspace. Cyber Ethics provides a framework for making ethical decisions that computer professionals are likely to encounter. This course examines ethical and legal issues as they apply to information systems.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

CITE152 - Networking Essentials

Overview

Description
This course provides instruction in the fundamentals of networking and allows a student to develop a foundational understanding of network's high-level architecture and operational capacity. Topics explore various ways to interface with networks, including how to build, configure, test, name, and troubleshoot them. Students will learn how devices communicate on a network, and the services they can provide.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

CITE155 - Linux Essentials

Overview

Description
This course will provide students with the fundamental concepts of Linux operating systems. The course covers such topics as the Linux file system, commands, utilities, text editing, shell programming, and text processing utilities. Students will learn command line syntax and features of the popular Linux shells, including filename generation, redirection, pipes, and quoting mechanisms. The course is designed to help students prepare for professional careers in the information technology and cybersecurity fields. It also helps prepare individuals seeking to pass Linux-based industry certification.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

CITE165 - Linux System Administration

Overview

Description
This course introduces the student to the intermediate level of system administration using Linux operating systems. Additionally, the course provides the broad-based knowledge necessary to prepare students for further study in other specialized security fields and will also appeal to Microsoft professionals seeking to gain Linux experience.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-155

Type
Prerequisite

CITE-155

Take CITE-155;

CITE206 - Systems Administration II

Overview

Description
This course covers the administration tasks necessary in maintaining a Cloud hosted network infrastructure. Topics include, Cloud architecture and billing, deploying images, compute and storage resources, networking resources, managing users and groups, managing policies, securing data, remote access, monitoring, and update management.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-104

Type
Prerequisite

CITE-104

Take CITE-104; Minimum grade C-;

CITE-105

Type
Prerequisite

CITE-105

Take CITE-105; Minimum grade C-;

CITE-207

Type
Corequisite

CITE-207

Take CITE-207;

CITE207 - Systems Administration II Projects

Overview

Description
This course uses projects to teach the skills necessary to deploy and maintain a Cloud hosted network infrastructure. Projects include deploying images, network and compute resources, managing users and groups, management policies, managing storage, securing data, configuring remote access, estimating costs, monitoring, and configuring update management.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-206

Type
Corequisite

CITE-206

Take CITE-206;

CITE-104

Type
Prerequisite

CITE-104

Take CITE-104; Minimum grade C-;

CITE-105

Type
Prerequisite

CITE-105

Take CITE-105; Minimum grade C-;

CITE208 - Systems Administration III

Overview

Description
This course covers systems administration tasks necessary in supporting hybrid multi-vendor enterprise networks. Topics include deploying a hybrid network infrastructure, advanced user and group management, advanced networking services, cross vendor network integration, identity management, designing for fault tolerance, security, and disaster recovery.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-206

Type
Prerequisite

CITE-206

Take CITE-206; Minimum grade C-;

CITE-207

Type
Prerequisite

CITE-207

Take CITE-207; Minimum grade C-;

CITE-209

Type
Corequisite

CITE-209

Take CITE-209;

CITE209 - Systems Administration III Projects

Overview

Description
This course uses projects to teach the skills necessary to support hybrid multi-vendor network infrastructures. Projects include deploying a hybrid network infrastructure, implementing advanced user and group management, implementing advanced networking services, supporting cross vendor network integration, supporting identity management, designing for fault tolerance, security, and disaster recovery.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-208

Type
Corequisite

CITE-208

Take CITE-208;

CITE-206

Type
Prerequisite

CITE-206

Take CITE-206; Minimum grade C-;

CITE-207

Type
Prerequisite

CITE-207

Take CITE-207; Minimum grade C-;

CITE213 - Network Support II

Overview

Description
This course describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with virtual LANs and inter-VLAN routing in both IPv4 and IPv6 networks.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-121

Type
Prerequisite

CITE-121

Take CITE-121; Minimum grade C-;

CITE-215

Type
Corequisite

CITE-215

Take CITE-215;

CITE215 - Network Support II Projects

Overview

Description
This course describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with virtual LANs and inter-VLAN routing in both IPv4 and IPv6 networks.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-213

Type
Corequisite

CITE-213

Take CITE-213;

CITE217 - Network Support III

Overview

Description
This course describes the architecture, components, and operations of routers and switches in larger and more complex networks. Students learn how to configure routers and switches for advanced functionality and troubleshoot routers and switches and resolve common issues with routing and switching protocols in IP networks. Students will also develop the knowledge and skills needed to implement remote access operations in a complex network.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-213

Type
Prerequisite

CITE-213

Take CITE-213; Minimum grade C-;

CITE219 - Network Support III Projects

Overview

Description
This course describes the architecture, components, and operations of routers and switches in larger and more complex networks. Students learn how to configure routers and switches for advanced functionality and troubleshoot routers and switches and resolve common issues with routing and switching protocols in IP networks. Students will also develop the knowledge and skills needed to implement remote access operations in a complex network.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-217

Type
Corequisite

CITE-217

Take CITE-217;

CITE235 - Network Security Fundamentals

Overview

Description
This course prepares students for entry-level security specialist careers by developing an in-depth understanding of network security principles and the tools and configurations needed to secure a network. Students will have hands-on experience with network implementation, network security, firewall implementation and maintenance and server hardening techniques.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-142

Type
Corequisite

CITE-142

Take CITE-142;

CITE237 - Ethical Hacking and Systems Defense

Overview

Description

This course combines an ethical hacking methodology with the hands-on application of security tools to better help students understand securing systems. Students are introduced to common countermeasures that effectively reduce and/or mitigate attacks. Students will also practice using structured knowledge bases to discover vulnerabilities and recommend solutions for tightening network security and protecting data from potential attackers. Focus is on penetration-testing tools and techniques to protect computer networks.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-235

Type
Prerequisite

CITE-235

Take CITE-235; Minimum grade C-;

CITE239 - Network Forensics and Incident Response

Overview

Description

This course explores security incidents and intrusions, including identifying and categorizing incidents, responding to incidents, log analysis, network traffic analysis, various tools, and creating an incident response team.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-235

Type
Prerequisite

CITE-235

Take CITE-235; Minimum grade C-;

CITE241 - Data Management

Overview

Description

This course covers conceptual data modeling and introduces MySQL. Students will learn how to create simple to complex SELECT queries, including subqueries and joins, and how to use SQL to update and delete data. Topics covered in this course include exposure to MySQL; creating and modifying databases, tables, views, foreign keys and primary keys (FKs and PKs), and indexes; populating tables; and developing queries that range from simple SELECT queries to complex multi-table join queries.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisites

Type
Prerequisite

CITE-118

Take CITE-118;

CITE243 - Command Line and Scripting Fundamentals

Overview

Description

This course teaches the fundamental skills necessary for working in a command line environment of today's common operating systems such as Microsoft DOS and PowerShell and the Linux Bash environment. This course is intended for technical professionals wanting to advance their skills and for students preparing for a technology-related career. It also offers an introduction to scripting languages including basic data types, control structures, regular expressions, input/output, and textual analysis.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

CITE245 - Intermediate Command Line and Scripting

Overview

Description

This is a comprehensive course that develops command-line proficiency and scripting skills essential for cybersecurity and system administration. Students master command line interfaces, shell scripting, automation techniques, and scripting languages, including PowerShell, Bash, and Python. Focus on practical applications for system administration, security automation, and incident response.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequsities

Type
Prerequisite

CITE-243

Take CITE-243;

CITE247 - Systems Architecture

Overview

Description
This course will address multi-cloud and cloud portability strategies, Infrastructure as Code, and managing model deployment, versioning, and monitoring. Also covered are microservices, serverless and edge computing, and architecting systems that incorporate LLMs and other AI models.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisites

Type
Prerequisite

CITE-165 or CITE-206

Take CITE-165 or CITE-206;

CITE249 - AI and Automation

Overview

Description
This course addresses adaptive architectures and agentic systems architecture (ASA), infrastructure automation, and automated security, as well as when not to use AI/automation. Also addressed are safety and control mechanisms and intelligent observability.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisites

Type
Prerequisite

CITE-243

Take CITE-243;

CITE258 - Cyber Operations

Overview

Description
This course teaches knowledge and skills needed to successfully handle the tasks, duties, and responsibilities of an associate-level Cybersecurity Analyst working in a Security Operations Center (SOC). Students are exposed to the knowledge required to detect, analyze, and escalate basic cybersecurity threats. Numerous opportunities are offered to a student to practice the necessary skills using common open-source tools.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

CITE275 - Intrusion Detection/ Prevention Systems Fundamentals

Overview

Description
This course is designed to allow students to gain a thorough foundation in the design, implementation, and administration of Intrusion Detection Systems and Intrusion Prevention Systems, as well as practical, hands-on experience working with these systems. In addition, students analyze various attack signatures and the network traffic these systems collect.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CITE-235

Type
Corequisite

CITE-235

Take CITE-235;

CITE289 - Cyber Competitions

Overview

Description
This course prepares the student to participate in various cybersecurity competitions. It covers topics in the major areas of concentration for the competitions, and students will participate in practice competitions. Participating in a competition teaches students practical techniques for securing a network or personal data. This course provides an in-depth understanding of how to effectively protect computer networks. Students will learn the tools and penetration testing methodol0gies used by ethical hackers. In addition, the course provides a thorough discussion of what and who an ethical hack is and how important they are in protecting corporate and government data from cyber attacks. Students will learn updated computer security resources that describe new vulnerabilities and innovative methods to protect networks. Also covered is a thorough update of federal and state computer crime laws, as well as changes in penalties for illegal computer hacking.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

CITE295 - Computer Information Technology Internship

Overview

Description
This course involves a working partnership in which the sophomore students of the CITE program join with area employers in a structured, real-life relationship. Students will gain insight and on-the-job work experience doing projects that would normally be assigned to the employer's entry-level support staff. During this supervised experience, students will be evaluated on their performance of course competencies. Students are responsible for finding an appropriate internship site and permission of the instructor is required. This course may be used to substitute for ATEC-117.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

26 Credits

Type
Prerequisite

26 credits (level 100 or higher)

Take 26 credits; Minimum grade C-; From Levels 100 200 300;

CITE296 - Cybersecurity Internship

Overview

Description
This course involves a working partnership in which the sophomore students of the Network Security Administration program join with area employers in a structured, real-life relationship. Students will gain insight and on-the-job work experience doing projects that would normally be assigned to the employer's entry-level support staff. During this supervised experience, students will be evaluated on their performance of course competencies. Students are responsible for finding an appropriate internship site and permission of the instructor is required. This course may be used to substitute for ATEC-117 or CITE-289 Cybersecurity Competitions in the Network Security Administration program. Students must be sophomore status or have instructor permission to enroll in CITE-296.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

CJ103 - Introduction to Criminal Justice

Overview

Description
This course is an introduction to the American criminal justice system and is intended to provide an overview of the Criminal Justice field. Students examine each of the three primary components of the justice system: policing (law enforcement and its agencies), adjudication (the court system and its actors), and the corrections (theory and practice). Each component will examine the social and legal relationships between individual rights and societal rights.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CJ201 - Policing In America

Overview

Description
This course will examine the challenges of police and the community in American society. By integrating theory, research, and policy, this course will provide a foundation on the history of police and community relationships, police work, police culture/behavior, police discretion, and related topics such as law enforcement and social polarization.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CJ-103

Type
Prerequisite

CJ-103

Take CJ-103; Minimum grade C-;

CJ202 - Corrections in America

Overview

Description
This course includes a survey of the historical, philosophical, and legal bases of correctional procedures and institutions and an examination of current problems and innovations.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CJ-103 or LAWE-103

Type
Prerequisite

CJ-103

Take 1 group; # Take CJ-103; # Take LAWE-103; Minimum grade C-;

CJ203 - Drugs and Society

Overview

Description
This course explores historical origins and trends of drug use, describes and evaluates the processes that produce policies in the United States, and explores the implications of those policies for the actors in the various systems regulating drugs. A variety of substances will be discussed, from caffeine to cocaine. Students will be able to evaluate the effects of drug use, the effects of policies regarding the regulation of drugs, and the impact of both of these on their own life and the lives of those living in communities that these policies impact.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101;

PSYC-101

Type
Prerequisite

PSYC-101

Take PSYC-101;

CJ-103

Type
Prerequisite

CJ-103

Take CJ-103;

CJ205 - Criminal Procedures

Overview

Description
This course includes an examination of the procedural aspects of criminal law. It will include specific applications of procedures by actors in the criminal justice process including police, prosecutors, defense attorneys, judges, and corrections officials. This examination will provide a basic understanding of state and local legal codes, as well as current applications of law in both arrest and search and seizure.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

CJ245 - Introduction to Criminology

Overview

Description
This course introduces students to the study of criminology by exploring a broad range of issues related to crime and criminal behavior. The course reviews the theoretical foundations and relevant research for understanding the causes of crime, criminal behavior, and systems of punishment within society.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

SOC-101 or SOC-102

Type
Prerequisite

SOC-101 or SOC-102

Take SOC-101 or SOC-102;

CJ290 - Criminal Justice Internship

Overview

Description
This course provides students with an opportunity to work in an agency related to their academic interest and early career goals. The Criminal Justice Internship Program is intended to reinforce academic concepts through practical work experience, to familiarize students with the rigor of the workplace, and to assist students in making future career choices complementary to their abilities. It involves 135 hours (approximately nine hours each week for 15 weeks) of on-the-job-training with a qualified supervisor. It is graded on a satisfactory/unsatisfactory basis.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

CJ-103

Type
Prerequisite

CJ-103

Take CJ-103; Minimum grade C-;

CJ-205, CJ-202, CJ-245 & POLS-101

Type
Prerequisite

CJ-205, CJ-202, CJ-245 and POLS-101

Take CJ-205 CJ-202 CJ-245 POLS-101;

CLC101 - Designing Your NIC Experience

Overview

Description
This course is designed to promote the academic success and personal development of all students by equipping them with strategies and life skills they will use throughout college and beyond. Through a holistic, student-centered approach, students will identify their strengths and weaknesses, adopt new learning strategies, and utilize resources available to them at NIC.

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CLC102 - Career Readiness

Overview

Description
This course employs collaborative approaches to help students build essential career development skills through the lens of holistic wellness. Students explore how emotional, social, intellectual, environmental, and occupational wellness connect to professional growth and success. Emphasizing balance, purpose, and self-awareness, the course includes reflection, discussions, mentorship, job shadowing, and guided practice. By linking wellness principles with practical career preparation, students gain the tools, confidence, and habits needed to pursue meaningful career opportunities and sustain lifelong personal and professional well-being.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

CLC105 - College Study Skills

Overview

Description
This course provides instruction on how to use powerful study skills to consistently achieve academic goals and experience success. This course emphasizes learning styles and preferences, managing time, memory coding and recall, taking notes, reading textbooks efficiently, strengthening listening skills, and preparing for and taking exams.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

CLC115 - Academic Pathways Exploration

Overview

Description
This course provides an introduction to a variety of academic programs and pathways offered at North Idaho College. Through weekly guest lectures from experts in the discipline, students will learn about the basis of each discipline, potential career opportunities, and gain insight into some of the latest research and technology. This course is designed for students with undecided career pathways and those who want to explore their academic curiosity.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

CLC120 - First Year Experience Seminar

Overview

Description
This course is designed to provide first-year students a community in which they develop the habits and practices of effective college citizens and make meaningful connections to those habits and practices in appropriate disciplinary contexts. It will also provide students with an opportunity to cultivate intellectual curiosity in order to foster critical thinking skills, define academic pathways, and develop career readiness skills. Emphasis is on active engagement in learning processes through self-reflection, peer interaction, and engagement with the campus community and resources.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

CLC121 - Dual Credit Transition Seminar

Overview

Description
This course is designed to provide dual enrollment habits and practices of effective college citizens and make meaningful connections to those habits and practices in appropriate disciplinary contexts. It will also provide students with an opportunity to cultivate intellectual curiosity in order to foster critical thinking skills, define academic pathways, and develop career readiness skills. Emphasis is on active engagement in learning processes through self-reflection, peer interaction, and engagement with the campus community and resources.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CLC-130

Type
Corequisite

CLC-130

Take CLC-130;

CLC130 - First Year Experience Learning Community Symposium

Overview

Description
This course engages students in project-based learning using design thinking. Project topics will relate to content of the co-requisite course and will be co-constructed by students and the faculty. Outcomes and themes from CLC-120 including, collegiate citizenship, intellectual curiosity and career readiness will be developed through project activities.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CLC-120

Type
Prerequisite

CLC-120

Take CLC-120;

CMGT110 - Construction Materials and Methods

Overview

Description
This course is an introduction to vocabulary and knowledge, identification of construction materials, elements, and systems.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CMGT-111

Type
Corequisite

CMGT-111

Take CMGT-111;

CMGT111 - Construction Materials and Methods Lab

Overview

Description
This course provides an introduction to construction safety. Hands-on applications in site layout, formwork and concrete; masonry; steel; wood; and other construction materials.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CMGT-110

Type
Corequisite

CMGT-110

Take CMGT-110;

CMGT220 - Introduction to Construction Management

Overview

Description
This course studies construction management in a global environment. Topics include organizational environments, contract delivery methods, the design and construction process, basic estimating, and basic scheduling.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

CMGT245 - Drawings, Specifications, and Codes

Overview

Description
Reading and interpretation of construction drawings. Introduction to and practice in how orthographic views and pictoral drawings are used to represent objects. Organization, vocabulary and meaning of construction specifications and building codes.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

CMGT250 - Construction Communications

Overview

Description
Preparation of effective oral presentations and written documents and correspondence related to common construction industry scenarios. Consideration of ethical, professional, and civil behavior in both written and oral communication for construction project administration and management.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

COMJ100 - The Sentinel

Overview

Description
This course provides a practical working environment to apply journalism theory and techniques in a variety of disciplines for The Sentinel, NIC's national award-winning student news organization. Sentinel students distribute newsworthy content concerning the campus community across print, online and social media platforms. Students must contribute in one or more of the following areas: reporting, editing, design, photography, illustrations, comics, website maintenance, mobile applications, and/or advertising. The course may be repeated for a total of 10 credits. Previous or concurrent news writing, photo, design, art, business and/or web page experience advised in area(s) of interest. Leadership/travel opportunities available.

Credit Hours:
1

Maximum Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

COMJ-121

Type
Prerequisite

COMJ-121

Take COMJ-121;

COMJ121 - Introduction to Media Writing

Overview

Description
This course provides an introduction to the principles of writing and organizing stories for publication in print and electronic mediums. Students will develop and compose news stories, learn and adhere to industry-standard style guidelines, conduct meaningful and appropriate research, and understand how the ethics, laws, and culture of journalism influence media coverage. Basic media-writing skills will enhance a student's ability to procure employment in print, broadcast, public relations, and corporate communication professions.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Corequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102;

COMJ140 - Mass Media in a Free Society

Overview

Description
This course examines the development, successes and failures of today's American media. Students will learn to become media literate consumers of books, magazines, newspapers, film, television, the Internet and other modern formats. Media theories, public relations and advertising will also be discussed.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

COMJ222 - Modern Reporting and Podcasting

Overview

Description
This course provides practical experience learning and working with modern technologies to enhance news coverage and reporting skills on a variety of platforms. Students learn to create and post multimedia and print content that adheres to journalistic standards and practices. Students will build and maintain a blog, engage with multimedia platforms, and complete podcasting and video editing assignments. Students will gain skills that prepare them for advancement to upper division journalism coursework or careers in publishing content on a variety of platforms.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

COMJ298 - Journalism Practicum

Overview

Description
Journalism Practicum provides on-the-job training and experience through averaging a four hour weekly internship in a media related workplace. Developed as a "contract" agreement between the student intern and a "host" organization with permission of the instructor, this practicum offers practical work experience supporting preparation for upper division college studies or career entry. Students seeking clarification of career direction or "real world" experience will benefit. This course may be repeated for a total of 8 credits.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

COMM101 - Fundamentals of Oral Communication

Overview

Description
This course introduces students to what communication is and how it affects human interaction. Emphasis is on public speaking with attention to audience analysis, organizational, and delivery skills. The controlled and supportive classroom environment is an ideal setting for students to practice and perfect those communication skills of effective speaking and critical listening valued in all professions, the community, and personal relations. It is, however, a complex discipline of reading, writing, research, and performance.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

COMM103 - Oral Interpretation

Overview

Description
This course makes literature come alive through effective reading. Interpreting is the goal of this course. Students will learn to select, analyze, and perform literary pieces including stories, plays, poems, and famous orations.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
Even Years

COMM111 - Interview Techniques

Overview

Description
This course provides practical experience in the development of interviewing techniques for a variety of settings and career applications. The process is analyzed and practiced, including setting up, conducting, and assessing the interview. Students learn to design and carry out effective interviews through study and practice of the practical "do's and don'ts" for several types of interviews. Skills gained are helpful to those pursuing careers in journalism, communications, law enforcement, psychology, oral history, and counseling.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

COMM207 - Dynamics of Social Media

Overview

Description
This course explores emerging and established social media communication platforms and their impact on human interaction. Topics discussed and explored include: social media history, structure, and functions; virality; and persuasion and marketing via new media.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

COMM209 - Argumentation

Overview

Description
This course is an introduction to the principles and practices of argumentation as a form of communication. Analysis, reasoning, evidence, and refutation skills are stressed. It provides skills in reasoned argumentation and is useful for pre-law, business, and careers where logical analysis and structured reasoning is stressed.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

COMM-101

Type
Prerequisite

COMM-101 and strong college-level reading and writing skills

Take COMM-101;

COMM212 - Nonverbal Communication

Overview

Description
This course is an introduction to the basic concepts in the study of body language, symbols, and various means of communicating without using spoken language. The study of nonverbal communication will help students better understand how people communicate in relationships at work and at home, and may create an awareness of the students' own nonverbal communication style.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

COMM220 - Introduction to Intercultural Communication

Overview

Description
This course is an introduction to cultural differences and their effects on communication. The course attempts to help students become more sensitive to the needs of people from other cultures with whom we interact. With more diversity in our country, and to create and maintain positive relationships with minimal hostility and friction, an understanding of how to communicate across cultures will prove to be a considerable asset. Communication competence with people of other cultures calls for a repertoire of communication skills rarely taught in any other college course.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

COMM233 - Interpersonal Communication

Overview

Description
This course is an introduction to the skills and concepts that impact how people deal on a one-to-one level within interpersonal relationships. Emphasis is on self-examination and understanding how "I communicate with others" and how that can be improved. Students will develop an understanding of how perception, identity and gender influence our communication. This is an excellent course for developing skills necessary for everyday life where relationships must be developed and maintained.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

COMM236 - Small Group Communication

Overview

Description
This course is designed to present the fundamentals of small group communication in such a way that the student actually experiences the small group process and evaluates his/her own and other's behaviors for success. The course will combine theory and practical application.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

COMM299 - Communications Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CPL121 - Introduction to Credit for Prior Learning

Overview

Description
This course is designed to introduce students to credit for prior learning. Students will summarize prior learning experiences, request and review outlines for applicable courses, develop goal statements, and write a detailed work history.

Credit Hours:
1

CPL122 - Credit for Prior Learning Portfolio Development

Overview

Description
This course is designed to instruct students in methods utilized to summarize and document prior learning experiences. Students will describe skills, competencies and areas of knowledge that may have been attained outside of a traditional classroom environment. Students will write, edit and build a portfolio.

Credit Hours:
2

Requisites

Simple Requisites

CPL-121

Type
Prerequisite

CPL-121

Take CPL-121; Minimum grade C-;

CPL123 - Portfolio Credit Assessment

Overview

Description
A team comprised of a minimum of three people including program instructors, the Division Chair, and the Dean will evaluate portfolio requests for credit. It is the student's responsibility to provide sufficient information about previous learning experiences and how they have applied the learning in the specific profession.

Credit Hours:
1

Maximum Credit Hours:
15

Requisites

Simple Requisites

CPL-122

Type
Prerequisite

CPL-122

Take CPL-122; Minimum grade C;

CPL-121

Type
Prerequisite

CPL-121

Take CPL-121; Minimum grade C-;

CS115 - Introduction to Problem Solving and Programming

Overview

Description
This course provides an introduction to computational thinking and problem solving. Students will be able to apply elementary computing concepts including variables, loops, functions, lists, conditionals, concurrency, data types, simple object oriented concepts, I/O, events, syntax, and structured programming. Basic concepts of computer organization and editing, and the influence of computers in modern society will be explored. NOTE: CS-115 carries no credit if taken after successful completion of higher numbered computer science courses.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

Math Placement

Type
Prerequisite

MATH-108 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M040 MATH-A099 MATH-C051 MATH-C099 MATH-T051 MATH-T099 MTHP-143P MTHP-143 MTHP-147 MTHP-253 MTHP-144 MTHP-160 MTHP-170 MTHP-187 or MATH-108; # Take MATH-108; Minimum grade C-; # Take MATH-143 MATH-143P MATH-144 MATH-147 MATH-160 MATH-170 or MATH-175; Minimum grade C-;

CS150 - Computer Science I

Overview

Description
This course offers an introduction to the field of computer science using a current programming language. Central themes of the class include an introduction to computer organization; algorithmic problem solving; structured and object oriented program design; and the societal and professional context in which computer science exists. Fundamental data types including arrays and structures will be explored and concepts such as sorting and searching algorithms, complexity, invariants, abstract data types and pointers will be introduced.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CS150L

Type
Corequisite

CS-150L

Take CS-150L;

MATH144,147,170

Type
Corequisite

MATH-144, MATH-147, or MATH-170; one with minimum grade of C-, or achieve sufficient score on placement assessment.

Take MATH-144 MATH-147 or MATH-170; Minimum grade C-;

CS150L - Computer Science I Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CS-150

Type
Corequisite

CS-150

Take CS-150;

CS151 - Computer Science II

Overview

Description
This course provides continuing experience in problem solving and software design methods. The exploration of recursion is continued and the entire software-design cycle is considered in greater depth. Introduction to abstract data types and fundamental data structures will cover topics: writing code to generate, use, and maintain complex dynamic structures, including linked lists, pointers, stacks, queues, sorts, searches, and trees. Other topics include a continued development of skills in the analysis of algorithms, dynamic memory use, and the use of external files.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CS-150

Type
Prerequisite

CS-150

Take CS-150; Minimum grade C-;

MATH-187

Type
Corequisite

MATH-187

Take MATH-187;

CS-151L

Type
Corequisite

CS-151L

Take CS-151L;

CS151L - Computer Science II Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CS-151

Type
Corequisite

CS-151

Take CS-151;

CS155 - Computer Organization and Assembly Language

Overview

Description
This course covers topics including digital logic, machine-level representation of data, and processor architecture covering the ALU, control unit, assembly language, memory organization, addressing methods, I/O and interrupts.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CS-150

Type
Prerequisite

CS-150

Take CS-150; Minimum grade C-;

MATH-187

Type
Corequisite

MATH-187

Take MATH-187;

CS210 - Programming Languages

Overview

Description
This course develops fundamental concepts of major programming languages, with primary emphasis on language features and their role in designing code and software. Students will study the constructs of programming language design including a conceptual study of procedural, data-flow, functional, and object-oriented languages.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CS-151

Type
Prerequisite

CS-151

Take CS-151; Minimum grade C-;

CS220 - Secure Coding and Analysis

Overview

Description
This course introduces students to the characteristics of secure programs and the ability to implement programs that are free from vulnerabilities. Topics include: evaluating software, adding security mechanisms to software, and testing software for vulnerabilities.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CS-151

Type
Prerequisite

CS-151

Take CS-151;

CS240 - Digital Logic

Overview

Description
This course includes the following topics: digital logic concepts, logic design, Karnaugh maps, combinational and sequential networks, state tables, state machines, and programmable logic arrays. Laboratory activities use basic lab equipment, logic analyzers, and digital oscilloscopes.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

MATH-170 or MATH-187

Type
Prerequisite

MATH-170 or MATH-187

Take MATH-170 MATH-175 MATH-187 MATH-253 or MATH-275; Minimum grade C-;

CS-240L

Type
Corequisite

CS-240L

Take CS-240L;

CS240L - Digital Logic Lab

Overview

Credit Hours:
0

Offering Cycle
SPR

Requisites

Simple Requisites

CS-240

Type
Corequisite

CS-240

Take CS-240;

CS241 - Computer Operating Systems

Overview

Description
This course provides an overview of operating systems and operating system principles. It includes sections on concurrency, scheduling and dispatch, memory management, net-centric computing, OS security, and process management. Concurrent programming using threads is also explored.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CS-151

Type
Prerequisite

CS-151

Take CS-151; Minimum grade C-;

CS-155

Type
Prerequisite

CS-155

Take CS-155; Minimum grade C-;

CS-270 or CS-228

Type
Corequisite

CS-228 or CS-270

Take CS-270 or CS-228;

CS270 - System Software

Overview

Description
This course is designed to provide an introduction to the UNIX operating system and variants (such as Linux) as well as system programming concepts. Programming productivity tools will be introduced such as making, debugging, linking, and loading tools. Shell programming and scripting languages will also be used. System programming tools include process management and interprocess communication, exception handling, network concepts, and network programming.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CS-151

Type
Prerequisite

CS-151

Take CS-151; Minimum grade C-;

CS280 - Introduction to Robotics

Overview

Description
This course introduces students to robotics and robotic systems concepts. Topics include: programming concepts, Python programming language, version control, robot components such as sensors, peripherals and motors, machine vision, artificial intelligence (AI), Programmable Logic Controllers (PLC) and automation in industry. Minor programming experience is recommended for this course.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CS-115

Type
Prerequisite

CS-115

Take CS-115;

CS290 - Computer Science Internship

Overview

Description
An off-campus experience directed by an on-site supervisor, but overseen by a faculty member designated to provide the student with an opportunity to observe and/or participate in a job-related activity that falls within the student's field of study. Six credits maximum may be applied toward graduation. Instructor permission required.

Credit Hours:
1

Maximum Credit Hours:
6

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CS298 - Computer Science Practicum

Overview

Description
An out-of-classroom experience designed to give learned in academic course work to specific community-related or employment-related situations. Practicums are overseen by a faculty member. Eight credits maximum may be applied toward graduation. Instructor permission required.

Credit Hours:
1

Maximum Credit Hours:
8

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CULA111 - Food Safety and Sanitation

Overview

Description
This course provides a clear understanding of daily procedures required to ensure that food is handled safely, avoiding contaminants that cause serious food-borne illnesses. Students will prepare for the ServSafe Managers Examination, earning a certification with a score of 75% or higher. This course is the same as HOSP-111.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

CULA120 - Professional Kitchen 1

Overview

Description
This course is an introduction to the professional kitchen. Students will explore the history of the professional kitchen and its organization. An overview of food safety and sanitation, nutrition, menu and recipes, kitchen staples and equipment identification, and kitchen equipment use will be presented. Skills development will include knife skills, basic cooking methods and techniques, and calculation of recipe conversions, total recipe cost, and cost per portion.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-120L

Type
Corequisite

CULA-120L

Take CULA-120L;

CULA-180

Type
Corequisite

CULA-180

Take CULA-180;

CULA-111 or HOSP-111

Type
Corequisite

CULA-111 or HOSP-111

Take CULA-111 or HOSP-111;

CULA-123

Type
Corequisite

CULA-123

Take CULA-123;

CULA120L - Professional Kitchen Lab 1

Overview

Description
This course will apply the knowledge and skills taught in Professional Kitchen I theory while operating Emery's, the college restaurant. Emphasis is placed on practical experiences to enhance skills in food safety and sanitation; use of equipment; knife skills, basic cooking methods and techniques; and recipe conversions, recipe costs, and costs per portion.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-120

Type
Corequisite

CULA-120

Take CULA-120;

CULA121 - Professional Kitchen 2

Overview

Description
This course integrates the fundamental culinary and baking principles learned in Professional Kitchen 1 with an emphasis on more advanced concepts, including poultry, seafood, and meat cookery; advanced garde manger; advanced custards; fruit desserts and garnishes; basic cake and icings; and churned/still frozen desserts.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-111 or HOSP-111

Type
Prerequisite

CULA-111 or HOSP-111

Take CULA-111 or HOSP-111; Minimum grade C-;

CULA-120

Type
Prerequisite

CULA-120

Take CULA-120; Minimum grade C-;

CULA-123

Type
Prerequisite

CULA-123

Take CULA-123; Minimum grade C-;

CULA-180 or HOSP-180

Type
Prerequisite

CULA-180 or HOSP-180

Take CULA-180 or HOSP-180; Minimum grade C-;

CULA-121L

Type
Corequisite

CULA-121L

Take CULA-121L;

CULA-130

Type
Corequisite

CULA-130

Take CULA-130;

CULA-181

Type
Corequisite

CULA-181

Take CULA-181;

CULA-120L

Type
Prerequisite

CULA-120L

Take CULA-120L; Minimum grade C-;

CULA-180L or HOSP-180L

Type
Prerequisite

CULA-180L or HOSP-180L

Take CULA-180L or HOSP-180L; Minimum grade C-;

CULA121L - Professional Kitchen Lab 2

Overview

Description
This course will provide students practical application of the skills learned from theory courses through the exploration of more advanced menu offerings while operating Emery's Restaurant.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-121

Type
Corequisite

CULA-121

Take CULA-121;

CULA123 - Food Science

Overview

Description
This course covers the chemical and physical changes in foods that occur with cooking, handling, and processing. Topics include heat transfer and its effect on color/flavor/texture, emulsification, protein coagulation, leavening agents, viscosity, and gel formation. Upon completion, students should be prepared to demonstrate an understanding of these principles as they apply to food preparation in a lab setting.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-120

Type
Corequisite

CULA-120

Take CULA-120;

CULA-180

Type
Corequisite

CULA-180

Take CULA-180;

CULA-111 or HOSP-111

Type
Corequisite

CULA-111 or HOSP-111

Take CULA-111 or HOSP-111;

CULA130 - Menu Planning and Procurement

Overview

Description
This course is an introduction to the fundamentals of menu construction. Emphasis is placed on the importance of the menu in creating a successful business. Students will examine and analyze various menu models and learn how changes to the menu can drastically increase/decrease sales, create interest, satisfy individual tastes and nutritional needs, and be used as an important sales and marketing tool. Principles of purchasing and the effect on profitability of hospitality operations will be explored.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-121 or CULP-102

Type
Corequisite

CULA-121 or CULP-102

Take CULA-121 or CULP-102;

CULA-111 or HOSP-111

Type
Prerequisite

CULA-111 or HOSP-111

Take CULA-111 or HOSP-111; Minimum grade C-;

CULA-120 or CULP-101

Type
Prerequisite

CULA-120 or CULP-101

Take CULA-120 or CULP-101; Minimum grade C-;

CULA176 - Culinary Arts Internship

Overview

Description
This course provides supervised training in culinary arts through "on-the-job" experience in a restaurant or related facility. It provides a practical application of culinary skills as part of the learning process.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-120

Type
Prerequisite

CULA-120

Take CULA-120; Minimum grade C-;

CULA-165

Type
Prerequisite

CULA-165

Take CULA-165; Minimum grade C-;

CULA180 - Introduction to Customer Service

Overview

Description
This course will focus on the basics of customer service. Quality customer service will be at the center of all discussions. Covered topics are customer behavior, use of technology, diversity in customers, managing stress and time, ways to encourage customer loyalty, and how to communicate effectively with customers.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-111 or HOSP-111

Type
Corequisite

CULA-111 or HOSP-111

Take CULA-111 or HOSP-111; Minimum grade C-;

CULA-180L or CULP-103

Type
Corequisite

CULA-180L or CULP-103

Take CULA-180L or CULP-103;

CULA180L - Introduction to Customer Service Lab

Overview

Description
This course is an on-the-job training lab to be taken in conjunction with CULA-180. Principles taught in CULA-180 will be applied in this lab.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-180

Type
Corequisite

CULA-180

Take CULA-180;

CULA181 - Restaurant Customer Service Operations

Overview

Description
This course will explore advanced customer service relations, dining room procedures, and internal customer service. Students will learn and experience a variety of front-end positions including service supervisor. Special service situations will be addressed as well as standards for industry communications.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-181L

Type
Corequisite

CULA-181L

Take CULA-181L;

CULA-180

Type
Prerequisite

CULA-180

Take CULA-180; Minimum grade C-;

CULA-120

Type
Prerequisite

CULA-120

Take CULA-120; Minimum grade C-;

CULA-123

Type
Prerequisite

CULA-123

Take CULA-123; Minimum grade C-;

CULA-111 or HOSP-111

Type
Prerequisite

CULA-111 or HOSP-111

Take CULA-111 or HOSP-111; Minimum grade C-;

CULA-180L

Type
Prerequisite

CULA-180L

Take CULA-180L; Minimum grade C-;

CULA-120L

Type
Prerequisite

CULA-120L

Take CULA-120L; Minimum grade C-;

CULA181L - Restaurant Customer Service Operations Lab

Overview

Description
Principles taught in CULA-181 will be taught in this lab.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-181

Type
Corequisite

CULA-181

Take CULA-181;

CULA211 - Culinary Nutrition

Overview

Description
This course is an introduction to the basic elements of nutrition. Nutritional menu planning, development of healthy recipes, and marketing nutrition in the food service industry will be discussed. The characteristics, functions, and food sources of the major nutrients and the procedures used to maximize nutrient retention in food preparation and storage will be examined. Students will learn the principles of nutrient needs throughout the life cycle as they apply to menu planning and food production.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-222 or CULP-103

Type
Prerequisite

CULA-222 or CULP-103

Take CULA-222 or CULP-103; Minimum grade C-;

CULA-223 or CULP-201

Type
Corequisite

CULA-223 or CULP-201

Take CULA-223 or CULP-201;

CULA222 - Professional Kitchen 3

Overview

Description
This course will continue to build upon the fundamental techniques of culinary and baking/pastry skills, recipe/menu planning, culinary nutrition, and international and American regional cuisines.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-121

Type
Prerequisite

CULA-121

Take CULA-121; Minimum grade C-;

CULA-121L

Type
Prerequisite

CULA-121L

Take CULA-121L; Minimum grade C-;

CULA-181

Type
Prerequisite

CULA-181

Take CULA-181; Minimum grade C-;

CULA-181L

Type
Prerequisite

CULA-181L

Take CULA-181L; Minimum grade C-;

CULA-222L

Type
Corequisite

CULA-222L

Take CULA-222L;

CULA-266

Type
Corequisite

CULA-266

Take CULA-266;

CULA-267

Type
Corequisite

CULA-267

Take CULA-267;

CULA222L - Professional Kitchen Lab 3

Overview

Description
This course will continue to build upon the fundamental techniques of culinary and baking/pastry learned throughout the first two rotations with an emphasis on advanced savory and baking pastry skills, recipe/menu planning, culinary nutrition, international and American regional cuisines. Students are required to synthesize information given during demonstration, lecture, and daily production to form classic and unique dishes involved in "a la carte" menu items.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-222

Type
Corequisite

CULA-222

Take CULA-222;

CULA223 - Professional Kitchen 4

Overview

Description
This course focuses on professional development with an emphasis on marketing, accounting and cost controls, and supervision/ personnel management. Previous management strategies discussed will be compiled into a working philosophy that students can apply to managing/running a food service operation (preparing students for management roles within food service).

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-222

Type
Prerequisite

CULA-222

Take CULA-222; Minimum grade C-;

CULA-222L

Type
Prerequisite

CULA-222L

Take CULA-222L; Minimum grade C-;

CULA-223L

Type
Corequisite

CULA-223L

Take CULA-223L;

CULA-211

Type
Corequisite

CULA-211;

Take CULA-211;

CULA-265

Type
Corequisite

CULA-265

Take CULA-265;

CULA-268

Type
Corequisite

CULA-268

Take CULA-268;

CULA223L - Professional Kitchen Lab 4

Overview

Description
This course is the capstone or culmination of all theory and skills learned throughout the previous three semesters of study. Students will apply managerial strategies as well as advanced culinary and baking/pastry techniques into daily production at Emery's Restaurant, the student-operated restaurant. Students will also serve as mentors, guiding first-year students through rotation in both front and back of the house operations.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-223

Type
Corequisite

CULA-223

Take CULA-223;

CULA265 - Restaurant Supervision

Overview

Description
This course features comprehensive, applications-based coverage of all aspects of developing, opening, and running a restaurant. This includes topics such as staffing, legal and regulatory concerns, cost control and general financing, marketing and promotion, equipment and design, the menu, sanitation and concept.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-130

Type
Prerequisite

CULA-130

Take CULA-130; Minimum grade C-;

CULA-180

Type
Prerequisite

CULA-180

Take CULA-180; Minimum grade C-;

CULA-211

Type
Corequisite

CULA-211

Take CULA-211;

CULA-223 or CULP-203

Type
Corequisite

CULA-223 or CULP-203

Take CULA-223 or CULP-203;

CULA-268

Type
Corequisite

CULA-268

Take CULA-268;

CULA266 - Restaurant Entrepreneurship

Overview

Description
This course features comprehensive, applications-based coverage of all aspects of developing, opening, and running a food operation in the capacity of management and/or owner.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-121 or CULP-201

Type
Prerequisite

CULA-121 or CULP-201

Take CULA-121 or CULP-201; Minimum grade C-;

CULA-130

Type
Prerequisite

CULA-130

Take CULA-130; Minimum grade C-;

CULA-181 or CULP-201

Type
Prerequisite

CULA-181 or CULP-201

Take CULA-181 or CULP-201; Minimum grade C-;

CULA-222 or CULP-202

Type
Corequisite

CULA-222 or CULP-202

Take CULA-222 or CULP-202;

CULA-267

Type
Corequisite

CULA-267

Take CULA-267;

CULA267 - Purchasing/Cost Controls

Overview

Description

This course addresses the fundamentals of selection, procurement, storage, receiving, and cost controls used by food service establishments. Principles of purchasing and management cost controls will be examined for their effect on profitability of food service operations.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-121 or CULP-201

Type
Prerequisite

CULA-121 or CULP-201

Take CULA-121 or CULP-201; Minimum grade C-;

CULA-130

Type
Prerequisite

CULA-130

Take CULA-130; Minimum grade C-;

CULA-180

Type
Prerequisite

CULA-180

Take CULA-180; Minimum grade C-;

CULA-222 or CULP-202

Type
Corequisite

CULA-222 or CULP-202

Take CULA-222 or CULP-202;

CULA-266

Type
Corequisite

CULA-266

Take CULA-266;

CULA268 - Introduction to Wine, Beer and Spirits

Overview

Description
This course provides an introduction to wine, beer and spirits. Along with a history of each type of beverage, this course also covers how these beverages are produced and manufactured, beverage varieties and styles, and food pairings. Cost, pricing, merchandising, marketing, storing, and table service are also reviewed.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

CULA299 - Culinary Arts Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
12

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

CULP101 - Culinary Fundamentals Lab

Overview

Description
This course is an introduction to the fundamental theory and practices of the professional kitchen. Students will explore the history of the professional kitchen, its organization, evolution, and current trends affecting the foodservice industry. An overview of safety, sanitation, nutrition, menus and recipes, kitchen staples and equipment identification and use will be presented. Further topics of exploration and practice will include a comprehensive study of knife skills, building flavor, savory cooking methods, basic Garde Manger/ cold food pantry skills, egg cookery, vegetable, starch, stocks, soups and sauces. Essential kitchen culture, organization, and efficiency practices will be discussed.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-111 or HOSP-111

Type
Corequisite

CULA-111 or HOSP-111

Take CULA-111 or HOSP-111;

CULP102 - Baking and Pastry Fundamentals

Overview

Description

This course introduces the specialized equipment and fundamental science behind the baking process and how it applies to the preparation of a variety of products. Students will explore the key ingredients and their functions in the baking process, learn various mixing methods, and discover techniques involved in using natural and chemical leavening to create artisan breads, quick breads, laminated pastries, pies, tarts and cookies. Processes behind pate a choux, meringues and batters will also be discussed and practiced.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULP-101 and CULA-111

Type
Prerequisite

CULP-101 and CULA-111

Take CULP-101 CULA-111;

CULA-130

Type
Corequisite

CULA-130

Take CULA-130;

CULP103 - Proteins and Modern Techniques

Overview

Description

This course will take you on a culinary exploration of proteins, from poultry to fish, seafood, and various meats. In addition, you will gain insight into the art of fabrication and cooking methods for each protein category. Beyond traditional cooking, we will delve into the avant-garde world of contemporary cuisine, including sous vide, molecular gastronomy, vegan/vegetarian cuisine, gluten-free substitutions, fermentation, and more. This course will empower you to explore the diverse possibilities within the culinary world while building a strong foundation in classic protein preparation.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CULP-102 and CULA-130

Type
Prerequisite

CULP-102 and CULA-130

Take CULP-102 CULA-130;

CULA-180

Type
Corequisite

CULA-180

Take CULA-180;

CULP201 - Advanced Baking/Pastry/ Intl Cuisine I

Overview

Description

This course will cover advanced baking and pastry a frostings, dessert sauces, sugar, chocolate. Designing appetizers and buffet displays using hot and cold, savory and sweet hors d'oeuvres, carving stations, and other items involved in these types of presentations and food arrangements will be covered. In addition, students will discover and explore the unique and indigenous ingredients, historical influences, special cooking techniques, and flavors that define the cuisine and culinary heritage associated with several international countries.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULP103, CULA180

Type
Prerequisite

CULP-103 and CULA-180

Take CULP-103 CULA-180;

CULA211

Type
Corequisite

CULA-211

Take CULA-211;

CULP202 - Advanced Baking/Pastry/ Intl Cuisine II

Overview

Description

This course focuses on furthering knowledge in baking/pastry to include churned, still frozen, and composed dessert production. Students will continue their exploration of international cuisines and learn the intricacies involved in the craftsmanship of artisan charcuterie items like cured salamis, fresh and aged cheeses. Additionally, there will be a review of topics involved in building exceptional guest relations and the essentials of front of house service.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CULP201,CULA211,CULA267

Type
Prerequisite

CULP-201, CULA-211 and CULA-267

Take CULP-201 CULA-211 CULA-267;

CULA266,CULA267

Type
Corequisite

CULA-266 and CULA-267

Take CULA-266 CULA-267;

CULP203 - Culinary Apprenticeship Capstone Culinary Apprenticeship Capst

Overview

Description
This capstone course covers the unique culinary traditions, cultural influences, and ingredients that have shaped American regional cuisine into a melting pot of tastes and traditions will be investigated. Students will embark on a comprehensive overview of culinary and baking/pastry skills, as well as, menu planning, supervision, costing, implementing cost controls and marketing in preparation for the national written Sous Chef certification exam with the American Culinary Federation. Further development of leadership skills will also be emphasized.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

AllCourses

Type
Prerequisite

CULP-202, CULA-211, CULA-265, CULA-266, CULA-267, and CULA-268

Take CULP-202 CULA-211 CULA-265 CULA-266 CULA-267 CULA-268;

CULA265,CULA268

Type
Corequisite

CULA-265 and CULA-268

Take CULA-265 CULA-268;

DANC111 - Dance Forms and Styles

Overview

Description
This course will explore the many different forms of dance, from the Charleston to the waltz to jazz. It also covers different periods of history, styles, and rhythms. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

DANC112 - Social/Swing Dance

Overview

Description
This course will teach the East Coast Swing dance, a popular couple dance. Single, double, and triple rhythm will be covered, along with both 6-count and Lindy Hop 8-count step versions. Other related dances (West Coast Swing, Jive, Foxtrot) may be introduced depending on the students' interests and skill level. Students will get a moderate intensity workout that improves endurance, agility, coordination, balance, and posture. This course may be repeated for a total of four credits. A special activity fee may be required.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

DANC113 - Jazz Dance I

Overview

Description
This course is an introduction to the movements and styles of today's jazz dancer. It emphasizes exercises and combinations of steps and explores theatrical, lyrical, and "funk" styles set to popular music. This course is a fun alternative to sports and helps develop an appreciation for the art form, music, rhythm awareness, and coordination. It also provides physical conditioning through strength and flexibility. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

DANC114 - Jazz Dance II

Overview

Description
This course is a continuation of DANC-113, exploring movements and styles of today's jazz dancer. It emphasizes exercise, combination steps, and explores theatrical, lyrical, and "funk" styles to popular music. This course provides an alternative to sports and helps develop an appreciation for the art form, music, rhythm awareness, and coordination. It also provides physical conditioning through strength and flexibility. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

DANC-113

Type
Prerequisite

DANC-113

Take DANC-113;

DANC115 - Modern Dance: Beginning I

Overview

Description
This course is a discovery of dance movement through the physical and mental discipline techniques of Graham and Cunningham. It includes an insight into how dances are created through improvisation, and by analyzing these movements, students will explore choreography. This course provides a creative outlet and physical conditioning of strength and flexibility. It also develops coordination and an appreciation of the art form. This is an excellent course for theatre and performing arts students. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

DANC117 - Ballet: Beginning I

Overview

Description
This course focuses on basic technique, body alignment, and the development of step combinations. It includes related terminology and history of the art form. DANC-117 helps improve flexibility, muscle strength and control, and mental discipline over the body and promotes the aesthetic understanding and appreciation of classical ballet. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

DANC118 - Ballet: Beginning II

Overview

Description
This course is a continuation of DANC-117 for beginners and concentrates on technique, alignment, and progressions. The student is introduced to more complex steps through faster-paced instruction. The course increases flexibility, muscle strength and control, and mental discipline over the body and enhances an appreciation of the art form as technique improves. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

DANC-117

Type
Prerequisite

DANC-117

Take DANC-117; Minimum grade C-;

DANC120 - Latin Social Dance

Overview

Description
This course will teach popular and exciting Latin couple dances, with an emphasis on Salsa and Cha Cha. Students will learn steps, techniques, and Latin motion style particular to these social dances. Other Latin dances may be introduced (Rumba, Samba, and Merengue) depending on the student's interest and skill level. This course may be repeated for a total of four credits. A special activity fee may be required.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

DANC121 - Tap Dance: Beginning I

Overview

Description
This course is a basic class in standard tap dance technique. The course will focus on an introduction to the history of American tap dance. Students will be given exposure to fads and current styles which are popular in the tap technique syllabus. This includes classical tap, stomp, step dance and clogging, and rhythm tap. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

DENT105 - Dental Hygiene Pre-Clinic

Overview

Description
This course is an introduction to the dental hygiene process of care with emphasis on professionalism, basic instrumentation skills, and patient assessment processes.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
Odd Years

Requisites

Simple Requisites

BIOL-175 or BIOL-227

Type
Prerequisite

BIOL-175 or BIOL-227

Take BIOL-175 or BIOL-227; Minimum grade C+;

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 or ENGL-101P(9167); Minimum grade C+;

CHEM-102

Type
Prerequisite

CHEM-102

Take CHEM-102; Minimum grade C+;

GEM 3

Type
Prerequisite

GEM 3 Mathematical Ways of Knowing course

Take 1 courses; Minimum grade C+; From rule RG.GEM3;

PSYC-101

Type
Prerequisite

PSYC-101

Take PSYC-101; Minimum grade C+;

BACT-250

Type
Prerequisite

BACT-250

Take BACT-250; Minimum grade C+;

SOC-101

Type
Prerequisite

SOC-101

Take SOC-101; Minimum grade C+;

COMM-101

Type
Prerequisite

COMM-101

Take COMM-101; Minimum grade C+;

DENT-110

Type
Corequisite

DENT-110

Take DENT-110;

DENT-115

Type
Corequisite

DENT-115

Take DENT-115;

DENT-120

Type
Corequisite

DENT-120

Take DENT-120;

DENT110 - Head, Neck, Oral, and Dental Anatomy

Overview

Description
This course presents the anatomy of the human facial structures and comprehensive study of the anatomy of the head and neck as well as the surrounding hard and soft tissues. The dental hygiene student will develop a firm foundation in the anatomy of the head, neck, and oral structures. Topics presented include the formation of the face, development and growth of the jaws, and the origin and stages of tooth and root formation and development. This course presents an in-depth coverage of the anatomy of the teeth and surrounding soft tissues.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
Odd Years

Requisites

Simple Requisites

DENT-120

Type
Corequisite

DENT-120

Take DENT-120;

DENT-115

Type
Corequisite

DENT-115

Take DENT-115;

Dent-105

Type
Corequisite

DENT-105

Take DENT-105;

DENT115 - Oral Health Education

Overview

Description
This course instructs dental hygiene students in the methods used to prevent oral disease, modify behaviors, and educate patients. Students will apply preventative oral health concepts and develop individualized oral health care plans in clinical dental hygiene and community health environments.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
Odd Years

Requisites

Simple Requisites

Dent-105

Type
Corequisite

DENT-105

Take DENT-105;

DENT-110

Type
Corequisite

DENT-110

Take DENT-110;

DENT-120

Type
Corequisite

DENT-120

Take DENT-120;

DENT120 - Oral Radiography

Overview

Description
This course will cover historical background, terminology, concepts and principles of x-radiation, x-ray generation, radiologic health and safety measures, normal radiographic dental anatomy, and radiographic legalities. Film technique including critiquing, exposing, processing, and mounting will also be explored. Laboratory work provides skills in dental radiographic exposure on mannequins as well as processing techniques. Through combined lecture and laboratory sessions, students will gain experience in digital radiography, intraoral photography and extraoral radiography.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
Odd Years

Requisites

Simple Requisites

DENT-110

Type
Corequisite

DENT-110

Take DENT-110;

Dent-105

Type
Corequisite

DENT-105

Take DENT-105;

DENT-115

Type
Corequisite

DENT-115

Take DENT-115;

DENT125 - Embryology, Histology, and Morphology

Overview

Description
This course will enable the dental hygiene student to develop a basic understanding of the microscopic structure of the primary and dental tissue groups of the human body. Gained knowledge enables the student to relate embryonic development to the normal and abnormal structures of the head and oral cavity, preparing the student to differentiate between normal and abnormal clinical manifestations in subsequent courses.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

DENT-105

Type
Prerequisite

DENT-105

Take DENT-105; Minimum grade B;

DENT-110

Type
Prerequisite

DENT-110

Take DENT-110; Minimum grade B;

DENT-115

Type
Prerequisite

DENT-115

Take DENT-115; Minimum grade B;

DENT-120

Type
Prerequisite

DENT-120

Take DENT-120; Minimum grade B;

DENT-130

Type
Corequisite

DENT-130

Take DENT-130;

DENT-150

Type
Corequisite

DENT-150

Take DENT-150;

DENT-151

Type
Corequisite

DENT-151

Take DENT-151;

DENT130 - Periodontology I

Overview

Description
This course provides a detailed study of the various periodontal diseases, with emphasis on histological and clinical recognition as well as treatment of the diseases.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

DENT-105

Type
Prerequisite

DENT-105

Take DENT-105; Minimum grade B;

DENT-110

Type
Prerequisite

DENT-110

Take DENT-110; Minimum grade B;

DENT-120

Type
Prerequisite

DENT-120

Take DENT-120; Minimum grade B;

DENT-115

Type
Prerequisite

DENT-115

Take DENT-115; Minimum grade B;

DENT-125

Type
Corequisite

DENT-125

Take DENT-125;

DENT-150

Type
Corequisite

DENT-150

Take DENT-150;

DENT-151

Type
Corequisite

DENT-151

Take DENT-151;

DENT150 - Dental Hygiene Clinic I

Overview

Description

In this course, the dental hygiene student acquires basic clinic competencies in patient assessments, radiographic techniques, patient education techniques, and delivery of preventative and therapeutic services. Additional topics include evaluation of the effectiveness of therapy and attainment of patients' goals.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

DENT-105

Type
Prerequisite

DENT-105

Take DENT-105; Minimum grade B;

DENT-110

Type
Prerequisite

DENT-110

Take DENT-110; Minimum grade B;

DENT-115

Type
Prerequisite

DENT-115

Take DENT-115; Minimum grade B;

DENT-120

Type
Prerequisite

DENT-120

Take DENT-120; Minimum grade B;

DENT-125

Type
Corequisite

DENT-125

Take DENT-125;

DENT-130

Type
Corequisite

DENT-130

Take DENT-130;

DENT-151

Type
Corequisite

DENT-151

Take DENT-151;

DENT151 - Dental Hygiene Theory I

Overview

Description

This course builds foundations for the dental hygiene pre-clinic/labs through focus on the elements of the complete process of care. Topics include risk assessments; patients with medical, physical and psychological conditions; and emphasizing treatment modifications for medically and physically compromised patients. A firm foundation in infection control procedures, client assessment, fluoride therapies, and disease prevention is highlighted. Students examine management of medical emergencies, OSHA regulations, the blood-born pathogen standard, the hazard communication standard, and CDC guidelines. Instrumentation principles, sharpening, ergonomic standards, the preparation for the delivery of educational and therapeutic patient services, preventive counseling, and ultrasonic instrumentation also are addressed.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

DENT-105

Type
Prerequisite

DENT-105

Take DENT-105; Minimum grade B;

DENT-110

Type
Prerequisite

DENT-110

Take DENT-110; Minimum grade B;

DENT-115

Type
Prerequisite

DENT-115

Take DENT-115; Minimum grade B;

DENT-120

Type
Prerequisite

DENT-120

Take DENT-120; Minimum grade B;

DENT-125

Type
Corequisite

DENT-125

Take DENT-125;

DENT-130

Type
Corequisite

DENT-130

Take DENT-130;

DENT-150

Type
Corequisite

DENT-150

Take DENT-150;

DENT200 - Dental Hygiene Clinic II

Overview

Description

This course continues to provide an application of the dental hygiene process of care with emphasis on comprehensive care planning, case presentation, clinical decision making, advanced instrumentation, and improved time utilization.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

DENT-125

Type
Prerequisite

DENT-125

Take DENT-125; Minimum grade B;

DENT-130

Type
Prerequisite

DENT-130

Take DENT-130; Minimum grade B;

DENT-150

Type
Prerequisite

DENT-150

Take DENT-150; Minimum grade B;

DENT-151

Type
Prerequisite

DENT-151

Take DENT-151; Minimum grade B;

DENT-201

Type
Corequisite

DENT-201

Take DENT-201;

DENT-215

Type
Corequisite

DENT-215

Take DENT-215;

DENT-230

Type
Corequisite

DENT-230

Take DENT-230;

DENT-235

Type
Corequisite

DENT-235

Take DENT-235;

DENT201 - Dental Hygiene Theory II

Overview

Description

This course builds foundations for the dental hygiene pre-clinic/labs through focus on the elements of the complete process of care. Topics include risk assessments; patients with medical, physical and psychological conditions; and emphasizing treatment modifications for medically and physically compromised patients. A firm foundation in infection control procedures, client assessment, fluoride therapies, and disease prevention is highlighted. Students examine management of medical emergencies, OHSA regulations, the blood-born pathogen standard, the hazard communication standard, and CDC guidelines. Instrumentation principles, sharpening, ergonomic standards, the preparation for the delivery of educational and therapeutic patient services, preventative counseling, and ultrasonic instrumentation are also addressed.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

DENT-125

Type
Prerequisite

DENT-125

Take DENT-125; Minimum grade B;

DENT-130

Type
Prerequisite

DENT-130

Take DENT-130; Minimum grade B;

DENT-150

Type
Prerequisite

DENT-150

Take DENT-150; Minimum grade B;

DENT-151

Type
Prerequisite

DENT-151

Take DENT-151; Minimum grade B;

DENT-200

Type
Corequisite

DENT-200

Take DENT-200;

DENT-215

Type
Corequisite

DENT-215

Take DENT-215;

DENT-230

Type
Corequisite

DENT-230

Take DENT-230;

DENT-235

Type
Corequisite

DENT-235

Take DENT-235;

DENT215 - Oral Pathology/ Immunology

Overview

Description

This course presents processes of inflammation, wound healing, repair, regeneration, and immunological responses. Topics include oral manifestations of systemic diseases and developmental anomalies of the oral cavity. In addition, commonly encountered diseases and disorders of the head and neck will be covered. Emphasis will be placed on recognizing the differences between pathological and normal tissues, and the study of all aspects of the immune system.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

DENT-125

Type
Prerequisite

DENT-125

Take DENT-125; Minimum grade B;

DENT-130

Type
Prerequisite

DENT-130

Take DENT-130; Minimum grade B;

DENT-150

Type
Prerequisite

DENT-150

Take DENT-150; Minimum grade B;

DENT-151

Type
Prerequisite

DENT-151

Take DENT-151; Minimum grade B;

DENT-200

Type
Corequisite

DENT-200

Take DENT-200;

DENT-201

Type
Corequisite

DENT-201

Take DENT-201;

DENT-230

Type
Corequisite

DENT-230

Take DENT-230;

DENT-235

Type
Corequisite

DENT-235

Take DENT-235;

DENT230 - Periodontology II

Overview

Description

This course provides continued study of the recognition and treatment of periodontal diseases with an emphasis on surgical components and advanced periodontal treatments related to dental hygiene practice.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

DENT-125

Type
Prerequisite

DENT-125

Take DENT-125; Minimum grade B;

DENT-130

Type
Prerequisite

DENT-130

Take DENT-130; Minimum grade B;

DENT-150

Type
Prerequisite

DENT-150

Take DENT-150; Minimum grade B;

DENT-151

Type
Prerequisite

DENT-151

Take DENT-151; Minimum grade B;

DENT-200

Type
Corequisite

DENT-200

Take DENT-200;

DENT-201

Type
Corequisite

DENT-201

Take DENT-201;

DENT-215

Type
Corequisite

DENT-215

Take DENT-215;

DENT-235

Type
Corequisite

DENT-235

Take DENT-235;

DENT235 - Pain Management

Overview

Description

This course covers current science, theories, and implementation of local anesthesia and nitrous oxide/oxygen conscious sedation. A review of anatomy, physiology, pharmacology, and emergency procedures associated with local anesthesia and nitrous oxide conscious sedation will be addressed. Students will learn foundational skill development in the administration of infiltration and block anesthesia in dental hygiene procedures and will gain laboratory and clinical experience in administration of local anesthesia and nitrous oxide.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

DENT-125

Type
Prerequisite

DENT-125

Take DENT-125; Minimum grade B;

DENT-130

Type
Prerequisite

DENT-130

Take DENT-130; Minimum grade B;

DENT-150

Type
Prerequisite

DENT-150

Take DENT-150; Minimum grade B;

DENT-151

Type
Prerequisite

DENT-151

Take DENT-151; Minimum grade B;

DENT-200

Type
Corequisite

DENT-200

Take DENT-200;

DENT-201

Type
Corequisite

DENT-201

Take DENT-201;

DENT-215

Type
Corequisite

DENT-215

Take DENT-215;

DENT-230

Type
Corequisite

DENT-230

Take DENT-230;

DENT240 - Community Dental Health

Overview

Description

This course introduces the history and principles of community dental health and healthcare delivery systems. Topics include the prevention of oral disease, development of public policy and implementation of community efforts to enlighten the public. Issues surrounding access to care, managed care, private practice, independent practice, as well as trends in dental insurance reimbursement are presented. In addition, students will gain insight into research design, statistical methods and evaluation by participating in a research project. Selected current topics in international healthcare are presented.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

DENT-200

Type
Prerequisite

DENT-200

Take DENT-200; Minimum grade B;

DENT-201

Type
Prerequisite

DENT-201

Take DENT-201; Minimum grade B;

DENT-215

Type
Prerequisite

DENT-215

Take DENT-215; Minimum grade B;

DENT-230

Type
Prerequisite

DENT-230

Take DENT-230; Minimum grade B;

DENT-235

Type
Prerequisite

DENT-235

Take DENT-235; Minimum grade B;

DENT-245

Type
Corequisite

DENT-245

Take DENT-245;

DENT-250

Type
Corequisite

DENT-250

Take DENT-250;

DENT-260

Type
Corequisite

DENT-260

Take DENT-260;

DENT-270

Type
Corequisite

DENT-270

Take DENT-270;

DENT245 - Advanced Instrumentation

Overview

Description

This course is a continuation of learning experiences in advanced periodontal instrumentation and root instrumentation. The student will study the advanced techniques and technology used to treat moderate to advanced periodontal disease.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

DENT-200

Type
Prerequisite

DENT-200

Take DENT-200; Minimum grade B;

DENT-201

Type
Prerequisite

DENT-201

Take DENT-201; Minimum grade B;

DENT-215

Type
Prerequisite

DENT-215

Take DENT-215; Minimum grade B;

DENT-230

Type
Prerequisite

DENT-230

Take DENT-230; Minimum grade B;

DENT-235

Type
Prerequisite

DENT-235

Take DENT-235; Minimum grade B;

DENT-240

Type
Corequisite

DENT-240

Take DENT-240;

DENT-250

Type
Corequisite

DENT-250

Take DENT-250;

DENT-260

Type
Corequisite

DENT-260

Take DENT-260;

DENT-270

Type
Corequisite

DENT-270

Take DENT-270;

DENT250 - Dental Hygiene Clinic III

Overview

Description

This course provides application of the dental hygiene process of care with emphasis on diverse populations. Students prepare for clinical practice using self-assessment, evaluation, time management awareness, and critical thinking skills.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

DENT-200

Type
Prerequisite

DENT-200

Take DENT-200; Minimum grade B;

DENT-201

Type
Prerequisite

DENT-201

Take DENT-201; Minimum grade B;

DENT-215

Type
Prerequisite

DENT-215

Take DENT-215; Minimum grade B;

DENT-230

Type
Prerequisite

DENT-230

Take DENT-230; Minimum grade B;

DENT-235

Type
Prerequisite

DENT-235

Take DENT-235; Minimum grade B;

DENT-240

Type
Corequisite

DENT-240

Take DENT-240;

DENT-245

Type
Corequisite

DENT-245

Take DENT-245;

DENT-260

Type
Corequisite

DENT-260

Take DENT-260;

DENT-270

Type
Corequisite

DENT-270

Take DENT-270;

DENT260 - Dental Materials

Overview

Description

This is the integrated lecture/laboratory course that introduces students to the dental laboratory environment. Students will learn to assist the dentist in restorative, fixed and removable prostheses. Included will be an introduction to restorative techniques with emphasis on posterior tooth anatomy, placement of amalgam restorations, rubber dam isolation, and matrix and wedge placement. Also included will be the etiology of the decay process, cavity classification, cavity preparation, properties of amalgam, and maintenance of proper occlusal relationships with restorative treatment.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

DENT-200

Type
Prerequisite

DENT-200

Take DENT-200; Minimum grade B;

DENT-201

Type
Prerequisite

DENT-201

Take DENT-201; Minimum grade B;

DENT-215

Type
Prerequisite

DENT-215

Take DENT-215; Minimum grade B;

DENT-230

Type
Prerequisite

DENT-230

Take DENT-230; Minimum grade B;

DENT-235

Type
Prerequisite

DENT-235

Take DENT-235; Minimum grade B;

DENT-240

Type
Corequisite

DENT-240

Take DENT-240;

DENT-245;

Type
Corequisite

DENT-245

Take DENT-245;

DENT-250

Type
Corequisite

DENT-250

Take DENT-250;

DENT-270

Type
Corequisite

DENT-270

Take DENT-270;

DENT270 - Dental Hygiene Review/ Ethics and Law

Overview

Description

This course will begin with a review of healthcare principles used in dental hygiene to help identify, clarify, and support choices when faced with an ethical problem or dilemma. This course will also provide students with marketable job search techniques and skills. Students will review the dental hygiene content and take a simulation of the written Dental Hygiene National Board Examination.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

DENT-200

Type
Prerequisite

DENT-200

Take DENT-200; Minimum grade B;

DENT-201

Type
Prerequisite

DENT-201

Take DENT-201; Minimum grade B;

DENT-215

Type
Prerequisite

DENT-215

Take DENT-215; Minimum grade B;

DENT-230

Type
Prerequisite

DENT-230

Take DENT-230; Minimum grade B;

DENT-235

Type
Prerequisite

DENT-235

Take DENT-235; Minimum grade B;

DENT-240

Type
Corequisite

DENT-240

Take DENT-240;

DENT-245

Type
Corequisite

DENT-245

Take DENT-245;

DENT-250

Type
Corequisite

DENT-250

Take DENT-250;

DENT-260

Type
Corequisite

DENT-260

Take DENT-260;

DSLT104 - Safety and Introduction to Shop Practices

Overview

Description
This course will cover the theory and application of shop safety, tool and equipment usage, precision measuring, basic welding, and oxyacetylene skills.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

DSLT117L - Diesel Lab

Overview

Description
This course provides students with hands-on exposure in a shop setting on the subjects covered in the DSLT-137 theory class. Instruction utilizes a variety of mock-ups, training aids, components, and limited live customer work. Primary emphasis will be placed on suspension system and steering diagnostics and repair.

Credit Hours:
2

Offering Cycle
Summer Only

Yearly Cycle
All Years

DSLT123L - Diesel Engines/Electrical Systems Lab

Overview

Description
This course will give students hands-on exposure in a shop setting to those subjects covered in the DSLT-123 theory class. This instruction will utilize a variety of mock-ups, training aids, components, and limited live customer work.

Credit Hours:
6

Offering Cycle
Fall Only

Yearly Cycle
All Years

DSLT124 - Powertrain/Brake Systems

Overview

Description
This course will teach students the operation, construction, service, and repair of heavy-duty clutch systems, manual transmissions, drivelines, universal joints, single and two-speed differentials, as well as axles and bearings. This course will also teach students the operation, construction, service, and repair of heavy truck and equipment air systems, foundation air brake systems, foundation hydraulic brake systems, as well as wheels and seals.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

DSLT-124L

Type
Corequisite

DSLT-124L

Take DSLT-124L;

DSLT124L - Powertrain/Brake Systems Lab

Overview

Description
This course will give students hands-on exposure in a shop setting to those subjects covered in the DSLT-124 theory class. This instruction will utilize a variety of mock-ups, training aids, components, and limited live customer work.

Credit Hours:
6

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

DSLT-124

Type
Corequisite

DSLT-124

Take DSLT-124;

DSLT125 - Diesel Engines

Overview

Description
This course will include instruction on the basics of how to identify, repair, rebuild, and/or replace diesel engines. Students will learn two-stroke and four-stroke combustion engine theory as well as engine performance criteria. Instruction will include the operation and basic principles of various diesel engine components and their respective systems.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

DSLT126 - Electrical Systems

Overview

Description
This course will cover troubleshooting and repair procedures for heavy-duty electrical systems, including electrical principles as they relate to the components used in trucks and heavy equipment, writing schematics, and lighting along with the associated testing and repair procedures for each system. Topics include basic electricity fundamentals, starting, and charging systems, batteries, troubleshooting, and lighting systems.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

DSLT133 - Introduction to Electrical

Overview

Description
This course will cover fundamental electrical theory concepts and basic electrical system formulas.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

DSLT137 - Suspension/Steering and A/C

Overview

Description
This course teaches students the operation, components, and repair of various truck and heavy equipment suspension systems. Instruction will include spring, pad, and air components, adjustments, and alignment procedure for truck steering systems. Instruction also covers the theory, operation, components, and repair of mobile air conditioning systems.

Credit Hours:
2

Offering Cycle
Summer Only

Yearly Cycle
All Years

Requisites

Simple Requisites

DSLT-117L

Type
Corequisite

DSLT-117L

Take DSLT-117L;

DSLT203 - Basic Hydraulic Systems

Overview

Description
This course covers basic hydraulic system principles and concepts, plus hydraulic components. Exposure to simple hydraulic formulas will also be covered.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

DSLT223 - Advanced Tune-Up/ Computerized Engines

Overview

Description

This course will teach students how to troubleshoot, adjust, repair, or replace components associated with tune-up procedures for diesel engines. Exhaust emissions and other environmental issues pertaining to diesel engines will also be discussed. Students will also learn the operation, construction, and repair techniques associated with diesel fuel systems and induction systems. The course will provide students with the opportunity to become aware of the principles of theory for control devices, governors, and other controls related to diesel engines. This course will also teach students how to test, troubleshoot, adjust, repair, or replace components associated with computerized engines. Students will also learn the operation, construction, and theory of computerized engine controls.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

DSLT-223L

Type
Corequisite

DSLT-223L

Take DSLT-223L;

DSLT-133

Type
Prerequisite

DSLT-133

Take DSLT-133;

DSLT223L - Advanced Tune-Up/ Computerized Engines Lab

Overview

Description

This course will give students hands-on exposure in a shop setting to those subjects covered in DSLT-223 theory class. This instruction will utilize a variety of mock-ups, training aids, components, and limited live customer work.

Credit Hours:
6

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

DSLT-223

Type
Corequisite

DSLT-223

Take DSLT-223;

DSLT-123L

Type
Prerequisite

DSLT-123L

Take DSLT-123L;

DSLT-133

Type
Prerequisite

DSLT-133

Take DSLT-133;

DSLT224 - Undercarriage/Powershift Transmissions And Hydraulics

Overview

Description
This course teaches students the operation, construction, and repair of heavy equipment undercarriages and heavy-duty power-shift transmissions. Instruction covers construction and repair of various power-train components used in the heavy equipment industry. Students will also gain an understanding of the operation, construction, and theory of torque converters and final drives. This course will also teach students the theory of operation, construction, adjustment, maintenance, and repair of heavy equipment hydraulic systems. Students will also learn how to design hydraulic systems and implement changes to existing hydraulic systems.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

DSLT-224L

Type
Corequisite

DSLT-224L

Take DSLT-224L;

DSLT224L - Undercarriage/Powershift Transmissions And Hydraulics Lab

Overview

Description
This course gives students hands-on experience in a shop setting. It is designed to provide opportunities for application of subjects covered in the DSLT-224 theory class. Instruction will utilize a variety of mock-ups, training aid, components, and limited live customer work.

Credit Hours:
6

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

DSLT-224

Type
Corequisite

DSLT-224

Take DSLT-224;

ECON201 - Principles of Macroeconomics

Overview

Description
This course is an introductory study of our national economy. This includes the tools of supply and demand, the measurement of inflation and employment, and discussion of the definition, role, and importance of national income and money and the banking system. The course also analyzes the role of government and the effects of international trade on the U.S. economy. Economic vocabulary and analysis of economic situations are emphasized.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

ECON202 - Principles of Microeconomics

Overview

Description
This course is an introductory study of the economic behavior of individual consumers and suppliers. It examines consumer response to price and income changes and levels of satisfaction, supplier response to costs, and business response to degree of competition. Economic vocabulary and analysis of economic situations are emphasized.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ECON-201

Type
Prerequisite

ECON-201

Take ECON-201;

EDUC120 - Foundations of Education

Overview

Description
This course introduces various historical, social, and philosophical perspectives of education. Students will research and examine the teaching field, current trends, and cultural issues exploring where education has been and what shapes it today. Students will reflect on their own education experiences while developing tools to be successful learners.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

EDUC201 - Introduction to Teaching

Overview

Description
This course provides an introduction to the world of teaching by focusing on teachers, learners, curriculum, and the social context in which teaching occurs. Insight and understanding will be facilitated through reflection and analysis of the students observations and participation in 30 hours of field experience in public schools. This course is required for some education transfer degrees. Its goals are to assist students in making an educated decision about teaching as a career choice, develop communication and interpersonal skills, encourage creativity and critical thinking, and provide opportunities to examine personal values and beliefs about teaching. Recommended: College-level reading, oral and written English language, and computer skills.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 completed credits (100-level or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

EDUC-120

Type
Prerequisite

EDUC-120

Take EDUC-120; Minimum grade C-;

EDUC202 - Educational Technology

Overview

Description
This course is designed to give students hands-on experience integrating technology into the classroom curriculum. Students will engage in a wide range of activities and projects resulting in an increased awareness of the role technology plays in student learning and the development of practical skills that will help guide instructional practices.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

EDUC-201

Type
Prerequisite

EDUC-201

Take EDUC-201; Minimum grade C-;

EDUC297A - Design Thinking At Gizmo

Overview

Description
This course equips educators with tools and strategies to organize and assess student-driven projects that are aligned to educational standards.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

EDUC299 - Education Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

ELAP101 - Electrical Apprenticeship - 1st Year

Overview

Credit Hours:
1

Maximum Credit Hours:
16

ELAP102 - Electrical Apprenticeship 2nd Year

Overview

Credit Hours:
1

Maximum Credit Hours:
16

ELAP103 - Electrical Apprenticeship 3rd Year

Overview

Credit Hours:
1

Maximum Credit Hours:
16

ELAP104 - Electrical Apprenticeship 4th Year

Overview

Credit Hours:
1

Maximum Credit Hours:
16

ENGL101 - Writing and Rhetoric I

Overview

Description
This course prepares students for the demands of writing for a range of audiences, purposes, and contexts. Students will learn processes and strategies for writing and revising clear, precise, and accurate prose and will demonstrate their abilities in a series of academic essays, mainly expository. Students will also learn to read, analyze, synthesize, and respond to a wide range of written works.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

English Writing Placement

Type
Prerequisite

An appropriate score on a placement test.

Take 1 group; # Take ENGL-TWC4 ENGL-W094 ENGL-E006 ENGP-101 ENGL-101 or ENGL-102; # Take ECTE-100 ENGL-099 ENGL-099A ENGL-099B or ESL-101; Minimum grade C-;

ENGL102 - Writing and Rhetoric II

Overview

Description
This course provides instruction in the research and writing skills and processes. Students will learn methods for gathering, evaluating, synthesizing, and documenting a range of sources in support of expository and argumentative essays. Emphasis is on critical thinking and writing clear, concise, and effective prose. The course is required for all transfer degree programs.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101, ENGL-101P or an appropriate score on a placement test.

Take 1 group; # Take ENGL-101 or ENGL-101P(8607); Minimum grade C-,P; # Take ENGL-W099 or ENGL-102;

ENGL101P - Writing and Rhetoric I

Overview

Description
This course is equivalent to ENGL-101 with the component of an additional hour of writing support. This course prepares students for the demands of writing for a range of audiences, purposes, and contexts. Students will learn processes and strategies for writing and revising clear, precise, and accurate prose and will demonstrate their abilities in a series of academic essays, mainly expository. Students will also learn to read, analyze, synthesize, and respond to a wide range of written works.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ENGL102P - Writing and Rhetoric II

Overview

Description
This course is equivalent to ENGL-102 with the component of an additional hour for writing support. This course provides instruction in the research and writing skills processes. Students will learn methods for gathering, evaluating, synthesizing, and documenting a range of sources in support of expository and argumentative essays. Emphasis is on critical thinking and writing clear, concise, and effective prose.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101, ENGL-101P, or ENGL-102

Type
Prerequisite

ENGL-101, ENGL-101P or ENGL-102 with grade of D+, D, D- or F

Take 1 group; # Take ENGL-101 or ENGL-101P(9167); Minimum grade C-; # Take ENGL-102; Minimum grade F;

ENGL175 - Literature and Ideas

Overview

Description
This course introduces terminology and techniques necessary for analysis and explication of literary works from multiple genres. It is intended to provide students with basic experience in literary interpretation.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take 1 group; # Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-; # Take ENGL-175; # Take ORENGL-175 or ENGL-W099;

ENGL185 - Introduction to Creative Writing

Overview

Description
This course introduces students to the practice of creative writing in at least three genres (poetry and fiction, plus literary nonfiction and/or playwriting. It emphasizes the craft and technique of the genres through close reading of selected texts, and students compose their own creative works. The course may include a workshop component in which the students read and respond to the creative works of their peers.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Pre/Corequisites

Type
Corequisite

ENGL-101

Take ENGL-101;

ENGL195 - Introduction to English Studies

Overview

Description
This course introduces the disciplines that make up English studies: creative writing, English education, linguistics, literature, rhetoric and composition, technical communication, film studies, new media, and critical theory. Topics include the principles, theoretical underpinnings, methods, and practical applications of English studies.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

ENGL202 - Technical Writing

Overview

Description
This course offers instruction in the writing skills applicable to business and industry. This class emphasizes factual information in the form of writing instructions and describing mechanisms and processes. It includes the fundamentals of composing memos, letters, and reports. Technical Writing is designed for those interested in practical applications of technical writing principles. This class is required for some occupational programs and is a useful general elective for all programs in science and technology.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

26 Credits

Type
Prerequisite

26 credits (100 level or higher)

Take 26 credits; Minimum grade C-; From Levels 100 200 300;

ENGL205 - Interdisciplinary Writing

Overview

Description
Explore the power of writing across disciplines in this dynamic, project-based course. This course challenges students to think critically and communicate effectively in diverse academic and professional contexts, from the natural and social sciences to the arts and humanities. Students will learn how to tailor voice, style, and structure in their writing to fit a variety of audiences and purposes, developing versatile writing skills that matter beyond the classroom. Collaborate, research, revise, and create: this course will help students learn writing skills that work in the real world.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisites

Type
Prerequisite

ENGL-101

Take ENGL-101; Minimum grade C-;

ENGL206 - Writing With Artificial Intelligence

Overview

Description
This course examines how generative AI is reshaping writing, research, and creativity. Students will analyze AI-generated content, evaluate its impact on authorship and originality, and produce original work using AI tools. Through critical inquiry and creative experimentation, students will develop nuanced arguments and synthesize unique perspectives to construct thoughtful, well-supported responses to complex questions about artificial intelligence, human creativity, and identity. Students will also explore the history of writing technologies, from the printing press to the word processor, and their effect on writing, research, and creativity.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisites

Type
Prerequisite

ENGL-101

Take ENGL-101;

ENGL209 - Trestle Creek Review

Overview

Description
This course introduces students to small-press publishing. Students solicit and read manuscripts from NIC and the community and collaboratively determine the contents of Trestle Creek Review, an annual literary magazine. Through the publication of the magazine, students become conversant with contemporary literature written by budding and established writers and gain skills in literary design, editing, and criticism. Additionally, students learn about the North American literary industry, and they gain practical tools to advance their own writing and editing careers through involvement on the masthead of Trestle Creek Review as members of the editorial staff. This course may be taken twice for credit.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

ENGL210 - Literary Analysis

Overview

Description
This course introduces the basic methods and theories of literary analysis, research, and writing. The course provides the critical vocabulary, skills, and methodologies with which to understand not only what a literary (or visual) text means, but also how it means. The course emphasizes the development of the skills necessary for analytical writing about literature and the importance of composing clear, compelling, and valid arguments in the interpretation of a text.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

ENGL216 - Mythology

Overview

Description
This course surveys Greek mythology along with themes common to a range of mythologies, particularly those involving the hero quest. This course includes the study of a variety of stories, poems, plays, and films from ancient times to the present. Mythology creates an awareness and appreciation of mythological stories and themes at the foundation of traditions and cultures, expressed through philosophy, literature, and the arts.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101P(8607) ENGL-102 ENGL-W099 or ORENGL-216; Minimum grade C-;

ENGL257 - Literature of Western Civilization

Overview

Description

This course examines significant literary works of Western Civilization from about 800 B.C. through Shakespeare. This course focuses on the values, traditions, themes, and ideas that have shaped Western culture and have influenced other disciplines such as art, psychology, and philosophy. This course helps link the basic concepts of early literature to the contemporary world.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101P(8607) ENGL-W099 or ENGL-102; Minimum grade C-;

ENGL258 - Literature of Western Civilization

Overview

Description

This course is the study of Western (European and North American) classics from the mid 1600s to the present. This course includes internationally acclaimed writers who are representative of the major literary movements (Enlightenment, Romantic, Realist, and Modernist traditions) and who are significant in shaping Western Civilization. ENGL-258 serves as a foundation to the humanities through an exploration of writers and works that comprise the core of our literary and philosophical tradition.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101P(8607) ENGL-W099 or ENGL-102; Minimum grade C-;

ENGL267 - Survey of English Literature

Overview

Description
This course is a study of historical documents, poetry, fiction, drama, and essays illustrating the development of English literature from the Anglo Saxon period through the Eighteenth Century. This course enhances cultural literacy and awareness of pertinent issues in the humanities.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101P(8607) ENGL-W099 or ENGL-102; Minimum grade C-;

ENGL268 - Survey of English Literature

Overview

Description
This course is a study of historical documents, poetry, fiction, drama, and essays illustrating the development of English literature from the Romantic period to the present. This course enhances cultural literacy and awareness of pertinent issues in the humanities.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101P(8607) ENGL-W099 or ENGL-102; Minimum grade C-;

ENGL271 - Introduction to Shakespeare

Overview

Description
This course surveys major works of Shakespeare. Students will apply critical approaches to analysis of representative works among Shakespeare's poetry, tragedies, comedies, romances, and histories.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101P(8607) ENGL-W099 or ENGL-102; Minimum grade C-;

ENGL272 - Business Writing

Overview

Description
This course offers discussion, practice, and instruction in the practical application of business writing principles. It includes business writing strategies for electronic messages and digital media, memos, letters, reports, and employment documents, and emphasizes audience analysis, content planning, language effectiveness, and message layout. ENGL-272 helps develop writing skills necessary for effective business correspondence and communication.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ECTE-100, ENGL-101, ENGL-101P or an appropriate score on a placement test.

Take 1 group; # Take ECTE-100 ENGL-101 or ENGL-101P(8607); Minimum grade C-,P; # Take ENGL-W099 or ENGL-102;

ENGL277 - Great American Writers I: Contact to Civil War

Overview

Description
This course helps students trace the origins of some of American Literature's most well-known genres, including creation myths, captivity narratives, slave narratives, Gothic fiction, Romantic poetry, nature writing, and protest writing. Focusing on the development of American literature from the Colonial Period (1620) to the end of the Civil War (1865), the class illuminates the cultural and historical context of some of America's most revolutionary and lasting forms of literary expression.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101P(8607) ENGL-W099 or ENGL-102; Minimum grade C-,P;

ENGL278 - Great American Writers II: Civil War to Contemporary

Overview

Description
This course helps students track the development of some of American Literature's most innovative genres and important literary movements, including magazine fiction, horror stories, Native American literature, modernist novels, imagist poetry, African American Literature, nature writing, postmodern fiction, and literature of the pandemic. Focusing on the development of American literature from the Civil War (1865) to the Contemporary (right up to 2020, or 'the year that wasn't'), the class illuminates the cultural and historical context of some of America's most revolutionary and surprising forms of literary expression.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101 ENGL-102 ENGL-W099 or ORENGL-278; Minimum grade C-;

ENGL285 - American Indian Literature

Overview

Description

This course explores traditional American Indian world views and belief systems as reflected in myths and legends, as well as contemporary poetry, short stories, and novels by Native Americans. The difference between American Indian and Eurocentric world views and the implications of these differences will be considered, as illustrated in literature. The course will also explore political, sociological, and psychological effects on American Indians of U.S. governmental policies and actions taken in regard to various tribes. This course is the same as AIST-285.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101P(8607) ENGL-W099 or ENGL-102; Minimum grade C-;

ENGL291 - Creative Writing: Poetry

Overview

Description

This course introduces the principles and techniques of poetry writing, examined through exercises and discussions of student and professional writing. This course helps develop a personal, advanced writing style and an appreciation of literary forms. An above average writing ability and some familiarity with literature are necessary.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 or ENGL-101P(8607);

ENGL292 - Creative Writing: Fiction

Overview

Description
This course introduces the principles and techniques of fiction writing, examined through exercises and discussions of student and professional writing. This course helps develop a personal, advanced writing style and an appreciation of literary forms. Above average writing ability and some familiarity with literature are necessary.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101P(8607) ENGL-W099 or ENGL-102; Minimum grade C-;

ENGL293 - Creative Writing: Literary Nonfiction

Overview

Description
This course introduces the principles and techniques of literary nonfiction writing, examined through exercises and discussions of student and professional writing. This course helps develop a personal, advanced writing style and an appreciation of literary forms. Above average writing ability and some familiarity with literature are necessary.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101P(8607) ENGL-W099 or ENGL-102; Minimum grade C-;

ENGL295 - Contemporary US Multicultural Literature

Overview

Description
This course provides a study of fiction, nonfiction, poetry, and film across a diverse range of cultures in the United States. Selections each semester will include works from the 1960s to the present, including the perspective of women and men who may represent diverse races, ethnicities, social classes, religions, sexual orientations, ages and abilities. Since the Civil Rights movement, writers once marginalized are now published in the mainstream, expressing diverse themes in challenging, experimental styles.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
Odd Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-W099 or ENGL-102; Minimum grade C-;

ENGL296 - Major Figures

Overview

Description
This course offers a comprehensive study of the works of a major figure and that figure's contributions to literature and culture. Repeatable only with a change of topic. Major figures will vary from year to year.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-W099 or ENGL-102; Minimum grade C-;

ENGL299 - English Independent Study

Overview

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

ENGR105 - Engineering Graphics

Overview

Description
This course provides instruction in computer aided engineering drafting with emphasis on visualization of points, lines, planes, and solids in space; freehand sketching; orthographic projection; isometric and oblique drawing; sectioning; dimensioning; descriptive geometry; and 3D modeling. It provides engineering students with beginning skills in computer aided engineering drawing, but is not intended to train AutoCAD technicians.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-025, MATH-090 or an appropriate score on a placement test.

Take 1 group; # Take MATH-025 MATH-108 MATH-123 MATH-130 MATH-143 MATH-144 MATH-147 MATH-160 MATH-170 MATH-187 or MATH-253; Minimum grade C-; # Take MATH-M030 MATH-A049 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-T051 MATH-T099 MATH-P099 MTHP-108 MTHP-123 MTHP-130 MTHP-153 MTHP-143P MTHP-143 MTHP-147 MTHP-253 MTHP-144 MTHP-160 MTHP-170 or MTHP-187; # Take MATH-090; Minimum grade S;

ENGR-105L

Type
Corequisite

ENGR-105L

Take ENGR-105L;

ENGR105L - Engineering Graphics Lab

Overview

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGR-105

Type
Corequisite

ENGR-105

Take ENGR-105;

ENGR119 - Engineering and Computer Science First Year Experience Seminar

Overview

Description
This course is designed to provide first-year engineering and computer science students a community in which they develop the habits and practices of effective college citizens and make meaningful connections to those habits and practices to be successful in science and math contexts. It will also provide students with an opportunity to cultivate intellectual curiosity in order to foster critical thinking skills, define STEM academic pathways, and develop applied science career readiness skills. Emphasis is on active engagement in learning processes through self-reflection, peer interaction, and engagement with the campus community and resources.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ENGR123 - Introduction to Engineering

Overview

Description

This course allows students to explore careers and opportunities in engineering and technology. Topics covered include becoming an engineer, the history, opportunities and potential fields, and career paths in engineering. This course is conducted using lectures, discussions, research, projects, guest speakers, and at least one field trip. This course will also allow students to experience the design process and engineering problem solving, as well as graphical analysis, data analysis, and oral and written communication skills.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ENGR130 - Engineering and Computer Science First Year Experience Symposium

Overview

Description

This course engages students in project-based learning using design thinking. The project topic will be an engineering design project in a group environment culminating in construction and testing of the final product. Outcomes and themes from ENGR 119 including, collegiate citizenship, intellectual curiosity and career readiness will be developed through project activities and interaction with industry partners.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGR119

Type
Corequisite

ENGR-119

Take ENGR-119;

ENGR210 - Statics

Overview

Description
This course is a study of vector analysis, resolution of forces, free body diagrams, equilibrium, friction, centroids, moments of inertia and statics of rigid bodies, trusses, frames, machines, and cables. The course provides basic engineering skills in mechanics necessary for analysis of structures and dynamics of rigid bodies.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PHYS-211

Type
Prerequisite

PHYS-211

Take PHYS-211; Minimum grade C-;

MATH-170

Type
Prerequisite

MATH-170

Take MATH-170 MATH-175 MATH-187 MATH-253 or MATH-275; Minimum grade C-;

ENGR214L - Surveying Lab

Overview

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGR-214

Type
Corequisite

ENGR-214

Take ENGR-214;

ENGR220 - Dynamics of Rigid Bodies

Overview

Description
This course is the study of kinematics and kinetics of particles and rigid bodies. Topics include position, velocity, acceleration, relative velocity and acceleration, translation and rotation by Newton's 2nd Law, energy, momentum methods, collisions, and vibrations. It provides basic engineering skills that apply to all machines and other engineering bodies in motion.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGR-210

Type
Prerequisite

ENGR-210

Take ENGR-210; Minimum grade C-;

MATH-175

Type
Prerequisite

MATH-175

Take MATH-175; Minimum grade C-;

ENGR223 - Engineering Analysis

Overview

Description
This course introduces a combination of numerical analysis skills, problem solving and design techniques, and various computer software as they are utilized in basic engineering applications. Students will utilize oral and written communication skills in presenting their solutions.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH-175

Type
Corequisite

MATH-175

Take MATH-175;

ENGR240 - Circuits I

Overview

Description
This course presents a study of Ohm's Law, analysis methods, network theorems, Ideal Operational Amplifiers, and energy storage elements. Students will be able to apply principles of electrical circuits using hands-on lab activities and computers.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH-175

Type
Prerequisite

MATH-175

Take MATH-175 MATH-187 MATH-253 or MATH-275; Minimum grade C-;

ENGR-240L

Type
Corequisite

ENGR-240L

Take ENGR-240L;

ENGR240L - Circuits I Lab

Overview

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGR-240

Type
Corequisite

ENGR-240

Take ENGR-240;

ENGR241 - Circuits II

Overview

Description
This course presents a study of power, three phase, transformers, filters, Fourier transforms, and Laplace transforms. Students will be able to apply principles of electrical circuits using hands-on lab activities and computers.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGR-240

Type
Prerequisite

ENGR-240

Take ENGR-240; Minimum grade C-;

ENGR-241L

Type
Corequisite

ENGR-241L

Take ENGR-241L;

ENGR241L - Elect Circuits II Lab

Overview

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGR-241

Type
Corequisite

ENGR-241

Take ENGR-241;

ENGR290 - Engineering Internship

Overview

Description
An off-campus experience directed by an on-site supervisor, but overseen by a faculty member designated to provide the student with an opportunity to observe and/or participate in a job-related activity that falls within the student's field of study. Six credits maximum may be applied toward graduation. Instructor permission required.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

ENGR295 - Strength of Materials

Overview

Description
This course is the study of material strength, including elasticity, stress, strain, beam analysis, analysis of structural forms, torsion, deformation, modes of failure, and column analysis. The course provides a basic understanding of how structures and machines should be designed to prevent failure.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGR-210

Type
Prerequisite

ENGR-210

Take ENGR-210; Minimum grade C-;

MATH-175

Type
Prerequisite

MATH-175

Take MATH-175 MATH-187 MATH-253 or MATH-275; Minimum grade C-;

ENSI119 - Introduction to Environmental Science

Overview

Description
This course provides an excellent overview of many scientific disciplines including chemistry, biology and geology. Basic scientific principles are used to understand and address challenges faced in the environment including biodiversity loss, species extinction, the growth of human population, man's use of energy and water resources, toxicology, ocean acidification, global climate change and pollution of the environment.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-025, MATH-090 or an appropriate score on a placement test.

Take 1 group; # Take 1 courses; Minimum grade C-; From Subject MATH; Except courses MATH-015 MATH-021 MATH-022 MATH-023 MATH-024 MATH-102 MATH-143D MATH-143E MATH-157 MATH-257; # Take MATH-M030 MATH-A049 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-T051 MATH-T099 MTHP-108 MTHP-123 MTHP-130 MTHP-153 MTHP-143P MTHP-143 MTHP-147 MTHP-253 MTHP-144 MTHP-160 MTHP-170 or MTHP-187; # Take MATH-090; Minimum grade S;

ENSI-119L

Type
Corequisite

ENSI-119L

Take ENSI-119L;

ENSI119L - Environmental Science Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENSI-119

Type
Corequisite

ENSI-119

Take ENSI-119;

ENSI225 - International Environmental Issues

Overview

Description
This course will examine complex relationships between physical and social factors that contribute to unique regional variations and global significance of international environmental problems. The physical basis of major environmental issues including biodiversity, water resources and climate change will be discussed. In addition to physical and chemical factors, relationships of culture, demographics, geography, economics, history and politics will be explored as these factors may complicate a region's environmental problems. Students will be required to use spatial and analytical data to communicate multifaceted international environmental problems and defend the economic feasibility, social/political acceptability and scientific basis of potential solutions. This global perspective will allow students to analyze and defend adaptation and mitigation strategies for these topics.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENSI-119

Type
Corequisite

ENSI-119

Take ENSI-119;

ENTP105 - Entrepreneurship Skills

Overview

Description
This course provides an overview of the role of entrepreneurial businesses in the United States and the impact of those businesses on the national and global economy. Students evaluate the skills and commitment necessary to successfully operate an entrepreneurial venture. Additionally, students review the challenges and rewards of entrepreneurship as a career choice, as well as the entrance strategies needed to accomplish such a choice. As a key component of this course, students will generate a prospective business idea that can be honed in future entrepreneurship courses. Integrated course content to include: marketing, management, operations, finance, and computer skills and literacy.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ENTP125 - Small Business Financial Management

Overview

Description
This course includes a focused approach on the financial and accounting aspects of operating and growing a business. Students will learn about options for capital and how to manage credit. This course also examines the relationship of managerial accounting to control cash flow and the decision making functions of management. It includes a study of how costs are classified and analyzed for cost-volume-profit analysis (i.e. breakeven and target profit analysis). Students will also learn basic dual-entry accrual accounting theories, financial statement structure and cash flow projection. In addition, students will learn the basic tenets of establishing and evaluating budgets and the implementation of a strong internal control system.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

ENTP135 - Business Development and Planning

Overview

Description
This course is designed to enable students to manage and operate a small business. In this course, students will further develop and refine their business and marketing plans developed in ENTP-105 and/or ENTP-125 or the plans business owners are currently using while operating their businesses. Other areas covered in this course include securing financing, developing advertising and promotional materials, choosing a site location, and managing the business. This course is beneficial for those planning to start a business as well as those already operating a business.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENTP-125

Type
Corequisite

ENTP-125

Take ENTP-125;

ENTP-105

Type
Corequisite

ENTP-105

Take ENTP-105;

ESL110 - ESL Speaking and Listening

Overview

Description
This course is designed for English as Second Language learners to strengthen their speaking, listening, and vocabulary skills. Students will develop the confidence and strategies needed to communicate more effectively in academic and social settings. Emphasis will be placed on listening comprehension, fluency in speaking, pronunciation, and active vocabulary use. This course may be repeated up to one time for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

FREN101 - Elementary French I

Overview

Description
This course includes the introductory study of vocabulary, grammar, and pronunciation. It emphasizes the development of proficiencies in speaking, reading, listening, and writing. Students will enhance their understanding of the language, culture, and geography of the Francophone world.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

FREN102 - Elementary French II

Overview

Description
This course is a continuation of FREN-101, emphasizing further development of basic language proficiency in French.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

FREN-101

Type
Prerequisite

FREN-101

Take 1 group; # Take FREN-101(556) or FREN-101(9183); Minimum grade C-; # Take VPFREN-102;

FREN201 - Intermediate French I

Overview

Description
This course provides training in the acquisition and application of basic language skills and culture.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

FREN-102

Type
Prerequisite

FREN-102

Take 1 group; # Take FREN-102(557); Minimum grade C-,P; # Take VPFREN-201;

FREN202 - Intermediate French II

Overview

Description
This course provides additional training in the acquisition and application of basic language skills and culture.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

FREN-201

Type
Prerequisite

FREN-201

Take 1 group; # Take FREN-201; Minimum grade C-; # Take VPFREN-202;

FSCI101 - Introduction to Forensic Science

Overview

Description
This course is designed to introduce students to the field of forensic science. The course will focus on different forms of physical evidence, including their collection, analysis and evidentiary value in a criminal investigation. The laboratory portion of the course will supplement the lecture and allow students to examine evidence using modern techniques and instrumentation. Topics discussed include organic and inorganic chemical analyses of physical evidence, principles of serology and DNA analysis, ballistics, fingerprint analysis, drug analysis, courtroom testimony and ethics. Students will learn to apply sound scientific methodology to the examination of a crime scene, collection of evidence and the analysis of evidence. As a course that fulfills a core laboratory component of the General Education requirement, we will focus on the application of the scientific method to cases of interest in the field of forensic science.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CHEM-101 or CHEM-102

Type
Prerequisite

CHEM-101 or CHEM-102

Take CHEM-101 or CHEM-102;

FSCI-101L

Type
Corequisite

FSCI-101L

Take FSCI-101L;

FSCI101L - Introduction to Forensic Science Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

FSCI-101

Type
Corequisite

FSCI-101

Take FSCI-101;

FST100 - Fire Service Technology

Overview

Description
This course will transcript the non-credit Idaho State Fire Fighters certification courses to 33 credits so they can be utilized as the technical skills courses for the Fire Service Technology A.A.S. degree. These courses are delivered through fire departments statewide.

Fire Service-related courses such as the following are included in this transcription: Fire Fighter II, Technical Rescue, Hazmat, Rescue, Extrication, Fire Investigation, Paramedic, Wildland, Emergency Medical Technician, Building Construction, Incident Command System, Driver Operation, Fire Officer, and Instructor. For every 15 hours of theory/lecture training 1 credit will be awarded, and for every 30 hours of skills-based/lab training 1 credit will be awarded.

Credit Hours:
1

Maximum Credit Hours:
33

FST101 - Fire Fighter 1

Overview

Description
This course is designed to prepare students for the written and practical skills examinations for Idaho Fire Fighter 1 certification accredited by the International Fire Service Accreditation Congress (IFSAC). Instruction includes basic firefighting skills, hazardous materials and infection control for emergency responders. The academy offers students the opportunity to learn from and network with instructors from Coeur d'Alene Fire Department, Kootenai County Fire and Rescue, and Northern Lakes Fire District.

Credit Hours:
12

Offering Cycle
SPR

Yearly Cycle
All Years

GDES102 - Survey of Graphic Design

Overview

Description
This course introduces students to the characteristic manner of expressions, basic designs, various constructions, and execution of graphic design, and its visual aesthetics at particular times and places throughout history. The course covers how the look of graphic design has evolved and what caused this evolution, starting with commercial art at the beginning of the industrial revolution in the 19th century and ending with the current digital era.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

GDES120 - Typography

Overview

Description
This course introduces the techniques used in typography, which is the visual communication of information through type. A historical perspective will trace the development of typography from its beginning to its current use in graphic design. Students will learn about the transition from traditional techniques and concepts to the creation of electronic documents utilizing quality typographic work. Attention to detail will be stressed so that students have an opportunity to acquire and demonstrate the use of the typographic skills necessary in today's graphic design work.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-131

Type
Prerequisite

GDES-131

Take GDES-131; Minimum grade C-;

GDES131 - Adobe Illustrator - Vector Graphics

Overview

Description
This course offers in-depth knowledge of the Adobe Illustrator for Graphic and Web Design software program. Students will explore the fundamental concepts associated with Adobe Illustrator and learn the basics of computer-aided illustration.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

GDES132 - Adobe Photoshop - Raster Graphics

Overview

Description
This course offers in-depth knowledge of the Adobe Photoshop - Raster Graphics software program. This course introduces students to basic hardware and software, standard input and output devices, and basic troubleshooting in a graphic design environment. In addition, students will gain experience in image creation and manipulation. This course will cover the fundamental concepts needed to scan, correct, manipulate, and enhance bitmap (Raster) images.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-131

Type
Prerequisite

GDES-131

Take GDES-131; Minimum grade C-;

GDES135 - AI for Designers

Overview

Description
This course introduces students to the rapidly evolving role of artificial intelligence in the graphic and web design industries. This course focuses on integrating AI responsibly and efficiently into creative workflows while reinforcing strong design fundamentals. Students will learn best practices for ethical use, effective prompting, evaluating AI-generated content, navigating copyright issues, and identifying when AI tools enhance (or hinder) design work. Through hands-on demonstrations, discussions, and guided exercises, students will develop practical skills that prepare them for the shifting expectations of modern design workplaces.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

GDES141 - Web Design I

Overview

Description
This course introduces the student to HTML, CSS and other essential web coding concepts in addition to the creation of pleasing graphical interface/web pages using industry graphic design software. Emphasis is placed on hands-on skills. Students will use standards-compliant HTML to create basic web pages, be able to use styles to format those web pages, and will demonstrate an understanding of advanced CSS selectors and properties. Students will demonstrate the ability to effectively design and layout web pages using CSS.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

GDES221 - Graphic Design I

Overview

Description

This course offers instruction in the principles of design. Students research case studies, use problem solving skills and techniques, and gain an understanding of basic layout composition and color theories in print, web, and video. Students develop concepts with rough layouts and comprehensive layouts on assigned projects including creation of their own business package. Field trips and student presentations support theories and concepts learned in the classroom.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-131

Type
Prerequisite

GDES-131

Take GDES-131; Minimum grade C-;

GDES-132

Type
Corequisite

GDES-132

Take GDES-132;

GDES222 - Graphic Design II

Overview

Description

This course is a continuation of GDES 221. It is designed to give the student more hands-on experiences in developing skills with tools, materials, and professional methods for creating professional visuals. The student will learn to incorporate research, illustrations, and other graphics necessary to complete packaging, advertising proposals, and then present results individually and as a group. Continued emphasis is placed on computer applications and on assigned projects. This course is helpful in building visual literacy, expanding conceptual and technical skills, and improving creative problem solving.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-221

Type
Prerequisite

GDES-221

Take GDES-221; Minimum grade C-;

GDES223 - Graphic Design III

Overview

Description
This course is a continuation of GDES 222 and provides hands-on exposure to a variety of complex visual design problems. Real life interaction with customers provides opportunities to best prepare students for future design careers. GDES 223 develops the creative use of computer technologies and requires clients' proposal submissions, presentations and respect to stringent deadlines.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-222

Type
Prerequisite

GDES-222

Take GDES-222; Minimum grade C-;

GDES227 - Digital Video and Computer Animation

Overview

Description
This course introduces students to necessary creative and technical skills for using digital video cameras, lighting, and audio equipment while utilizing graphics and video editing hardware and software to industry standards. Students will be able to produce effective messages/storytelling in multiple digital formats by editing and compositing 2D and 3D motion-graphics, video, and animation techniques for broadcast-ready playback to interactive formats within web browsers to new media applications.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-222

Type
Corequisite

GDES-222

Take GDES-222;

GDES-120

Type
Prerequisite

GDES-120

Take GDES-120; Minimum grade C-;

GDES-221

Type
Prerequisite

GDES-221

Take GDES-221; Minimum grade C-;

GDES235 - Adobe InDesign Layout, Composition, and Pre-Press

Overview

Description
This course introduces students to an in-depth knowledge of the Adobe InDesign software program and a systematic introduction to the complex print production process. The study of graphic design job coordination and preflight techniques, including functions related to matching customer needs to the requirements of prepress and press operations, are covered. Topics include management of print production workflow from concept through execution and job costs calculation for traditional and digital output production.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-221

Type
Prerequisite

GDES-221

Take GDES-221; Minimum grade C-;

GDES245 - User Experience Design and Usability

Overview

Description
This course takes an in-depth look at the use of prototyping and usability testing and their impact on user experience on various design projects throughout the semester. Topics include: website planning and strategy, sketching, prototyping, wireframes, interaction design, web usability testing methods, reporting and presentation skills.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

GDES247 - Social Media Design Strategies

Overview

Description
This course is specifically tailored to meet the needs of the web design professional. The class instructs the student on how to build a presence and leverage it across multiple iterations of modern social networking portals; creating a foundation for the current and future application of these portals in the business and creative environments.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-221

Type
Corequisite

GDES-221

Take GDES-221;

GDES252 - Web Design III

Overview

Description
This course builds upon foundational knowledge of semantic and standards-based HTML and CSS by introducing students to contemporary design patterns for desktop, tablet, and mobile user interface design. Students will learn how to write, integrate and validate client-side scripts into website projects, utilize advanced semantic coding techniques, perform markup validation, apply website deployment methods, and implement and interpret website analytics. Upon completion, students should be able to employ advanced design techniques to create high-impact and highly-functional hand-coded websites.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-245

Type
Corequisite

GDES-245

Take GDES-245;

GDES-141

Type
Prerequisite

GDES-141

Take GDES-141; Minimum grade C-;

GDES-255

Type
Prerequisite

GDES-255

Take GDES-255; Minimum grade C-;

GDES255 - Web Design II

Overview

Description
This course is a continuation of the Web Design I course and further utilizes HTML and CSS for designing and formatting online content for the web. This course will focus on contemporary web standards for interface development by reinforcing the separation of content from the presentation layer and focusing on end-user behavior. Students will use optimized graphic formats, typography, layout principles, and cascading styles to develop conceptual designs into fully working functional, live, interactive websites.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-221

Type
Corequisite

GDES-221

Take GDES-221;

GDES-141

Type
Prerequisite

GDES-141

Take GDES-141; Minimum grade C-;

GDES261 - Applied Web Development

Overview

Description
This course is a project-oriented course that will have students apply knowledge from previous web design classes. Applied Web Development students will learn how to build dynamic, database-driven websites using PHP and MySQL. They will use PHP to transform static HTML web designs into functional dynamic web sites. Students will become proficient at server-side programming, form processing & validation, database queries and content management.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-252

Type
Prerequisite

GDES-252

Take GDES-252; Minimum grade C-;

GDES271 - Design Projects

Overview

Description
This course includes the development of real-life design projects. Students will complete publishable projects while performing client-graphic designer interaction; designing pre-production, production, and marketing costs; and delivering projects to the customer in a variety of media for different markets. Students must be responsive to client-driven deadlines.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-131

Type
Prerequisite

GDES-131

Take GDES-131; Minimum grade C-;

GDES-132

Type
Prerequisite

GDES-132

Take GDES-132; Minimum grade C-;

GDES-221

Type
Prerequisite

GDES-221

Take GDES-221; Minimum grade C-;

GDES-235

Type
Corequisite

GDES-235

Take GDES-235;

GDES283 - Portfolio Development

Overview

Description
This course provides an overview of the graphic design profession, provides techniques to engage students in the first assembly of their graphic design professional resume and portfolio, and knowledge of essential job interview skills. The result of combining a first portfolio, while acquiring practical and relevant information about the industry, prepares students for internship opportunities. The course is designed to further prepare students toward clients' expectations, to stress deadlines, and to reinforce necessary technical learning. Assigned projects mirror real life assignments, including professional ethics, communication, and production costs.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

GDES-222

Type
Prerequisite

GDES-222

Take GDES-222; Minimum grade C-;

GDES290 - Graphic Design Internship

Overview

Description
This course provides students with practical, on-the-job experience in preparation for a successful career in the graphic design field. The internship is paired with in-class learning and weekly meetings with the sponsoring instructor and designated business or agency. An internship is an excellent job market pathway. An exit portfolio review is scheduled at the completion of the course. GDES-290 can be repeated in order to earn a maximum of six credits in this course.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

GDES299 - Graphic Design Independent Study

Overview

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

GEOG100 - Physical Geography

Overview

Description
This course is an introduction to the Earth's physical systems and the interaction among the atmosphere, hydrosphere, biosphere, and lithosphere. It emphasizes the atmospheric sciences (weather and climate), landforms, water resources, and soils.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GEOG-100L

Type
Corequisite

GEOG-100L

Take GEOG-100L;

GEOG100L - Physical Geography Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GEOG-100

Type
Corequisite

GEOG-100

Take GEOG-100;

GEOL101L - Physical Geology Lab

Overview

Credit Hours:
0

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

GEOL-101

Type
Corequisite

GEOL-101

Take GEOL-101;

GEOL101 - Physical Geology

Overview

Description
This course is the study of the origin and development of the earth. It includes the detailed study of the development of the Earth's crust, its minerals, rocks, volcanoes, glaciers, mountains, and continents. This course provides an understanding of the natural and physical processes of the planet Earth and an appreciation for the impact geology has on everyday life.

Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

GEOL-101L

Type
Corequisite

GEOL-101L

Take GEOL-101L;

GEOL102 - Historical Geology

Overview

Description
This course is an introduction to the principles and interpretation of geologic history. It emphasizes the evolution of the Earth's lithosphere (crust), atmosphere, and biosphere through geologic time. This course includes consideration of the historical aspects of plate tectonics, the geologic development of North America, and important events in biological evolution and the resulting assembly of fossils. GEOL-102 provides an appreciation for the vast extent of geologic time, the natural processes affecting change on the Earth, and the identification of common fossil types.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GEOL-102L

Type
Corequisite

GEOL-102L

Take GEOL-102L;

GEOL102L - Historical Geology Lab

Overview

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GEOL-102

Type
Corequisite

GEOL-102

Take GEOL-102;

GEOL125 - Regional Geology of the Pacific Northwest

Overview

Description
This course is the study of the regional geology, including geologic history, of the Pacific Northwest - to include the states of Washington, Idaho, Montana, Wyoming, Utah, and Oregon. It provides an overview of the major geologic provinces of the region and their genesis through geologic time. Geologic controls on major topographic features are emphasized, as are current scientific and social issues directly related to the geology of various well-known localities in the region. Field trips, virtual and actual, to extraordinary locales illustrate landscape development in the region in response to geologic processes.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

GEOL255 - Systematic Mineralogy

Overview

Description
This is a study of the classification and determination of minerals by physical, chemical, and crystallographic and optical properties. It emphasizes occurrences, identification, and uses of the silicate minerals and the non-silicate ore and rock-forming minerals. The weekly three-hour laboratory includes hands-on testing and identification of mineral samples including utilizing their optical properties in oil mounts and thin section, and field trips to significant mineral locations. Students learn to recognize and identify important ore and industrial minerals, while gaining an appreciation for the application of mineral resources to everyday life.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

GEOL-101

Type
Prerequisite

GEOL-101 and GEOL-101L

Take GEOL-101 GEOL-101L; Minimum grade C-;

GEOL-255L

Type
Corequisite

GEOL-255L

Take GEOL-255L;

GEOL255L - System Mineralogy Lab

Overview

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

GEOL-255

Type
Corequisite

GEOL-255

Take GEOL-255;

GERM101 - Elementary German I

Overview

Description
This course concentrates on the study and application of vocabulary and pronunciation at an introductory level. Students will develop proficiencies in speaking, reading, listening, and writing while enhancing their understanding of the language, culture, and geography of German-speaking countries.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

GERM102 - Elementary German II

Overview

Description
This course is a continuation of GERM-101, stressing the further development of basic language proficiency in German.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

GERM-101

Type
Prerequisite

GERM-101

Take 1 group; # Take GERM-101(584) or GERM-101(9185); Minimum grade C-; # Take VPGERM-102;

GERM201 - Intermediate German I

Overview

Description
This course provides additional development in the language with an emphasis on conversation, reading, grammar, and composition. Varied aspects of the current cultural climate of Germany are woven into the course, so students increase proficiency of their language skills.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GERM-102

Type
Prerequisite

GERM-102

Take GERM-102(585); Minimum grade C-;

GERM202 - Intermediate German II

Overview

Description
This course is a continuation of GERM-201.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

GERM-201

Type
Prerequisite

GERM-201

Take GERM-201; Minimum grade C-;

GIST271 - Introduction to Geographic Information Science and Technology Using GIS (Geographic Information Systems)

Overview

Description
This course will present fundamentals of Geographic Information Systems (GIS), including basic applications, procedures, and survey approaches to problem solving through the use of GIS. Emphasis is on data acquisition and techniques for computer-aided analysis utilizing Geographic Information Science across a variety of disciplines. Computer literacy in use of Excel spreadsheets and a basic understanding of Windows and file directory structures is recommended.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GIST-271L

Type
Corequisite

GIST-271L

Take GIST-271L;

GIST271L - Introduction to Geographic Information Science and Technology using GIS (Geographic Information Systems) Lab

Overview

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

GIST-271

Type
Corequisite

GIST-271

Take GIST-271;

HCIT180 - Medical Law and Ethics

Overview

Description
This course emphasizes the basic foundation of the legal system as it applies to health care practitioners in the United States, including legal and ethical principles affecting medical office, health care, and health information management professionals. This course focuses on privacy and security regulations, scope of practice, malpractice and negligence, fraud and abuse, credentialing, risk management, release of information, breach reporting, informed consent, federal and state law related to health care, and patient rights and responsibilities.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

HIST101 - World History I

Overview

Description
This course explores important chapters of the human past from the earliest civilizations through the 15th century. The course considers how people, environment, social movements, religion, political ideologies, and philosophical ideas have shaped human society. This course is recommended for students seeking a broad background of general knowledge, whether as the foundation of a liberal arts education, out of curiosity, or to be well informed. It develops critical thinking skills essential in every career.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

College level reading and writing skills.

Take ENGL-101;

HIST102 - World History II

Overview

Description

This course explores important chapters of the human past from the Voyages of Discovery in the 15th century to the 20th century. The course considers how people, environment, social movements, religion, political ideologies, and philosophical ideas have shaped human society. This course is recommended for students seeking a broad background of general knowledge, whether as the foundation of a liberal arts education, out of curiosity, or to be well informed. It develops critical thinking skills essential in every career.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

College level reading and writing skills.

Take ENGL-101;

HIST103 - History of Civilization 20th Century

Overview

Description

This course explores the history of the world in the 20th century, beginning with the Berlin Conference in 1885 and continuing to the present. Emphasis will be placed on the causes and effects of the two World Wars, the dynamics of the Cold War, the rise of terrorism, and the role of the nation-state. Students are expected to read and write at college level and are required to participate in discussions.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

College level reading and writing skills.

Take ENGL-101;

HIST111 - United States History I

Overview

Description
This course offers a broad chronological overview of U.S. history with emphasis on the political, economic, social, and cultural currents from the Pre-Columbian period through post-Civil War Reconstruction (c. 1876). Attention is given to themes which illuminate current events.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

College level reading and writing

Take ENGL-101;

HIST112 - United States History II

Overview

Description
This course offers a broad chronological overview of U.S. History with emphasis on political, economic, social, and cultural currents from the Gilded Age (c. 1876) through the present. Attention is given to themes which illuminate current events.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

HIST115 - History of the Americas I: First Peoples and Colonial Period

Overview

Description
This course provides a comparative topical study of Indian cultures, European colonization, race relations, society, culture, economy, religion, and government in the Western Hemisphere from the first peoples to the wars of independence.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

HIST116 - History of the Americas II: Since Independence

Overview

Description
This course provides a comparative topical study of the U.S., Canadian and Latin American nations from independence to the present within the broader context of the Western World. Emphasis will be placed on political, social and economic developments, minority experience and inter-American relations

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

HIST131 - History of Latin America

Overview

Description
This course provides a survey of the historical development of Latin America from pre-Columbian times to the present day. The course examines the origins and legacies of economic, religious, and political institutions and the cultural and social contributions of Native Americans, Africans, and Europeans. Students are expected to read and write at college level and will be required to participate in discussions.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

HIST141 - History of Africa

Overview

Description
This course is an introductory survey of Africa history from ancient times to the present. The course covers traditional political systems and culture, the impact of Christianity and Islam, the economic and political intrusion of Europe, and the development of economic and political crises in contemporary Africa.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

HIST240 - American Indian History

Overview

Description
This course provides a historical overview of post-contact Indian and non-Indian relations and their effect on Indian culture, including reactions, adaptations, and conflicts in social, political, and economic systems. Some emphasis will be placed on prominent Indian personages and geographical groups, their migrations and intertribal and U.S government relationships, including federal Indian policy. Students will gain a deeper sense of "nations" and an understanding of the importance of tribal heritage and identify from a historical perspective. This course is the same as AIST-240.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

HIST241 - History of the Lands of the Bible

Overview

Description
This course provides an in-depth study of the social, political, and cultural developments of the lands of the Bible; ancient Mesopotamia, Syria, Palestine, and Egypt. The class will consist of reading, discussion, lectures and media focusing on the issues and forces contributing to the history of the lands of the Bible.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

HIST-101

Type
Prerequisite

HIST-101

Take HIST-101;

HIST243 - History of Christianity I: Early and Medieval

Overview

Description
This course provides an in-depth study of the history of early and Medieval Christianity to c. 1500. The class will consist of reading, discussion, lectures and media focusing on the issues and forces contributing to the history of Christianity from the first century to the fifteenth century.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

HIST-101

Type
Prerequisite

HIST-101

Take HIST-101;

HIST263 - Many Spains: Historical Origins of Hispanic Civilization

Overview

Description

This course provides an in-depth study of the historical origins of Hispanic Civilization through the study of the history of the Iberian peoples. The class will consist of reading, discussion, lectures and media focusing on the social, cultural and historical forces that shaped the experience of the peoples that inhabit the Iberian peninsula. This course is the same as FLAN-263.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

HIST271 - Civilization of Ancient Greece and Rome

Overview

Description

This course provides an in-depth study of the social, political, and cultural developments of the Mediterranean world during Greek and Roman times. The class will consist of reading, discussion, lectures and media focusing on the issues and forces contributing to the history and civilization of ancient Greece and Rome. This course is the same as FLAN-271.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

HIST273 - Europe in the Middle Ages

Overview

Description
This course provides an in-depth study of the history of Europe between the 4th century and the 15th century. The class will consist of reading, discussion, lectures and media focusing on the issues and forces contributing to the history of Europe in the Middle Ages.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

HIST290 - The Historian's Craft

Overview

Description
This course provides an introduction to the discipline of history, to basic skills for research methodology, and to major schools of historical writing.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

ENGL-102

Type
Corequisite

ENGL-102

Take ENGL-102;

HIST299 - History Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

HLAP101 - HVAC Apprenticeship 1st year

Overview

Credit Hours:
1

Maximum Credit Hours:
16

HLAP102 - HVAC Apprenticeship 2nd year

Overview

Credit Hours:
1

Maximum Credit Hours:
16

HLAP103 - HVAC Apprenticeship 3rd year

Overview

Credit Hours:
1

Maximum Credit Hours:
16

HLAP104 - HVAC Apprenticeship 4th year

Overview

Credit Hours:
1

Maximum Credit Hours:
16

HOSP100 - Introduction to Hospitality and Tourism

Overview

Description
This course provides a general overview of hospitality management. It covers the growth and development, organization and structure, and all of the functional areas of the hospitality industry, including travel and tourism, lodging, food services, and recreation. Included are an explanation of both the management and operational functions of hospitality operations, a discussion of the personal and professional demands of hospitality management, examination of managing human resources, and an exploration of the future of the industry. This course is the same as RRM-100.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

HOSP111 - Food Safety and Sanitation

Overview

Description
This course provides a clear understanding of daily procedures required to ensure that food is handled safely, avoiding contaminants that cause serious food-borne illnesses. Students will prepare for the ServSafe Managers Examination, earning a certification with a score of 75% or higher. This course is the same as CULA-111.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

HOSP117 - Careers in Hospitality

Overview

Description
This course highlights the many career opportunities in the hospitality industry. Students learn the techniques necessary to gain employment such as resume writing, interviewing skills, appropriate interview attire, and networking.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

HOSP121 - Professional Kitchen I

Overview

Description
This course is an introduction to the professional kitchen. Students will explore the history of the professional kitchen and its organization. An overview of food safety and sanitation, nutrition, menu and recipes, kitchen staples and equipment identification, and kitchen equipment use will be presented. Skills development will include knife skills, basic cooking methods and techniques, and calculation of recipe conversions, total recipe cost, and cost per portion.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Corequisites

Type
Corequisite

HOSP-121L, HOSP-180, HOSP-180L

Take HOSP-121L HOSP-180 HOSP-180L;

Pre/Corquisites

Type
Corequisite

CULA-111 or HOSP-111

Take CULA-111 or HOSP-111; Minimum grade C-;

HOSP121L - Professional Kitchen Lab I

Overview

Description
This course will apply the knowledge and skills taught in Professional Kitchen I theory while operating Emery's, the college restaurant. Emphasis is placed on practical experiences to enhance skills and food safety in sanitation; use of equipment; knife skills, basic cooking methods and techniques; and recipe conversions, recipe costs, and costs per portion.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Corequisites

Type
Corequisite

HOSP-121 and HOSP-180 and HOSP-180L

Take HOSP-121 HOSP-180 HOSP-180L;

Pre/Corequisites

Type
Corequisite

CULA-111 or HOSP-111

Take CULA-111 or HOSP-111; Minimum grade C-;

HOSP135 - Lodging Operations Management

Overview

Description
This course is designed to provide students with a general understanding of the dynamics of the lodging industry, and specifically the operations and management of today's modern hotels.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

HOSP180 - Introduction to Customer Service

Overview

Description
This course will focus on the basics of customer service. Quality customer service will be at the center of all discussions. Covered topics are customer behavior, use of technology, diversity in customers, managing stress and time, ways to encourage customer loyalty, and how to communicate effectively with customers.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Corequisites

Type
Corequisite

HOSP-121, HOSP-121L, HOSP-180L

Take HOSP-121 HOSP-121L HOSP-180L;

Pre/Corequisites

Type
Corequisite

CULA-111 or HOSP-111

Take CULA-111 or HOSP-111; Minimum grade C-;

HOSP180L - Introduction to Customer Service Lab

Overview

Description
This course is an on-the-job training lab to be taken in conjunction with HOSP-180. Principles taught in HOSP-180 will be applied in this lab.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

HOSP-180

Type
Corequisite

HOSP-180

Take HOSP-180;

CULA-120

Type
Corequisite

CULA-120

Take CULA-120;

CULA-120L

Type
Corequisite

CULA-120L

Take CULA-120L;

CULA-111 or HOSP-111

Type
Corequisite

CULA-111 or HOSP-111

Take CULA-111 or HOSP-111;

HOSP207 - Exploring Hospitality and Cultural Connections

Overview

Description
This course will embark on a transformative journey, where the world becomes your classroom. Students will plan and organize a class trip to a predetermined location. The culture of the area will be analyzed and embraced throughout the planning process. This course is a celebration of cultural diversity, hospitality traditions, and the art of meaningful travel experiences.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

HOSP217 - DECA Marketing

Overview

Description
This course uses DECA projects to teach students that marketing is the interface between the organization and its prospective customers. Throughout the course, students will learn how marketing strategy is applied and used in partnership with industry. Students will gain an understanding of how companies develop brands, promote products, and grow. Occupational skills will be practiced through activities with National DECA as well as collaboration with business professionals.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

HOSP225 - Event Planning and Management

Overview

Description
This course identifies the elements of event planning and management. Students will learn about different types of events, venues, step-by-step planning, and the management skills required to communicate with various stakeholders in the process. This course is the same as RRM-225.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

HOSP235 - Food Appreciation

Overview

Description
This course provides a food appreciation laboratory experience where students will examine the different preparation and service methods of commercial food operation. Traditional restaurant menus will be prepared and evaluated for quality standards.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Recommended

Type
Prerequisite

CULA-111 or HOSP-111

Take CULA-111 or HOSP-111;

HOSP267 - Responsible Alcohol Service

Overview

Description
This course teaches the skills and knowledge necessary to prevent intoxication, underage drinking, and drunk driving as well as the risks associated with service alcohol.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

CULA-268

Type
Corequisite

CULA-268

Take CULA-268;

HOSP268 - Introduction to Wine, Beer and Spirits

Overview

Description
This course provides an introduction to wine, beer and spirits. Along with a history of each type of beverage, this course also covers how these beverages are produced and manufactured, beverage varieties and styles, and food pairings. Cost, pricing, merchandising, marketing, storing, and table service are also reviewed.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Recommended

Type
Prerequisite

HOSP-267

Take HOSP-267;

HOSP291 - Hospitality Field Experience I

Overview

Description
This course has students work under the supervision of a member of the management staff at a hospitality venue applying skills learned in the classroom. The student must demonstrate a minimum of entry-level competence as determined by the field experience supervisor and must document 45 hours at the job site.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

HOSP-111 or CULA-111

Type
Prerequisite

HOSP-111 or CULA-111

Take HOSP-111 or CULA-111; Minimum grade C-;

HOSP-100 OR HOSP-207

Type
Prerequisite

HOSP-100 or HOSP-207

Take HOSP-100 or HOSP-207; Minimum grade C-;

CULA-120 or HOSP-235

Type
Prerequisite

CULA-120 or HOSP-235

Take CULA-120 or HOSP-235; Minimum grade C-;

CULA-180 or HOSP-180 or BLDR-105

Type
Prerequisite

CULA-180, HOSP-180, or BLDR-105

Take CULA-180 HOSP-180 or BLDR-105; Minimum grade C-;

HOSP292 - Hospitality Field Experience II

Overview

Description
This course has students work under the supervision of a member of the management staff at a hospitality venue applying skills learned in the classroom. The student must demonstrate advancement in position of skill level from experience during HOSP-291. Student must document 45 hours at the job site.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

HOSP-291

Type
Prerequisite

HOSP-291

Take HOSP-291; Minimum grade C-;

HOSP-117

Type
Corequisite

HOSP-117

Take HOSP-117;

HOSP293 - Hospitality Field Experience III

Overview

Description
This course has students work under the supervision of a member of the management staff at a hospitality venue applying skills learned in the classroom. The student must demonstrate competent leadership as determined by the field experience supervisor as well as demonstrate an advancement in position or skill level from experience during HOSP-291 and HOSP-292. Student must document 45 hours at the job site.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

HOSP-292

Type
Prerequisite

HOSP-292

Take HOSP-292; Minimum grade C-;

BLDR-122

Type
Corequisite

BLDR-122

Take BLDR-122;

HRA210 - Recruiting, Selection, and Retention

Overview

Description
This course is designed to give the student a basic understanding of the employment process. Emphasis is placed on legal compliance, planning, recruitment, selection, and retention. By the end of the course the student should understand the fundamentals and legal aspects of various methods and techniques in recruiting, selection, and employment.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

HUMS101 - Montage: Introduction to the Humanities

Overview

Description
This course explores how the humanities, through many varied types of creative works, comment on human experiences and raise questions of value and meaning. Students will learn an approach to understanding a wide variety of works in visual art, music, literature, and philosophy, based on questions applicable to all genres. The course is highly interactive, with frequent class discussion and informal written responses to works being explored. This course provides a good foundation for further humanities study in courses focusing on one particular field, such as literature, philosophy, or the arts. It is an ideal course for students who intend to focus on areas other than the humanities but wish to broaden their education.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

HUMS200 - Interdisciplinary Seminar

Overview

Description

This course integrates a range of disciplines, including social sciences, the arts, history, literature, philosophy, and natural sciences, to explore issues related to community, sustainability and/or humanity's role in maintaining public and environmental health in the 21st century. Utilizing experiential learning, writing across the curriculum, reading, research, and special projects, students use problem-solving skills to explore these issues. This course is the same as INTR-200.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Corequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

HUMS205 - Visual Texts and Culture

Overview

Description

This course is an interdisciplinary introduction to the study of visual culture. Borrowing from literary, cultural, and critical theory, this course investigates visual texts (images) and how they construct, subvert, reinforce or otherwise participate in the exchange of cultural meaning. The students will develop specific visual, written, and verbal skills for observing, analyzing, and describing visual artifacts in mediums including film, fashion, art, television, photography, the Internet, and other visual sources.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

HUMS-101

Type
Prerequisite

HUMS-101

Take HUMS-101;

HUMS295 - Themes in Humanities

Overview

Description
This course is an integrated humanities course designed to examine historical, philosophical, and aesthetic themes in the humanities. The emphasis is on ways that artist, musicians, film makers, and writers have responded to such themes. Each semester the theme will focus on one significant contemporary issue, such as trends in the arts, architecture, the environment, technology, human rights, and regional conflicts.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

HUMS-101

Type
Prerequisite

HUMS-101

Take HUMS-101;

HVAC161 - HVACR Principles

Overview

Description
This course is designed to explore the common aspects of HVACR technology. Discussion will focus on such topics as psychometrics, air distribution and balance, as well as system installation and controls. This is a required class in the HVACR program. Current industry professionals who want to update skills are invited to take this class as a stand alone course.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

HVAC161L - HVACR Lab I

Overview

Description
This course provides an opportunity to apply and practice the theories taught in HVACR Principles, HVACR Electrical, and HVACR Heating Systems. Safety principles and procedures used in the field are also emphasized in this lab class. Students enrolled in the HVACR program are required to take this class concurrently with theory classes. Of the required 5 credits, a maximum of 2 credits can be substituted in an approved internship/co-op with instructor permission.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

HVAC165 - HVACR Electrical

Overview

Description
This course will discuss basic electrical safety and electrical theory such as Ohms Law, circuit schematics and circuit characteristics/ symbols as it applies to DC and AC circuits in the HVACR industry. Basic control circuits, sequence of operation for basic HVACR applications and electric motor theory, as well as specific information on HVACR electrical component devices will also be covered. Both electrical testing and troubleshooting methods are taught and practiced. HVACR professionals are invited to take this course as a refresher to update skills. Students enrolled in the HVACR program are required to take this course as part of their program.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

HVAC167 - HVACR Heating

Overview

Description
This course will focus on basic heat transfer theory and concepts. Specific areas of study include the different mediums used for heat transfer, electric heat systems, and fossil fuel systems (natural gas, propane and fuel oil). Residential and light commercial system applications will be made throughout the program. Industry professionals who want to update skills are encouraged to take this class as a stand alone course. Students enrolled in the HVACR program are required to take this class as part of their program.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

HVAC171L - HVACR Lab II

Overview

Description
This course provides students an opportunity to apply and practice the theories taught in HVAC Systems, HVACR Heating, HVACR Codes and Licenses, and HVACR Principles. Safety principles and procedures used in the field will be a major focus. Students enrolled in the HVACR program are required to take this class concurrently with theory classes. Of the required 5 credits, up to 2 credits can be substituted in an approved internship/co-op with instructor permission.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

HVAC175 - HVACR Systems

Overview

Description
This course will focus on HVACR systems that utilize the refrigeration cycle. Refrigeration, as it applies to air conditioning, typical operation conditions, heat pumps, room air conditioners, furnaces, and AC combined will be covered. Students will have the opportunity to explore troubleshooting methods for HVACR systems. Students enrolled in the HVACR program are required to take this course as part of their program. Industry professionals who want to update skills are encouraged to take this as a stand-alone course.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

HVAC177 - Refrigeration

Overview

Description
This course will introduce students to the refrigeration cycle. In addition, it will concentrate on the major components and flow control devices that are used in a refrigeration system. Major topics covered will include refrigeration and refrigerants, system evacuation, refrigerant management, system charging, evaporators, condensers, compressors, and flow controls. Focus will also be placed on applications and system troubleshooting practices. Students enrolled in the HVACR program are required to take this class as part of their program. Industry professionals who want to update skills are encouraged to take this class as a stand alone course.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

HVAC180 - HVACR Codes and Licenses

Overview

Description
This course provides information needed to successfully pass the Gas Fitter License exam and the EPA refrigerant license - Type II level. Students will have the opportunity to take both of these exams during the semester. Students enrolled in the HVACR program are required to take this class as part of their program. Current industry professionals that want to update skills are invited to take this class as a stand alone course.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

INTR100 - Learning Community Symposium

Overview

Description
In this course, students will receive instruction and practice in defining personal, educational, and career goals; connecting curriculum across disciplines; implementing a designed educational plan, developing intellectual curiosity; and designing practices for academic, personal, and career readiness. The content for each symposium may change with each unique learning community, allowing students to repeat the course.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

CLC-100

Type
Prerequisite

CLC-100

Take CLC-100; Minimum grade C-;

INTR200 - Interdisciplinary Seminar

Overview

Description
This course integrates a range of disciplines, including social sciences, the arts, history, literature, philosophy, and natural sciences, to explore issues related to community, sustainability and/or humanity's role in maintaining public and environmental health in the 21st century. Utilizing experiential learning, writing across the curriculum, reading, research, and special projects, students use problem-solving skills to explore these issues. This course is the same as HUMS-200.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Corequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

INTR250A - Death and Dying: A Sociocultural, Historical, and Biological Perspective

Overview

Description
This course explores the social, cultural, historical, and biological nature of human death and dying through the application of social scientific research methods. Topics include: decomposition, death rituals, cultural construction of death, mourning and bereavement, end of life issues, and the ethical implications of death and dying. Students will examine the variety of socio-cultural responses, historically and today, to the biological fact of death. In the process, students will be exposed to a diverse array of disciplines and apply knowledge gained to develop a community based research project.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR250B - Physical and Virtual Environments

Overview

Description

This course explores the ways humans live in, experience, process and record the physical environments in which they dwell. Through the lens of literature and philosophy, students will discover different ways that writers and thinkers have experienced their environments and recorded those experiences, along the way engaging in inquiry about how the digital age is shifting humans' sense of physical belonging-in-place. How has our cultural shift to the virtual (through video games, cell phones, social media, email, etc.) changed our perceptions of what it means to be in the world? This is the central question that the class will explore.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR250C - Integrative Business and Value Creation

Overview

Description

This course explores how organization and individuals turn resources and opportunity into value. It examines the functions and activities of business in contemporary society. Emphasis is placed on the terminology necessary to understanding business principles and practices. The course also includes an exploration of business environments, human resources, management, marketing management, finance, management information tools, and international marketing. Focus is on critical factors essential to understanding the interdependence between different facets of business operations. This course is useful for those non-business majors who need an overview of what the study of business encompasses.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

MATH-108

Type
Prerequisite

MATH-108

Take MATH-108;

INTR250D - Juvenile Justice

Overview

Description

This course introduces students to the social issues related to juvenile justice by applying a philosophical and sociological lenses. The course reviews the central reasons for society's treatment and understanding of juvenile offenders. The philosophical roots of belief systems regarding practices and treatment of juvenile offenders will be explored by completing a historical analysis of juvenile law and punishment. Philosophical and sociological theoretical models are applied to understand the causes of criminal behavior by examining the social factors that influence and shape belief systems and behaviors. Finally, the course concludes by examining theories for prevention of juvenile crime by understanding the interdependent role between juvenile justice systems and society, which will be demonstrated through a learning product, project, or presentation.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

PHIL-103 or SOC-101

Type
Prerequisite

PHIL-103 or SOC-101

Take PHIL-103 or SOC-101;

INTR250E - Writing in the Wild: Literature and Language of Natural Spaces

Overview

Description

This course explores various frameworks writers have used to contemplate and respond to natural spaces. Students will be encouraged to situate themselves as individuals and as a community within these frameworks and to create their own texts in response to the natural spaces around them both independently and collaboratively. Using the lenses of literature, ethics, and political discourse, students will encounter different ways of seeing natural spaces, and then will venture into nature to draft their own individual and collaborative creative texts in response to what they see while looking through these same lenses.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR250G - Teaching and Learning in the Outdoors

Overview

Description

This course explores how humans' interests, attitudes, beliefs and skills are developed outside the walls of a schoolroom. Topics include: experiential learning, teaching, lesson design, assessment, quality assurance, safety, patterns of learning and development, standards, and ethical considerations for experiential education. The key question students will investigate: How do people teach and learn outside of the traditional classroom? In the process of active inquiry, students will be exposed to a diverse array of disciplines and apply knowledge gained to collaboratively design and implement a developmentally appropriate and challenging outdoor learning experience for others.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR250O - Leadership in Interprofessional Healthcare

Overview

Description

This course prepares students across disciplines to work collaboratively to address issues in healthcare. Students will analyze how various forces in healthcare drive change. Topics include economics, evidence-based practice, quality improvement, and a culture of safety. Students will work collaboratively to solve problems in patient case studies and examine contributions across disciplines. Students will reflect on their learning processes and how they can utilize communication, teamwork, leadership, and change management skills effectively to contribute to solving issues.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR250P - Common Read

Overview

Description
This course focuses on the Common Read, a book chosen to facilitate the exploration of a two-year campus-wide theme. It provides an opportunity for students and the campus community to engage in a shared subject of importance. It is complemented by interactive campus events throughout the year, fostering intellectual and community engagement. The emphasis of the course will vary depending on the faculty teaching it, reflecting their disciplinary expertise, and the selected materials adopted for exploration of the book.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR250Q - Honors in Action

Overview

Description
This course will explore leadership, research, writing, and service learning strategies within the framework of a major interdisciplinary, collaborative project. Students will investigate, plan, and research a topic of inquiry within a broad frame of issues confronting humanity, such as justice, identity, creativity, economics, or technology. They will review the research conclusions to develop and implement an action project that engages campus and outside communities and will assess and reflect upon the process of collaborative research and the impact of the community project. The course follows the Phi Theta Kappa honors society's Honors In Action project.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR250R - 250 Years of Protest

Overview

Description

This course examines social/political protest in the United States. When does a protest qualify as civil disobedience? Are some protests that go beyond civil disobedience morally justified? Students will be exposed to a wide diversity of subject matter and perspectives by exploring the spectrum of protest tactics from picketing and petitioning, through civil disobedience and radical activism. Examples include the Boston Tea Party, anti-war protests, PETA, anthem kneeling. Using the lenses of philosophy, literature, political science, and journalism, students will analyze such examples of protest and how the media covered them. Ultimately, students will apply theory from classic civil disobedience literature and moral philosophy to determine which ones are morally justified.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR250S - The Health Benefits of Nature

Overview

Description

This integrative course explores how spending time in nature can help relieve stress and anxiety, improve concentration, and boost feelings of happiness and wellbeing. Students will learn the physiological and psychological benefits of time spent in nature.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR250U - Science Fiction

Overview

Description
This integrative inquiry seminar explores themes in science fiction through literature and cinema arts. From early literary works such as Mary Wollstonecraft Shelley's Frankenstein; or The Modern Prometheus to more resent films like Ridley Scott's Prometheus, humanity's questions about science and technology generate imagined dystopias and utopias, reflecting visions of the future.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR250W - The Meaning of Life

Overview

Description
This course examines multiple responses to the timeless question, "What is the meaning of life?" Is there meaning or purpose built into the universe? How have humans answered this question over the centuries? Is there a god? If not, how does that affect our worldview? How can philosophy, science, and literature inform our worldview? Students will be exposed to a wide diversity of subject matter and perspectives by exploring various mythological, religious, philosophical, literary, and scientific approaches to these questions.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR250X - Resilience in Today's World

Overview

Description

This course employs neuroscience, mindfulness, and positive psychology to develop twelve vital inner strengths to feel less stressed, pursue opportunities with confidence, and stay calm and centered in the face of adversity. The course will focus on recognizing what is true in compassion, mindfulness, and learning. Topics will include resourcing ourselves and developing grit, gratitude, and confidence. Students will learn to focus on regulating their thoughts, feelings, and actions and developing calmness, motivation, and intimacy in their lives. Students will be able to relate skillfully to others and to the wider world, beginning with courage in communicating with others, aspiration, and generosity.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR250Z - Innovating for the Real World

Overview

Description

This course provides students with the opportunity to explore community problems and develop innovative solutions through a collaborative and human-centered approach. Students will be exposed to the design thinking process to help facilitate understanding, analysis, research, application, and review of the course-specific problem and proposed solutions. The course will be team taught by multiple faculty from different disciplines who will help facilitate an interdisciplinary understanding of the problem explored. In the process, students will be exposed to a range of disciplines and complete a community-based research project that connects to the course topic. Emphasis will be placed on students further developing durable skills through participating in meaningful experiential learning opportunities and engaging with community stakeholders. The emphasis of the course will vary depending on the faculty teaching it.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

30 Credits

Type
Prerequisite

30 credits (level 100 or higher)

Take 30 credits; Minimum grade C-; From Levels 100 200 300;

INTR299 - Interdisciplinary Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
6

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

IRAA100 - AC/DC Electrical Concepts

Overview

Description
This course introduces the basic concepts of electrical theory as they apply to AC and DC circuits. Electrical measurements of voltage, current, and resistance are explained and applied in the lab to series, parallel, and series-parallel circuits. Concepts of power, energy, inductance, capacitance, and the phasor relationship between electrical signals are discussed and used in the lab setting to analyze, troubleshoot, and describe the operation of circuits, motors, and generators.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

IRAA101 - Industr Safety for Robotics & Automation

Overview

Description
This course introduces OSHA-aligned industrial safety practices for modern manufacturing and automation environments. Students learn to recognize and control workplace hazards using OSHA General Industry standards (29 CFR 1910) as a framework, with special emphasis on automated systems. Topics include hazard recognition, machine guarding, lockout/tagout, electrical safety, and personal protective equipment (PPE). Applied modules focus on safe work practices around industrial robots, robotic cells, conveyors, and energized equipment.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

IRAA105 - Intro to Programmable Logic Controllers

Overview

Description
This introductory course is designed for students with little or no background in industrial automation or PLCs. Students learn what a PLC is, why it is used in industry, and how it fits into modern robotic and automated systems. Through lecture and a highly hands-on lab, students will wire basic I/O devices, create and test ladder logic programs, and safely operate simple automated processes. Emphasis is placed on understanding real-world applications, reading basic electrical diagrams, and building confidence with PLC programming software and hardware.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Corequisite

Type
Corequisite

IRAA-110

Take IRAA-110;

IRAA110 - Industrial Networks & Cybersecurity

Overview

Description

This course introduces the principles and practices of industrial networking and cybersecurity in modern robotics and automation environments. Students explore how PLCs, robots, sensors, HMIs, and SCADA systems communicate over industrial Ethernet and fieldbus networks, and how to protect these systems from cyber threats. Topics include network architecture, IP addressing and subnetting, switches and VLANs, industrial protocols (such as EtherNet/IP, PROFINET, and Modbus TCP), secure remote access, and defense strategies for industrial control systems. Through hands-on labs, students will configure and troubleshoot industrial networks and apply basic cybersecurity tools and best practices to maintain safe, reliable, and resilient production systems.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Corequisite

Type
Corequisite

IRAA-105

Take IRAA-105;

IRAA115 - Introduction to Python Programming

Overview

Description

This course provides an introduction to Python programming and problem-solving. Students will learn and apply foundational computing concepts, including variables, loops, functions, conditionals, data types, File I/O, and object-oriented programming paradigms. The use of LLMs and prompt engineering to provide high-quality results will be explored. Additionally, students will gain knowledge and practice with several popular Python packages, including matplotlib and numpy.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

IRAA120 - Introduction to Robotics

Overview

Description
This course introduces the principles, technologies, and robotics applications in industrial automation. It discusses the design, programming, and operation of robotic systems used in manufacturing, material handling, and assembly. This includes lab activities to enhance the understanding and application of robot programming.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisite

Type
Prerequisite

IRAA-105

Take IRAA-105;

Corequisite

Type
Corequisite

IRAA-115

Take IRAA-115;

IRAA205 - Adv Prog Logic Controllers Programming

Overview

Description
This advanced course builds on introductory PLC skills and focuses on using PLCs for complex, real-time control applications. Students will work in the lab to program advanced instructions, configure analog I/O, and implement feedback loops for closed-loop control. Topics include PID control, servo and stepper motion control, VFD (Variable Frequency Drive) integration, and industrial networking. Students will design, wire, program, and troubleshoot complete control systems that coordinate sensors, actuators, drives, and PLC logic for precise motion and process control.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Prequisite

Type
Prerequisite

IRAA-105

Take IRAA-105;

Corequisite

Type
Corequisite

IRAA-210

Take IRAA-210;

IRAA206 - Plc Fault Control and Data Management

Overview

Description

This course explores techniques for diagnosing, troubleshooting, preventing, and managing faults in Programmable Logic Controllers (PLCs). Students will gain experience troubleshooting physical and software problems as they might experience them in the field. Software techniques will be examined to build more robust systems that are hardened against different types of failures. Best practices will be explored for PLC-to-PLC communication and data historians to collect, store, and analyze data from PLCs. During lab students will apply theory directly to physical hardware to put theory into practice.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisite

Type
Prerequisite

IRAA-205

Take IRAA-205;

IRAA210 - Motor Controls and Drive Systems

Overview

Description

This course introduces the principles, components, and applications of industrial motor control and drive systems used in modern automation and robotics. Students will learn how to identify, wire, and troubleshoot single-phase and three-phase motors, design and analyze control circuits, and configure electronic drives for variable speed and position control. Emphasis is placed on motor protection, control logic, and integration with PLCs and automation equipment. Topics include across-the-line starting, reversing, interlocking, overload protection, Variable Frequency Drives (VFDs), and servo and stepper systems. Hands-on labs reinforce safe work practices, lockout/tagout, wiring skills, and systematic troubleshooting methods.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisite

Type
Prerequisite

IRAA-100

Take IRAA-100;

Corequisite

Type
Corequisite

IRAA-205

Take IRAA-205;

IRAA215 - Manufacturing I

Overview

Description
This course introduces the principles of automated hardware and systems. It discusses the design, operation, and maintenance of manufacturing lines. This course includes lab activities that provide experiential learning experiences.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisites

Type
Prerequisite

IRAA-115 and IRAA-120

Take IRAA-115 IRAA-120;

Corequisites

Type
Corequisite

IRAA-205

Take IRAA-205;

IRAA216 - Manufacturing II

Overview

Description
This course continues learning the principles of automated manufacturing utilizing industrial manufacturing hardware and systems. It discusses techniques and hardware used in manufacturing lines. Manufacturing Execution Systems and LEAN manufacturing topics are discussed. This course includes lab activities that provide experiential learning experiences.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisite

Type
Prerequisite

IRAA-215

Take IRAA-215;

IRAA260 - Robotic Cnc Machine Tending

Overview

Description
This course provides students with hands-on experience operating industrial robots in coordination with CNC machine centers. Students learn safe tending procedures, robot programming, I/O Mapping, fixturing, end-of-arm tooling, and CNC-robot handshaking using M-Codes and digital signals. This course emphasizes real-world automation practices, troubleshooting, and full cycle load/unload operations used in modern manufacturing.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisites

Type
Prerequisite

IRAA-120 and IRAA-205

Take IRAA-120 IRAA-205;

IRAA270 - Manufacturing Capstone

Overview

Description
This is a required course that acts as a final project to demonstrate the skills learned in the Robotics and Automation program. Project management, report writing skills, and presentation skills are included. Students may select projects in the area of Manufacturing Execution Systems, Food Processing, Precision Agriculture, or Robotic Welding.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisite

Type
Prerequisite

IRAA-215

Take IRAA-215;

Corequisite

Type
Corequisite

IRAA-260

Take IRAA-260;

JAPN101 - Elementary Japanese I

Overview

Description
This course includes the introductory study of vocabulary, grammar, and pronunciation. It emphasizes the development of proficiencies in speaking, reading, listening, and writing. Students will enhance their understanding of the language, culture, and geography of the Japanese world.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

JAPN102 - Elementary Japanese II

Overview

Description
This course is a continuation of JAPN-101, emphasizing further development of basic language fluency. A laboratory is included in the course.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

JAPN-101

Type
Prerequisite

JAPN-101

Take JAPN-101(9152) or JAPN-101(9190); Minimum grade C-;

JAPN201 - Intermediate Japanese I

Overview

Description
This course further develops Japanese fluency with emphasis on conversation, reading, grammar, and composition. The culture and literature of Japan are included. This course provides continuation and refinement of language skills and greater depth in the study of cultural aspects.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

JAPN-102

Type
Prerequisite

JAPN-102

Take JAPN-102; Minimum grade C-;

JAPN202 - Intermediate Japanese II

Overview

Description
This course is a continuation of JAPN-201 and provides additional training in the acquisition and application of basic language skills and culture.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

JAPN-201

Type
Prerequisite

JAPN-201

Take JAPN-201; Minimum grade C-;

LAWE159 - Introduction to POST and Law

Overview

Description
This course introduces students to Idaho POST approved and required topics regarding the human dimensions of the police profession, including ethics and professionalism. Students will gain a basic understanding of federal, state, and local laws and learn how to apply that knowledge as a police officer on patrol. The student will review all police laws related to the U.S. Constitution, Idaho Codes, rules of evidence, criminal law, arrest, and search and seizure. This knowledge will allow graduates of the program to determine traffic offenses, probable cause for arrest, and how to process criminal cases.

Credit Hours:
1

LAWE160 - Basic Police Law and Prof Orientation II

Overview

Description
This course exposes students to Idaho POST approved and required topics regarding the human dimensions of the police profession, including ethics, professionalism, effective communication, health and fitness, first-aid, and crime prevention. Students will gain a basic understanding of federal, state, and local laws and learn how to apply that knowledge as a police officer on patrol through more than 40 hours of basic police law related to the U.S. Constitution and Idaho Codes, rules of evidence, criminal law, arrest, and search and seizure. This knowledge will allow graduates of the program to determine traffic offenses, probable cause for arrest, and how to process criminal cases, while understanding the human element of public service and the importance of mental and physical well being.

Credit Hours:
6

Offering Cycle
Fall Only

Yearly Cycle
All Years

LAWE161 - Basic Police Law and Prof Orientation I

Overview

Description
This course exposes students to Idaho POST approved and required topics regarding the human dimensions of the police profession, including ethics, professionalism, effective communication, health and fitness, first-aid, and crime prevention. Students will gain a basic understanding of federal, state, and local laws and learn how to apply that knowledge as a police officer on patrol through more than 40 hours of basic police law related to the U.S. Constitution and Idaho Codes, rules of evidence, criminal law, arrest, and search and seizure. This knowledge will allow graduates of the program to determine traffic offenses, probable cause for arrest, and how to process criminal cases, while understanding the human element of public service and the importance of mental and physical well-being.

Credit Hours:
7

Offering Cycle
SPR

Yearly Cycle
All Years

LAWE162 - Police Procedures and Investigations

Overview

Description
This course covers basic, routine patrol procedures and techniques for responding to calls for service and crimes in progress. This includes response to routine calls for service, armed robberies, prowler calls, hostage situations, and domestic disputes as well as conducting unknown-risk, high-risk, and felony traffic stops. The investigative component of this course provides theory, techniques, and procedures for the investigation of traffic crashes, auto theft, burglary, sexual assault, financial crimes, juvenile crimes, allegations of child abuse, DUI situations, traffic situations and control, and suspicious deaths. It also includes techniques and procedures for drug identification and investigation, protection and processing of crime scenes, collecting evidence, fingerprinting, interview and interrogation, death notification, and emergency water safety.

Credit Hours:
8

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

LAWE163 - Enforcement and Field Skills for Patrol Officers

Overview

Description
This course provides students the opportunity to practice and use skills learned throughout the academy lecture and practical exercises. Simulations and exercises include emergency driving, officer survival, crime scene investigation, search warrant application, traffic stops, arrest situations, building searches, and domestic disputes. Students will also receive hands-on training in handgun retention, defensive tactics/arrest and control techniques, handcuffing techniques, use of force, baton training, pepper spray training, Conducted Energy Device, people searches, firearms liability, safety, inspection and maintenance, basic marksmanship, day and night range practice, and handgun, rifle, and shotgun qualifications.

Credit Hours:
7

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

LAWE164 - Basic Detention Law and Professional Orientation

Overview

Description
This course exposes students to Idaho POST approved and required topics regarding the human dimensions of the sworn deputy profession, which include ethics, patrol investigations, laws of arrest, and how to apply state and local laws in a detention setting. Students will gain knowledge of both patrol and jail procedures through more than 90 hours of basic law enforcement training related to Idaho jail standards, jail liability issues, criminal law, rules of arrests, and search and seizure. Students will learn how to determine criminal offenses, investigate criminal acts, and recognize prohibited contact in a detention facility, while also being able to recognize the human element of public service and the importance of mental and physical well-being.

Credit Hours:
6

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

LAWE-165

Type
Corequisite

LAWE-165

Take LAWE-165;

LAWE165 - Enforcement and Field Skills for Detention Deputies

Overview

Description
This course provides students the opportunity to practice and utilize skills learned in both lecture and practical exercises. These skills include the appropriate process for escalation and de-escalation of force, basic tactical medical knowledge, and demonstrating law enforcement knowledge necessary to fulfill the role of a detention office through various training scenarios. Students receive hands-on training in proper techniques and practices of safe handgun retention, defensive tactics, arrest and control techniques, handcuffing of a suspect, and self-defense implements such as expandable batons, pepper spray, electroshock weapons, and firearms.

Credit Hours:
8

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

LAWE-164

Type
Corequisite

LAWE-164

Take LAWE-164;

LAWE166 - Enforcement/Field Skills Patrol Off II

Overview

Description
This course provides students the opportunity to practice and use skills learned throughout the academy lecture and practical exercises. Simulations and exercises include emergency driving, officer survival, crime scene investigation, search warrant application, traffic stops, arrest situations, building searches, and domestic disputes. Students will also receive hands-on training in handgun retention, defensive tactics/arrest and control techniques, handcuffing techniques, use of force, baton training, pepper spray training, Conducted Energy Device, people searches, firearms liability, safety, inspection and maintenance, basic marksmanship, day and night range practice, and handgun, rifle, and shotgun qualifications.

Credit Hours:
6

Offering Cycle
SPR

Yearly Cycle
All Years

LAWE167 - Arrest Control and POST Challenge

Overview

Description
This course provides students the opportunity to practice and use skills learned throughout the academy lecture and practical exercises. Demonstrate arrest and control (ARCON), correct use of personal self-defense tactics and self-defense implements such as expandable batons, pepper spray, electroshock weapons, and firearms. Discussion of Financial Body Armour and maintaining life balances in law enforcement. Complete the POST challenge evaluation as the summation of a candidates training and education in pursuit of becoming a Idaho certified law enforcement officer.

Credit Hours:
1

Offering Cycle
Summer Only

Yearly Cycle
All Years

MACH150 - Machining Technology Theory I

Overview

Description
This course consists of learning machining related terminology, measuring systems, measuring tool usage, cutter types, and cutter geometry. Some of the instruments used are hand tools, measuring instruments, lathes, mills, and bench grinders. Students will use shop math for problem solving.

Credit Hours:
6

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MACH-151L

Type
Corequisite

MACH-151L

Take MACH-151L;

MACH-171

Type
Corequisite

MACH-171

Take MACH-171;

MCTE-105

Type
Corequisite

MCTE-105

Take MCTE-105;

MACH151L - Machining Technology Lab I

Overview

Description
This course consists of machining projects designed to promote machining skills on all shop machinery and hand tools. Projects are graded to assure that blueprint tolerances are met. Skills learned in theory sessions are transferred to the lab through projects. CNC operation and set-up including G-Code reading and writing is practiced during this lab as well.

Credit Hours:
6

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MACH-150

Type
Corequisite

MACH-150

Take MACH-150;

MACH-171

Type
Corequisite

MACH-171

Take MACH-171;

MCTE-105

Type
Corequisite

MCTE-105

Take MCTE-105;

MACH152L - Machining Technology Lab II

Overview

Description

This course incorporates machining projects designed to promote machining skills on all shop machinery and hand tools related to industry. Projects are graded to assure students are meeting skills and competencies demanded by industry. Skills learned in theory sessions are transferred to the lab through projects. CNC operation and set-up including G-Code reading and writing is practiced during this lab as well. This course has the option of Partnered Training (cooperative education) path. If criteria is met, the student may be eligible for this option.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MCTE-105

Type
Prerequisite

MCTE-105

Take MCTE-105; Minimum grade C-;

MACH-150

Type
Prerequisite

MACH-150

Take MACH-150; Minimum grade C-;

MACH-151L

Type
Prerequisite

MACH-151L

Take MACH-151L; Minimum grade C-;

MACH-171

Type
Prerequisite

MACH-171

Take MACH-171; Minimum grade C-;

MACH-160

Type
Corequisite

MACH-160

Take MACH-160;

MACH-172

Type
Corequisite

MACH-172

Take MACH-172;

MACH160 - Manufacturing Processes

Overview

Description
This course is a continuation of MACH-150 learning more advanced machining concepts, techniques and set-ups, with an emphasis placed on project planning and execution. Students will use shop math for problem solving and project planning. Students will also learn to read and write G-code along with controller functions.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MACH-150

Type
Prerequisite

MACH-150

Take MACH-150; Minimum grade C-;

MACH-151L

Type
Prerequisite

MACH-151L

Take MACH-151L; Minimum grade C-;

MACH-171

Type
Prerequisite

MACH-171

Take MACH-171; Minimum grade C-;

MCTE-105

Type
Prerequisite

MCTE-105

Take MCTE-105; Minimum grade C-;

MACH-152L

Type
Corequisite

MACH-152L

Take MACH-152L;

MACH-172

Type
Corequisite

MACH-172

Take MACH-172;

MACH171 - Blueprint Reading

Overview

Description
This course is an introduction to identifying blueprint information needed to produce a machined part through the interpretation of lines, symbols, and numbers as shown on two and three view orthographic drawings. During the discussion of tolerances, basic geometric dimensioning and tolerancing will be introduced.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MACH-150

Type
Corequisite

MACH-150

Take MACH-150;

MACH-151L

Type
Corequisite

MACH-151L

Take MACH-151L;

MCTE-105

Type
Corequisite

MCTE-105

Take MCTE-105;

MACH172 - Blueprint Reading II

Overview

Description
This course is a continuation of MACH-171 with an emphasis on more complex prints, geometric dimensioning, and tolerancing. Interpreting blueprints with more advanced concepts concepts needed to produce machined parts.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MACH-171

Type
Prerequisite

MACH-171

Take MACH-171; Minimum grade C-;

MACH-152L

Type
Corequisite

MACH-152L

Take MACH-152L;

MACH-160

Type
Corequisite

MACH-160

Take MACH-160;

MACH201 - Design for Manufacturing

Overview

Description
This course will expose Computer Aided Design Technology - Mechanical students to basic manufacturing processes, concepts, and principles that will help prepare them with skills needed in the mechanical design industry. Students will be exposed to various manufacturing methods including machining, casting, welding, prototyping, and composites.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

MACH230 - Tools in Manufacturing

Overview

Description
This course covers basic manufacturing related terminology, safety, measuring systems, usage of measuring tools, cutting tools and cutting tool geometry used in manufacturing. Students will become familiar with hand tools, precision measuring instruments, lathes, mills, and bench grinders.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

MACH234 - Computers in Machining

Overview

Description
This course is designed to provide students with extensive experience with CAD/CAM systems. Students will use PCs to prepare for employment in the computerized manufacturing workplace with the opportunity to become certified in Master CAM Mill. Students will also explore other software applications commonly used in the workplace.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

MACH253L - Computer Numerical Control Lab

Overview

Description
This course is a hands-on learning experience using tools and techniques discussed in MACH-130 and MACH-283. Students will develop code for and gain experience on such machines as CNC lathes and CNC mills.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MACH-283

Type
Corequisite

MACH-283

Take MACH-283;

MACH254L - Advanced Computer Numerical Control Lab

Overview

Description
This course offers hands-on experience under work-like conditions and in depth CNC and manual projects that build on skills acquired in MACH-253L. Upon successful completion of this course, students should have the necessary skills to be employed as an entry level CNC machinist.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MACH-234

Type
Prerequisite

MACH-234

Take MACH-234; Minimum grade C-;

MACH-253L

Type
Prerequisite

MACH-253L

Take MACH-253L; Minimum grade C-;

MACH-283

Type
Prerequisite

MACH-283

Take MACH-283; Minimum grade C-;

MACH-284

Type
Corequisite

MACH-284

Take MACH-284;

MACH273 - Blueprints in Manufacturing

Overview

Description
This course will teach students to interpret drawings, sketches, and blueprints as wells as create drawings with dimensions and information necessary to complete projects. Application of section views, detailed views, complex drawings, and methods of drawing parts to illustrate features will also be examined.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

MACH274 - Geometric Dimensioning and Tolerancing

Overview

Description
This course introduces students to the concepts used in the machine trades known as geometric dimensioning and tolerancing. It builds on prior knowledge of blueprints and machined parts and applies that knowledge to "geometric toleranced" drawings. Students will learn the terminology and definitions of geometric dimensioning and tolerancing and how to apply its concepts.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

MACH283 - Computer Numerical Control

Overview

Description
This course introduces students to the standard practices and methods used in CNC machining for the CNC lathe and CNC milling machine. Students will be familiarized with the different types of controls and machines. Students will also learn basic programming, setup, and part production.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MACH-253L

Type
Corequisite

MACH-253L

Take MACH-253L;

MACH284 - Advanced Numerical Control

Overview

Description
This course will teach students more complex methods and setups as well as be exposed to other types of CNC machines. They will also learn precision grinding and finishing skills, tool and cutter grinding, fixturing, and production planning.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MACH-234

Type
Prerequisite

MACH-234

Take MACH-234; Minimum grade C-;

MACH-253L

Type
Prerequisite

MACH-253L

Take MACH-253L; Minimum grade C-;

MACH-283

Type
Prerequisite

MACH-283

Take MACH-283; Minimum grade C-;

MACH-254L

Type
Corequisite

MACH-254L

Take MACH-254L;

MACH299 - Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

MAST100 - Phlebotomy

Overview

Description
This course provides the student with the knowledge and skills needed for specimen collection in healthcare facilities. The fundamentals of blood drawing and testing will be taught. Students will be performing multiple venous and capillary blood withdrawal techniques. Students will be trained in blood testing that is commonly used in healthcare facilities. Phlebotomy and laboratory quality control measures will be emphasized throughout this course. The use of aseptic technique and universal precaution procedures will be taught as a standard element of all procedures.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

MAST102 - Clinical Skills for Medical Assistants I

Overview

Description
This course is an introduction to the clinical aspect of medical assisting. Students will become familiar with a physician's clinical office environment and use of equipment. Clinical procedures include selecting appropriate PPEs, workplace safeguards, handwashing, preparing for minor office surgeries, and sterilization techniques. The use of aseptic technique and universal precaution procedures will be emphasized throughout the course. Written and verbal communication skills, charting methodologies, and patient education will be utilized.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

Biology Requirement

Type
Prerequisite

BIOL-175 or BIOL-227 and BIOL-228

Take 1 group; # Take BIOL-175; Minimum grade C; # Take BIOL-227 BIOL-228; Minimum grade C;

MAST-103

Type
Corequisite

MAST-103

Take MAST-103; Minimum grade C;

MAST-104

Type
Corequisite

MAST-104

Take MAST-104; Minimum grade C;

MAST103 - Clinical Skills for Medical Assistants II

Overview

Description

This course is an introduction to the clinical aspect of medical assisting. Students will become familiar with a physician's clinical office environment and use of equipment. Clinical procedures include vital signs, eye and ear examinations, rooming of patients including a complete physical examination and the use of physical agents to promote healing. Common pathologies for each system will be studied. Written and verbal communication skills, charting methodologies, and patient education will be utilized.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

Biology Requirement

Type
Prerequisite

BIOL-175 or BIOL-227 and BIOL-228

Take 1 group; # Take BIOL-175; Minimum grade C; # Take BIOL-227 BIOL-228; Minimum grade C;

MAST-102

Type
Corequisite

MAST-102

Take MAST-102; Minimum grade C;

MAST-104

Type
Corequisite

MAST-104

Take MAST-104; Minimum grade C;

MAST104 - Clinical Skills for Medical Assistants III

Overview

Description

This course is an introduction to the clinical aspect of medical assisting. Students will become familiar with a physician's clinical office environment and use of equipment. How to handle medical office emergencies will be discussed. Clinical procedures include using previously learned skills and first aid in preventative and emergency situations. Students will learn the proper storage, handling and disposal of chemicals and regulated waste. Written and verbal skills, charting methodologies, and patient education will be utilized.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

Biology Requirement

Type
Prerequisite

BIOL-175 or BIOL-227 and BIOL-228

Take 1 group; # Take BIOL-175; Minimum grade C; # Take BIOL-227 BIOL-228; Minimum grade C;

MAST-102

Type
Corequisite

MAST-102

Take MAST-102; Minimum grade C;

MAST-103

Type
Corequisite

MAST-103

Take MAST-103; Minimum grade C;

MAST112 - Administrative Skills for Medical Assistants I

Overview

Description

This course introduces students to the components of the administrative aspects of work in a physician's office, medical clinic, and other health care facilities. Students will learn the requirements to become a medical assistant and the role they perform as a member of the health care team. Operational tasks such as telephone technique, written and verbal communication skills, mail, charting methodologies, and patient education will be utilized.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-113

Type
Corequisite

MAST-113

Take MAST-113; Minimum grade C;

MAST-114

Type
Corequisite

MAST-114

Take MAST-114; Minimum grade C;

MAST113 - Administrative Skills for Medical Assistants II

Overview

Description

This course introduces students to the components of the administrative aspects of work in a physician's office. Students will learn the requirements to become a medical assistant and the role they perform as a member of the health care team. A variety of operational tasks such as reception duties, telehealth, community referrals, and managing patient appointments will be taught. Maintaining manual and electronic medical records will be performed. Written and verbal communication skills, charting methodologies, and patient education will be utilized.

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-112

Type
Corequisite

MAST-112

Take MAST-112; Minimum grade C;

MAST-114

Type
Corequisite

MAST-114

Take MAST-114; Minimum grade C;

MAST114 - Administrative Skills for Medical Assistants III

Overview

Description

This course introduces students to the components of the administrative aspects of work in a physician's office. Students will learn the medicolegal requirements to becoming a medical assistant and the role they perform as a member of the health care team. Medicolegal impacts of various tasks performed in the office and how to report misconduct will be taught. Legally and ethically maintaining/ protecting medical records will be addressed. Written and verbal communication skills, charting methodologies, and patient education will be utilized.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-112

Type
Corequisite

MAST-112

Take MAST-112; Minimum grade C;

MAST-113

Type
Corequisite

MAST-113

Take MAST-113; Minimum grade C;

MAST180 - Introduction to Human Disease

Overview

Description

This course will present students with the basic concepts of diseases and their courses and functional disturbances as they relate to body systems. Included are the precipitating risk factors, treatment protocols, and appropriate methods of patient education regarding various disease processes.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-175

Type
Prerequisite

BIOL-175 or BIOL-227 and BIOL-228

Take 1 group; # Take BIOL-175; Minimum grade C; # Take BIOL-227 BIOL-228; Minimum grade C-;

CAOT-179

Type
Corequisite

CAOT-179

Take CAOT-179;

MAST202 - Clinical Skills for Medical Assistants IV

Overview

Description

Using body systems as a framework, students will learn specific health testing procedures utilized in physician's offices, outpatient facilities, and hospital settings. Students will learn the medical assistant's role in assisting with adult and child nutritional/dietary need based on disease states. Students will recognize age and gender nutritional needs. Training in blood borne pathogens will be included.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-102

Type
Prerequisite

MAST-102

Take MAST-102; Minimum grade C;

MAST-103

Type
Prerequisite

MAST-103

Take MAST-103; Minimum grade C;

MAST-104

Type
Prerequisite

MAST-104

Take MAST-104; Minimum grade C;

MAST-203

Type
Corequisite

MAST-203

Take MAST-203; Minimum grade C;

MAST-204

Type
Corequisite

MAST-204

Take MAST-204; Minimum grade C;

MAST203 - Clinical Skills for Medical Assistants V

Overview

Description

Using body systems as a framework, students will learn specific health testing procedures utilized in physician's offices, outpatient facilities, and hospital settings. Students will learn the medical assistant's role in assisting with adult and child clinical testing. Training will include equipment maintenance, quality control and procedures used in testing. Students will recognize age and gender specific normal ranges for different tests.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-102

Type
Prerequisite

MAST-102

Take MAST-102; Minimum grade C;

MAST-103

Type
Prerequisite

MAST-103

Take MAST-103; Minimum grade C;

MAST-104

Type
Prerequisite

MAST-104

Take MAST-104; Minimum grade C;

MAST-202

Type
Corequisite

MAST-202

Take MAST-202; Minimum grade C;

MAST-204

Type
Corequisite

MAST-204

Take MAST-204; Minimum grade C;

MAST204 - Clinical Skills for Medical Assistants VI

Overview

Description

Using body systems as framework, students will learn specific health testing, procedures, and treatments utilized in physician's offices, outpatient facilities, and hospital settings. Students will learn the medical assistant's role in assisting with adult and child health and wellness/illness examinations. Training will include equipment maintenance, quality control and procedures used in testing, and treatments performed in outpatient facilities. Students will recognize age and gender specific normal ranges for different tests.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-102

Type
Prerequisite

MAST-102

Take MAST-102; Minimum grade C;

MAST-103

Type
Prerequisite

MAST-103

Take MAST-103; Minimum grade C;

MAST-104

Type
Prerequisite

MAST-104

Take MAST-104; Minimum grade C;

MAST-202

Type
Corequisite

MAST-202

Take MAST-202; Minimum grade C;

MAST-203

Type
Corequisite

MAST-203

Take MAST-203; Minimum grade C;

MAST206 - Administration of Medication I

Overview

Description

This course provides the knowledge and skills necessary to safely administer medications in the ambulatory care setting. Students will define the principles of pharmacology and utilize standard math conversions in calculating medication dosages. Students will be complying with HIPAA and OSHA regulations, charting methodologies, and communication skills acquired in previous Medical Assistant courses. Students will be able to identify the top 50 drugs including their action(s), contraindications, schedule, pregnancy category, dosage range and patient education.

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-102

Type
Prerequisite

MAST-102

Take MAST-102; Minimum grade C;

MAST-103

Type
Prerequisite

MAST-103

Take MAST-103; Minimum grade C;

MAST-104

Type
Prerequisite

MAST-104

Take MAST-104; Minimum grade C;

MAST207 - Administration of Medication II

Overview

Description

This course provides the knowledge of skills necessary to safely administer medication in the ambulatory care setting. The use of aseptic technique and universal precautions procedures will be emphasized throughout the course. Students will be expected to demonstrate proper administration of medications while complying with HIPAA and OSHA regulations, charting methodologies, and communication skills acquired in previous Medical Assistant courses.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-206

Type
Corequisite

MAST-206

Take MAST-206; Minimum grade C;

MAST212 - Administrative Skills for Medical Assistants IV

Overview

Description

This course builds on prior foundational knowledge to provide students with more in-depth understanding of the administrative aspects of working in a medical office environment. Students will learn the medical assistant's role in medical records management using paper and electronic formats. The course provides an introduction to health care billing systems, medical office bookkeeping systems, and banking services.

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-112

Type
Prerequisite

MAST-112

Take MAST-112; Minimum grade C;

MAST-113

Type
Prerequisite

MAST-113

Take MAST-113; Minimum grade C;

MAST-114

Type
Prerequisite

MAST-114

Take MAST-114; Minimum grade C;

MAST-213

Type
Corequisite

MAST-213

Take MAST-213; Minimum grade C;

MAST-214

Type
Corequisite

MAST-214

Take MAST-214; Minimum grade C;

MAST213 - Administrative Skills for Medical Assistants V

Overview

Description

This course builds on prior foundational knowledge to provide students with a more in-depth understanding of the administrative aspects of working in a medical office environment. The course provides an introduction to ICD and CPT coding, health insurance programs, and health care billing systems. The students will learn how to code for diagnoses, procedures and make sure there is agreement between these codes when filing claims.

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-112

Type
Prerequisite

MAST-112

Take MAST-112; Minimum grade C;

MAST-113

Type
Prerequisite

MAST-113

Take MAST-113; Minimum grade C;

MAST-114

Type
Prerequisite

MAST-114

Take MAST-114; Minimum grade C;

MAST-212

Type
Corequisite

MAST-212

Take MAST-212; Minimum grade C;

MAST-214

Type
Corequisite

MAST-214

Take MAST-214; Minimum grade C;

MAST214 - Administrative Skills for Medical Assistants VI

Overview

Description

This course builds on prior foundational knowledge to provide students with a more in-depth understanding of the administrative aspects of working in a medical office environment. Students will learn the medical assistant's role in managing inventories, personnel, and interviewing. Students will engage in job preparation activities such as job search, completing applications, creating a resume, and mock interviews.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-112

Type
Prerequisite

MAST-112

Take MAST-112; Minimum grade C;

MAST-113

Type
Prerequisite

MAST-113

Take MAST-113; Minimum grade C;

MAST-114

Type
Prerequisite

MAST-114

Take MAST-114; Minimum grade C;

MAST-212

Type
Corequisite

MAST-212

Take MAST-212; Minimum grade C;

MAST-213

Type
Corequisite

MAST-213

Take MAST-213; Minimum grade C;

MAST230 - Certified Medical Assistant Exam Review

Overview

Description
This course is designed to review the entire Medical Assistant program in preparation for the national CMA examination. Students will be able to identify and analyze information in the cognitive, affective and psychomotor domains of General, Administrative and Clinical knowledge of Medical Assisting.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-204

Type
Prerequisite

MAST-204

Take MAST-204; Minimum grade C;

MAST-207

Type
Prerequisite

MAST-204

Take MAST-204; Minimum grade C;

MAST-214

Type
Prerequisite

MAST-214

Take MAST-214; Minimum grade C;

MAST-290

Type
Corequisite

MAST-290

Take MAST-290;

MAST290 - Medical Assistant Externship

Overview

Description
This course provides opportunities to observe, perform, and discuss various administrative and clinical competencies under supervision, with learning experiences obtained in selected physician's offices, clinics, or hospitals. The externship is a supervised, 180 contact hour work experience course.

Credit Hours:
5

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MAST-204

Type
Prerequisite

MAST-204

Take MAST-204; Minimum grade C;

MAST-207

Type
Prerequisite

MAST-207

Take MAST-207; Minimum grade C;

MAST-214

Type
Prerequisite

MAST-214

Take MAST-214; Minimum grade C;

MAST-230

Type
Corequisite

MAST-230

Take MAST-230;

MATH015 - Pre-Algebra

Overview

Description
Pre-Algebra provides important skill-building in basic computational skills, the language of mathematics, and problem-solving required for pre-college level math courses. Students will be able to perform operations with whole numbers, fractions, decimals, and integers; solve algebraic equations and a variety of applications. This course is graded as satisfactory or unsatisfactory. Recommend appropriate score on a placement assessment. ALEKS 7 and above or NICE Math Placement 10.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

An appropriate score on a placement test.

Take 1 group; # Take MATH-M010 MATH-M015 MATH-M020 MATH-P032 MATH-P044 MATH-P099 MATH-A040 MATH-A045 MATH-A049 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-T051 MATH-T099 MTHP-015 or MATH-015; # Take 1 courses; Minimum grade C-; From Subject MATH;

MATH025 - Elementary Algebra

Overview

Description
Elementary Algebra provides an introduction to fundamental basic algebraic concepts. Students will be able to simplify and factor algebraic expressions as well as solve and graph first-degree equations, inequalities, systems, and applications in one and two variables. MATH-025 provides important skill-building for those who have not taken or have had difficulty with high school algebra. Recommend completion of MATH-015 or an appropriate score on a placement assessment. ALEKS 14 and above or NICE Math Placement 30.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-015, MATH-090 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M020 MATH-P099 MATH-A040 MATH-A045 MATH-A049 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-T051 MATH-T099 MTHP-025 MTHP-108 MTHP-123 MTHP-130 MTHP-153 MTHP-143P MTHP-143 MTHP-147 MTHP-253 MTHP-144 MTHP-160 MTHP-170 MTHP-187 or MATH-025; # Take MATH-015; Minimum grade C-; # Take MATH-090; Minimum grade S;

MATH090 - College Preparatory Math

Overview

Description

College Preparatory Math is an accelerated course which includes the concepts from both MATH-015 and MATH-025, providing students with an individualized opportunity to review and strengthen the developmental skills crucial for further success in mathematics. If a student completes the MATH-090 coursework before the end of the semester, they may begin exploring concepts from their next college-level math course, aligned with their specific math pathway. This course is graded as satisfactory or unsatisfactory. Recommend appropriate score on a placement assessment. ALEKS 8 and above or NICE Math Placement 20.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Corequisites

Type
Corequisite

CLC-101 or CLC-120

Take CLC-101 or CLC-120;

MATH108 - Intermediate Algebra

Overview

Description

This course provides development of algebraic concepts beyond MATH-025 or first year high school algebra. Students will be able to apply principles of linear, quadratic, and rational equations, radicals, circles and parabolas, complex numbers, functions, exponents, and logarithms. MATH-108 develops skills necessary for success in algebra-based, college-level math courses. Note: MATH-108 carries no credit if taken after successful completion of higher numbered math courses with the exception of MATH-123 or MATH-130.

Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-025, MATH-090 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M030 MATH-A049 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-T051 MATH-T099 MTHP-108 MTHP-123 MTHP-130 MTHP-153 MTHP-143P MTHP-143 MTHP-147 MTHP-253 MTHP-144 MTHP-160 MTHP-170 MTHP-187 or MATH-108; # Take MATH-025 MATH-123 or MATH-130; Minimum grade C-; # Take MATH-090; Minimum grade S;

MATH123 - Math in Modern Society

Overview

Description
This course models the use of mathematics in real world situations. Students will be able to apply mathematical modeling principles to a variety of practical situations including personal finance, risk assessment, inferences, path analysis, linear programming, similarity and scaling, right-triangle trigonometry, game theory, and/or exponential growth.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-025, MATH-090 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M030 MATH-A049 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-T051 MATH-T099 MTHP-123 MTHP-130 MTHP-153 MTHP-143P MTHP-143 MTHP-147 MTHP-253 MTHP-144 MTHP-160 MTHP-170 MTHP-187 or MATH-123; # Take MATH-025 or MATH-108; Minimum grade C-; # Take MATH-090; Minimum grade S;

MATH130 - Finite Mathematics

Overview

Description
This course provides practical insights into the important role of mathematics in the business world. Students will be able to apply principles of systems of linear equations and inequalities, linear programming, set theory, combinatorics, probability, and elementary concepts of statistics as they relate to decision making and problem solving.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH placement

Type
Prerequisite

MATH-108 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M030 MATH-A049 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-T051 MATH-T099 MTHP-130 MTHP-153 MTHP-143P MTHP-143 MTHP-147 MTHP-253 MTHP-144 MTHP-160 MTHP-170 MTHP-187 or MATH-130; # Take MATH-108; Minimum grade C-;

MATH143 - Precalculus I: Algebra

Overview

Description

This course covers the definition of functions and their properties and notation in both algebraic and graphical contexts. Students will be able to apply principles of polynomial and rational equations, functions and their inverses, graphs, systems of equations, complex numbers, sequences, and exponential and logarithmic functions. MATH-143 along with MATH-144 prepares students for traditional calculus courses which are required for degrees in mathematics, engineering, computer science, physics, chemistry, and other STEM related fields. Note: The combination of MATH-143 and MATH-144 may be used in place of MATH-147 as the prerequisite for MATH-170.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH placement

Type
Prerequisite

MATH-108 with a C- or higher OR an appropriate score on a placement test.

Take 1 group; # Take MATH-M040 MATH-M045 MATH-M050 MATH-M060 MATH-A099 MATH-C051 MATH-M055 MATH-C099 MATH-T051 MATH-T099 MTHP-143 MTHP-147 MTHP-144 MTHP-160 MTHP-170 MTHP-187 or MATH-143; # Take MATH-108 MATH-144 MATH-147 MATH-160 MATH-170 MATH-175 or MATH-187; Minimum grade C-;

MATH143P - Precalculus I: Algebra

Overview

Description

This course is the same course as MATH-143 with the additional component of just in time algebra remediation. This course covers the definition of functions and their properties and notation in both algebraic and graphical contexts. Students will be able to apply principles of polynomial and rational equations, functions and their inverses, graphs, systems of equations, complex numbers, sequences, and exponential and logarithmic functions. The lab provides additional instruction and support for MATH-143, Precalculus 1: Algebra. This lab course includes fundamental concepts of algebra; expressions, equations and inequalities; functions and graphs; including quadratic, polynomial, rational, exponential, and logarithmic functions. MATH-143 or MATH-143P along with MATH-144 prepares students for traditional calculus courses which are required for degrees in mathematics, engineering, computer science, physics, chemistry, and other STEM related fields. Note: The combination of MATH-143 or MATH-143P and MATH-144 may be used in place of MATH-147 as a prerequisite for MATH-170.

Credit Hours:
5

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

Math Placement

Type
Prerequisite

MATH-108 with a D or higher OR an appropriate score on a placement test.

Take 1 group; # Take MTHP-143P MATH-M040 MATH-M045 MATH-M050 MATH-M060 MATH-A099 MATH-C051 MATH-C099 MATH-T051 MATH-T099 MATH-M055 or MATH-143P; # Take MATH-108; Minimum grade D;

MATH144 - Precalculus II: Trigonometry

Overview

Description
This course examines trigonometric concepts in terms of the Cartesian coordinate plane and the rectangular and polar coordinate systems. Students will be able to apply principles of angles, fundamental identities and identity verifications of trigonometry, and solving and graphing trigonometric functions. MATH-144 is intended for students following a science, technology, engineering, or mathematics pathway. MATH-143 and MATH-144 cover the content of MATH-147. Note: MATH-144 carries no credit if taken after successful completion of any higher numbered math course with the exception of MATH-157, MATH-160, MATH-253, or MATH-257.

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH placement

Type
Prerequisite

MATH-143, with a minimum grade of C-, or an appropriate score on a placement test OR MATH-143P, with a minimum grade of C-, and an appropriate placement score.

Take 1 group; # Take MATH-M050 MATH-M060 MATH-C099 MATH-T051 MATH-T099 MTHP-144 MTHP-160 MTHP-170 or MTHP-187; # Take MATH-143P MATH-143 MATH-144 MATH-147 MATH-160 MATH-170 MATH-175 MATH-187 or MATH-275; Minimum grade C-; # Take MATH-143 MATH-M045; # Take MATH-143 MATH-M055; # Take MATH-143 MTHP-147;

MATH147 - Precalculus

Overview

Description
This course is designed for the well-prepared mathematics student who wishes to condense the one-year sequence of MATH-143 and MATH-144 into one semester. Students will be able to apply principles of polynomial and rational equations, functions and their inverses, graphs, systems of equations, complex numbers, exponential and logarithmic functions, trigonometric functions, identities and graphs, applications of triangles, sequences and series, and polar coordinates. MATH-147 prepares students for calculus courses which are required for degrees in mathematics, engineering, computer science, physics, chemistry, and other STEM related fields. Note: MATH-147 carries no credit if taken after successful completion of any higher numbered math course with the exception of MATH-157, MATH-253, or MATH-257. MATH-147 carries two credits if taken after MATH-143.

Credit Hours:
5

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH placement

Type
Prerequisite

MATH-108 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M045 MATH-M050 MATH-M060 MATH-M055 MATH-C099 MATH-T051 MATH-T099 MTHP-147 MTHP-144 MTHP-160 MTHP-170 MTHP-187 or MATH-147; # Take MATH-108 MATH-143 MATH-144 MATH-160 MATH-170 MATH-175 or MATH-180; Minimum grade C-;

MATH153 - Statistical Reasoning

Overview

Description
This course provides students with an introductory treatment of descriptive statistics, basic data collection concepts, basic techniques for statistical inference, and simple linear regression. Learning strategies emphasize conceptual understanding. MATH-153 is intended for students who need a statistical reasoning class, and satisfies the math requirements for the A.A., A.S., and A.A.S. degrees.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-025, MATH-090 or an appropriate math placement score.

Take 1 group; # Take MATH-M030 MATH-A049 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-T051 MATH-T099 MTHP-153 MTHP-143P MTHP-143 MTHP-147 MTHP-253 MTHP-144 MTHP-160 MTHP-170 MTHP-187 or MATH-153; # Take MATH-025 or MATH-108; Minimum grade C-; # Take MATH-090; Minimum grade S; # Take MATH-123 MATH-130 or MATH-143; Minimum grade C-;

MATH157 - Mathematics for Elementary Teachers I

Overview

Description
This course provides prospective elementary school teachers with a problem-solving approach to the topics of the elementary school math curriculum. Students will be able to apply principles and concepts of basic arithmetic operations on the set of real numbers. MATH -157 is required for elementary teacher certification by the State of Idaho.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH-123 or higher GEM 3

Type
Prerequisite

MATH-123 or higher GEM 3 Mathematical Ways of Knowing course.

Take 1 group; # Take MATH-157; # Take MATH-123 MATH-130 MATH-143 MATH-147 MATH-153 MATH-160 MATH-170 or MATH-253; Minimum grade C-;

MATH160 - Survey of Calculus

Overview

Description

This course develops an understanding of the fundamentals of differential and integral calculus and the application of these principles and theories to the solution of real world problems. Students will be able to apply principles of functions, graphs, limits, derivatives, exponential and logarithm functions, and integration. MATH-160 is the introduction to calculus as used in business, social sciences, and life sciences. Note: MATH-160 carries no credit if taken after successful completion of any higher numbered math course with the exception of MATH-187, MATH-253, or MATH-257.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH placement

Type
Prerequisite

MATH-143 or MATH-147 or an appropriate score on the placement test.

Take 1 group; # Take MATH-M050 MATH-C099 MATH-T051 MATH-T099 MTHP-160 MTHP-170 MTHP-187 or MATH-160; # Take MATH-143 MATH-147 MATH-187 MATH-253 or MATH-257; Minimum grade C-;

MATH170 - Calculus I

Overview

Description

This course provides an introduction to calculus as the mathematics of change and motion. Students will be able to apply principles of limits, derivatives, and integrals. MATH-170 builds a foundation for all further study typically required in mathematics, engineering, computer science, physics, chemistry, and other STEM related fields. Note: MATH-170 carries no credit if taken after successful completion of a higher numbered math course with the exception of MATH-187, MATH-253, or MATH-257.

Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH placement

Type
Prerequisite

MATH-147 or MATH-143 and MATH-144 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M060 MATH-T099 MTHP-170 MTHP-187 or MATH-170; # Take MATH-143 MATH-144; Minimum grade C-; # Take MATH-147; Minimum grade C-;

MATH175 - Analytic Geometry and Calculus II

Overview

Description
This course is a continuation of the calculus sequence. Students will be able to apply techniques of integration, applications of integration, polar coordinates, parametric equations, sequences, and series. MATH-175 is required for many mathematics, engineering, computer science, physics, chemistry, and other STEM related degrees. Note: MATH-175 carries no credit if taken after successful completion of a higher numbered math course with the exception of MATH-187, MATH-253, MATH-257, or MATH-335.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH-170

Type
Prerequisite

MATH-170

Take 1 group; # Take MATH-175; # Take MATH-170; Minimum grade C-;

MATH187 - Discrete Mathematics

Overview

Description
This course provides an overview of mathematical topics applicable to the study of computer science. Students will be able to apply principles of basic set theory, propositional and predicate logic, number systems, Boolean algebra, combinatorics, and graph theory. MATH-187 is intended for computer science majors, mathematics majors, and for students wishing to pursue in-depth study of computer science. Recommended: Knowledge of programming language such as C++ or Java

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH placement

Type
Prerequisite

MATH-147 or MATH-144 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M060 MATH-T099 MTHP-170 MTHP-187 MATH-160 MATH-170 MATH-175 MATH-187 MATH-253 MATH-275 or MATH-187; # Take MATH-144 or MATH-147; Minimum grade C-;

MATH254 - Statistical Methods

Overview

Description
This course provides an introduction to statistical methods encompassing descriptive statistics and inferential statistics. Students will be able to apply principles of hypothesis testing for one and two samples, correlation and regression, chi-square, analysis of variance, and probability.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-108 or higher, except MATH-153, MATH-157, and MATH-257, or an appropriate score on a placement test.

Take 1 group; # Take MATH-M050 MATH-M060 MATH-C051 MATH-M055 MATH-C099 MATH-T051 MATH-T099 MTHP-254 MTHP-144 MTHP-160 MTHP-170 or MTHP-187; # Take MATH-108 MATH-143P MATH-143 MATH-147 MATH-151 MATH-160 or MATH-170; Minimum grade C-;

MATH257 - Mathematics for Elementary Teachers II

Overview

Description
This course is a continuation of MATH-157 and continues the overview of some of the mathematics taught in grades K-8 with an emphasis on conceptual understanding and communication of mathematical principles. This is the second course of a two-course sequence of mathematics content courses which is not intended to be a methods of teaching course. Topics may include algebra; geometry; measurement; area of shapes; circumference; the number pi; construction proofs of the Pythagorean theorem; solid shapes and their volumes and surface areas; geometry of motion and change; statistics; and probability.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH-157

Type
Prerequisite

MATH-157

Take MATH-157; Minimum grade C-;

MATH275 - Analytic Geometry and Calculus III

Overview

Description
This course is the conclusion of the calculus course series. Students will be able to apply principles of vectors, vector-valued functions, partial differentiation, multiple integration, Green's Theorem, Stoke's Theorem, and the Divergence Theorem. MATH-275 is intended for STEM majors.

Credit Hours:
4

Offering Cycle
Spring and Summer Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH-175

Type
Prerequisite

MATH-175

Take MATH-175; Minimum grade C-;

MATH335 - Linear Algebra

Overview

Description
This course addresses vector spaces and linear mappings between such spaces. Students will be able to apply principles of linear systems, matrices, determinants, vector spaces, linear transformations, eigenvalues, and diagonalization of matrices. MATH-335 is intended for students seeking degrees in mathematics, computer science, or engineering.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH-170, MATH-175 or MATH-275

Type
Prerequisite

MATH-170, MATH-175 or MATH-275

Take MATH-170 MATH-175 or MATH-275; Minimum grade C-;

MATH370 - Introduction to Ordinary Differential Equations

Overview

Description
This course addresses first, second, and higher order differential equations. Students will be able to apply a variety of techniques to solve ordinary differential equations, and systems of linear and non-linear equations. MATH-370 is intended for students seeking degrees in mathematics, physics, or engineering.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH-175

Type
Prerequisite

MATH-175

Take MATH-175; Minimum grade C-;

MCTE101 - Technical Mathematics

Overview

Description
This course is designed as a basic math course for students in technical programs. Students will be able to apply principles of fractions, decimals, percents, ratio and proportion, calculator usage, integers, formula evaluation, equation solving, geometry, trigonometry and the metric system. MCTE-101 is intended for students in technical fields.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-015, MATH-090 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M020 MATH-A040 MATH-A045 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-P044 MATH-P099 MATH-T051 MATH-T099 MTHP-025 MCTE-101 or MATH-024; # Take 1 courses; Minimum grade C-; From Subject MATH; # Take MATH-090; Minimum grade S;

MCTE102 - Computational Skills for Allied Health

Overview

Description
This course provides instruction in systems of metric and apothecary measurement. Students will be able to apply principles of measurement conversion, reduction, dimensional analysis, drug orders and labels interpretation, oral parenteral and pediatric dosage calculation, intravenous (IV) calculations, ratio and proportion, linear equations, formulas, solutions, and mixture problems.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-025, MATH-090 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M030 MATH-A049 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-T051 MATH-T099 MTHP-108 MCTE-102 or MATH-102; # Take MATH-025; Minimum grade C-; # Take 1 courses; Minimum grade C-; From Subject MATH; From Levels 100 200; # Take MATH-090; Minimum grade S;

MCTE104 - Technical Mathematics for Automotive Technology and Diesel

Overview

Description
This course covers mathematical applications for specific technical programs. Students will be able to apply principles of fractions, decimals, percents, ratio and proportion, calculator usage, integers, formula evaluation, equation solving, geometry, the metric system, and measurement.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-015, MATH-090 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M020 MATH-A040 MATH-A045 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-P044 MATH-P099 MATH-T051 MATH-T099 MTHP-025 MCTE-104 or MATH-024; # Take 1 courses; Minimum grade C-; From Subject MATH; # Take MATH-090; Minimum grade S;

MCTE105 - Technical Mathematics for Machining and Computer Aided Design Technologies

Overview

Description
This course covers mathematical applications of specific technical programs. Students will be able to apply principles of plane and angular geometry, congruent and similar figures, circles, right-triangle trigonometry, trigonometric functions, and vectors.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-015, MATH-090 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M020 MATH-A040 MATH-A045 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-P044 MATH-P099 MATH-T051 MATH-T099 MTHP-025 MCTE-105 or MATH-024; # Take 1 courses; Minimum grade C-; From Subject MATH; # Take MATH-090; Minimum grade S;

MCTE106 - Technical Mathematics for Industrial Mechanic/Millwright; HVAC; Welding

Overview

Description
This course covers mathematical applications of specific technical programs. Students will be able to apply principles of fractions, decimals, percents, integers, ratio and proportion, the metric system, geometry, and right-triangle trigonometry.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH Placement

Type
Prerequisite

MATH-015, MATH-090 or an appropriate score on a placement test.

Take 1 group; # Take MATH-M020 MATH-A040 MATH-A045 MATH-A061 MATH-A099 MATH-C051 MATH-C099 MATH-P044 MATH-P099 MATH-T051 MATH-T099 MTHP-025 MCTE-106 or MATH-024; # Take 1 courses; Minimum grade C-; From Subject MATH; # Take MATH-090; Minimum grade S;

MDET110 - SolidWorks Basic

Overview

Description
This course is an introduction to SolidWorks Basics and presents fundamental principles toward feature-based parametric modeling and design. Emphasis will be on using basic tools toward the creation of parts, assemblies, and drawings.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

MDET115 - Basic Mechanical Design

Overview

Description
This course will focus on learning contemporary documentary procedures for mechanical working drawings in accordance with ASME Y-14.5 standards. Students will use CAD software as a design platform. Concentrated efforts will be made to stress the importance of accuracy and clarity in mechanical working drawings, procedures, and practices. Emphasis will also be placed on developing confidence and proficiency in the development of contemporary working drawings. In the lecture/lab environment students will be presented with hands-on assignments/projects to reinforce learning outcomes.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MDET-110

Type
Prerequisite

MDET-110

Take MDET-110; Minimum grade C-;

MDET120 - Intermediate SolidWorks

Overview

Description
This course will focus on learning intermediate skillsets with SolidWorks as a mechanical design and engineering platform. In the lecture/lab environment, students will work from textbook chapter problems, related exercises, and instructor handouts to reinforce the subject matter. This course will prepare the student for the MDET-230, Advanced Mechanical Design.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MDET-110

Type
Prerequisite

MDET-110

Take MDET-110; Minimum grade C-;

MDET150 - Machining Technology Theory I

Overview

Description
This course consists of learning machining related terminology used in the design and drawing of mechanical systems. Measuring systems, measuring tool usage, cutter types, and cutter geometry are studied and applied to mills and lathes to cut and study parts relating to the design of mechanical parts. Other instruments used include hand tools, measuring instruments, and bench grinders. Students will use shop math for problem solving.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MDET-151L

Type
Corequisite

MDET-151L

Take MDET-151L;

MDET151L - Machining Technology Lab I

Overview

Description
This course consists of machining projects to promote the skills needed for designing and drawing machine parts. Students will use mechanical design practices for measuring within tolerances as identified on blueprints. The concepts discussed in theory sessions are transferred to the lab through projects; successful assessment of projects is determined by maching to tolerances as determined by industry machining practices.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MDET-150

Type
Corequisite

MDET-150

Take MDET-150;

MDET210 - Advanced SolidWorks Techniques

Overview

Description
This course will focus on learning advanced SolidWorks skillsets as a mechanical design and engineering platform. In the lecture/lab environment, students will work from textbook chapter tutorials, related exercises, and instructor handouts to reinforce the subject matter. This course will prepare the student for the MDET-230, Advanced Mechanical Design.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MDET-120

Type
Prerequisite

MDET-120

Take MDET-120; Minimum grade C-;

MDET215 - Industrial Process

Overview

Description
This course introduces the product cycle theory in regards to Machine Control Processes via CAD/CAM/CAE methodology. This is an exploratory/hands-on learning environment and students will be engaged in visiting local industries to gain an understanding of industrial processes and their role in the product cycle process. Students will be introduced to rapid-prototyping and produce rapid-prototype parts.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

MDET220 - Geometric Dimension and Tolerancing

Overview

Description
This course builds on the knowledge learned in MDET-115. This course will focus on geometric dimensioning and tolerancing principles and standards as they relate to working drawings. Topics include, but are not limited to, symbols, datum selection, feature control frames, and related tolerances. Students will learn to interpret and apply geometric dimensioning and tolerancing standards to drawings.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MDET-115

Type
Prerequisite

MDET-115

Take MDET-115; Minimum grade C-;

MDET225 - Machines and Mechanisms

Overview

Description
This course is an introduction to kinematic analysis of mechanical mechanisms and the transmission of power. Using selected CAD programs, students will gain understanding of linkages, gears, cams, belts, and chain systems.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MDET-215, MCTE-105 or Placement

Type
Prerequisite

MDET-215, MCTE-105 or an appropriate score on a placement test.

Take 1 group; # Take MDET-215; Minimum grade C-; # Take MCTE-105; Minimum grade C-; # Take MATH-M020;

MDET-230

Type
Corequisite

MDET-230

Take MDET-230;

MDET230 - Advanced Mechanical Design

Overview

Description
This course places emphasis on learning more advanced Solidworks techniques as well as demonstrating design and engineering skillsets as developed throughout the Mechanical Design Engineering Technology program. Students will continue to learn advanced Solid Modeling techniques while working on their final project. Students choose their own final project to do and if the costs go over the students fees, it will be at their own expense.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MDET-115

Type
Prerequisite

MDET-115

Take MDET-115; Minimum grade C-;

MDET-210

Type
Prerequisite

MDET-210

Take MDET-210; Minimum grade C-;

MDET-120

Type
Prerequisite

MDET-120

Take MDET-120; Minimum grade C-;

MDET235 - Statics and Strength of Materials

Overview

Description
This course introduces the basics of statics and strengths of materials without calculus. Students will study stress and strength factors of rigid bodies toward practical mechanical design problems. A good understanding of algebra and trigonometry, along with a knowledge of Microsoft Excel and CAD systems, are recommended to solve a variety of problems.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MCTE-105 or Placement

Type
Prerequisite

MCTE-105 or an appropriate score on a placement test.

Take 1 group; # Take MCTE-105; Minimum grade C-; # Take MATH-M020;

MECH210 - Mechatronics I

Overview

Description
This course introduces the fundamentals of mechatronics including theory concepts, troubleshooting, testing, and repair procedures. Topics covered include industrial automation and related control systems, electronics, pneumatics, industrial wiring, electrical/ electronic systems and components, and AC/DC motors and related systems.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MECH-210L or WWTR-210L

Type
Corequisite

MECH-210L or WWTR-210L

Take MECH-210L or WWTR-210L;

MECH-211

Type
Corequisite

MECH-211

Take MECH-211;

MECH210L - Mechatronics Lab I

Overview

Description
This course will give students hands-on exposure in a lab setting to the subjects covered in the MECH-210 Mechatronics I theory class. The instruction will use a variety of mock-ups, trainers, and components to reinforce knowledge of systems, testing, troubleshooting, and repair procedures.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MECH-210

Type
Corequisite

MECH-210

Take MECH-210;

MECH-211

Type
Corequisite

MECH-211

Take MECH-211;

MECH211 - Industrial Automation Control Systems

Overview

Description
This course introduces the fundamentals of programmable logic controllers, digital electronics, control systems: with theory concepts, operation, basic programming, troubleshooting, testing, and repair procedures.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MECH-210

Type
Corequisite

MECH-210

Take MECH-210;

MECH-210L

Type
Corequisite

MECH-210L

Take MECH-210L;

MECH220 - Advanced Mechatronics II

Overview

Description
This course builds on the concepts covered in MECH-210 and advances the understanding of mechatronics and the related systems. Topics covered include PLC communications, industrial automation and related control systems, pneumatics, industrial wiring, AC and DC motors and related systems, sensors, electronics, material handling, basic robotics, workstations, advanced electrical motor control, and electrical power distribution.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

MECH220L - Advanced Mechatronics Lab II

Overview

Description
This course will give students hands-on exposure in a lab setting to the subjects covered in the MECH-220 Advanced Mechatronics II theory class. The instruction will use a variety of mock-ups, trainers, and components to reinforce knowledge of systems, testing, troubleshooting, and repair procedures.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

MECH221 - Advanced Programmable Logic Controllers II

Overview

Description
This course is a continuation of MECH-211 for programmable logic controllers and the related systems, including theory concepts, operation, basic programming, troubleshooting, testing, and repair procedures.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MECH-220

Type
Corequisite

MECH-220

Take MECH-220;

MECH-220L

Type
Corequisite

MECH-220L

Take MECH-220L;

MECH253 - Fundamentals of Microprocessors

Overview

Description
This course provides an in-depth exploration of microcontrollers, focusing on their architecture, programming, and real-world applications. Students will understand how microcontrollers function as central control units in embedded systems and how they interface with sensors, actuators, and other peripherals.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MECH-154

Type
Prerequisite

MECH-154

Take MECH-154;

MLT100 - Phlebotomy

Overview

Description
This course presents the theory and procedures for the practice of phlebotomy and waived laboratory testing as it applies to medical laboratory personnel. Phlebotomy and laboratory quality control measures for specimen collection in healthcare facilities will be emphasized throughout this course.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MLT-124

Type
Corequisite

MLT-124

Take MLT-124;

MLT112 - Urinalysis and Other Body Fluids

Overview

Description

This course is an introduction to the study of urine and body fluid analysis. In includes the anatomy and physiology of the kidney, physical, chemical, and microscopic examination of urine, cerebrospinal fluid, and other body fluids as well as quality control, quality assurance, and safety. Fundamental principles of urine and body fluid analysis with correlation of laboratory methods and practice will also be covered.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MLT-221

Type
Corequisite

MLT-221

Take MLT-221;

MLT-224

Type
Corequisite

MLT-224

Take MLT-224;

MLT-226

Type
Corequisite

MLT-226

Take MLT-226;

MLT-218

Type
Prerequisite

MLT-218

Take MLT-218; Minimum grade C;

MLT-225

Type
Prerequisite

MLT-225

Take MLT-225; Minimum grade C;

MLT124 - Medical Lab Fundamentals

Overview

Description
This course is an introduction to procedures used in the medical laboratory. Students will learn the application of basic techniques and instruments used in all areas of medical laboratories. These correlate with core MLT courses to include activities for phlebotomy, waived testing, urinalysis, hematology, chemistry, immunology, blood banking and microbiology.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MLT-100 or MAST-100

Type
Corequisite

MLT-100 or MAST-100

Take MLT-100 or MAST-100;

MLT-214

Type
Corequisite

MLT-214

Take MLT-214;

MLT-222

Type
Corequisite

MLT-222

Take MLT-222;

MLT214 - Hematology and Hemostasis

Overview

Description
This course involves the study of blood cells in peripheral blood, bone marrow, and other body fluids. Concepts of normal and abnormal blood cell maturation, physiology, and morphology are examined as well as hemostasis (coagulation). The course is intended to be an introduction to routine laboratory methods and instrumentation with correlation of laboratory observations with disease conditions.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MLT-124

Type
Corequisite

MLT-124

Take MLT-124;

MLT218 - Medical Lab Chemistry

Overview

Description
This course is an introduction to the basic theory and diagnostic procedures in medical chemistry. Basic principles and theory of biochemical and analytical tests and procedures used in the analysis of clinical specimens will be covered. This course emphasizes the correlation of specimen processing as well as analysis of test results and quality control data.

Credit Hours:
4

Offering Cycle
Summer Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MLT-225

Type
Corequisite

MLT-225

Take MLT-225;

MLT-100

Type
Prerequisite

MLT-100

Take MLT-100; Minimum grade C;

MLT-124

Type
Prerequisite

MLT-124

Take MLT-124; Minimum grade C;

MLT-214

Type
Prerequisite

MLT-214

Take MLT-214; Minimum grade C;

MLT-222

Type
Prerequisite

MLT-222

Take MLT-222; Minimum grade C;

MLT221 - Medical Laboratory Microbiology

Overview

Description
This course introduces basic practices and principles of diagnostic microbiology, focusing on pathogenic bacteria encountered in the blood, central nervous system, and genitourinary tract. It includes application of common algorithms for identification of clinically significant pathogens including aerobic gram-positive cocci, gram-negative bacilli, gram-negative cocci, gram-positive bacilli, and anaerobes. The course introduces principles and procedures of immunological and molecular diagnostic techniques and their application to the medical lab.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MLT-218

Type
Prerequisite

MLT-218

Take MLT-218; Minimum grade C;

MLT-225

Type
Prerequisite

MLT-225

Take MLT-225; Minimum grade C;

MLT-112

Type
Corequisite

MLT-112

Take MLT-112;

MLT-224

Type
Corequisite

MLT-224

Take MLT-224;

MLT-226

Type
Corequisite

MLT-226

Take MLT-226;

BACT-250

Type
Prerequisite

BACT-250

Take BACT-250; Minimum grade C-;

MLT222 - Basic Concepts in Transfusion Medicine

Overview

Description
This course is an introduction to the basic theory and concepts of antigen-antibody reaction as they pertain to blood cell transfusions. Blood group antigens and the genetics of their inheritance are examined. Methods are introduced for performing blood grouping, compatibility testing, and component selection.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MLT-124

Type
Corequisite

MLT-124

Take MLT-124;

MLT224 - Advanced Medical Laboratory Technology Student Lab Practice

Overview

Description

This course included advanced practice of laboratory skills and procedures to reinforce theory gained in core MLT courses in preparation for clinical internships.

Credit Hours:
3

Offering Cycle

Fall Only

Yearly Cycle

All Years

Requisites

Simple Requisites

MLT-218

Type
Prerequisite

MLT-218

Take MLT-218; Minimum grade C;

MLT-225

Type
Prerequisite

MLT-225

Take MLT-225; Minimum grade C;

BACT-250

Type
Prerequisite

BACT-250

Take BACT-250; Minimum grade C-;

CHEM-102 or CHEM-112 or CHEM-275

Type
Prerequisite

CHEM-102 or CHEM-112 or CHEM-275

Take CHEM-102 CHEM-112 or CHEM-275; Minimum grade C-;

MATH-143 or higher GEM 3

Type
Prerequisite

MATH-143 or higher GEM 3

Take 1 courses; Minimum grade C-; From rule RG.GEM3; Except courses MATH-123 MATH-130;

MLT-112

Type
Corequisite

MLT-112

Take MLT-112;

MLT-221

Type
Corequisite

MLT-221

Take MLT-221;

MLT-226

Type
Corequisite

MLT-226

Take MLT-226;

GEM 6

Type
Corequisite

GEM 6

Take 1 courses; Minimum grade C-; From rule RG.GEM6;

MLT225 - Parasitology, Mycology and Virology

Overview

Description
This course covers basic theory and clinical procedures used to isolate and identify intestinal, blood, and tissue parasites; dermatophytes, systemic and subcutaneous fungi, viruses, and mycobacteria.

Credit Hours:
2

Offering Cycle
Summer Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MLT-218

Type
Corequisite

MLT-218

Take MLT-218;

MLT-100

Type
Prerequisite

MLT-100

Take MLT-100; Minimum grade C;

MLT-124

Type
Prerequisite

MLT-124

Take MLT-124; Minimum grade C;

MLT-214

Type
Prerequisite

Take MLT-214

Take MLT-214; Minimum grade C;

MLT-222

Type
Prerequisite

MLT-222

Take MLT-222; Minimum grade C;

MLT226 - Immunology and Laboratory Operations

Overview

Description

This course offers an overview of the fundamentals of medical lab-related diagnosis and management of disease by immunological and molecular biology laboratory methods. Normal immune function as well as pathological conditions and application to laboratory testing will be covered. Examination aspects of laboratory operations to include quality assessment, troubleshooting, safety, laboratory mathematics, instrumentation and laboratory information systems.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MLT-218

Type
Prerequisite

MLT-218

Take MLT-218; Minimum grade C+;

MLT-225

Type
Prerequisite

MLT-225

Take MLT-225; Minimum grade C+;

MLT-112

Type
Corequisite

MLT-112

Take MLT-112;

MLT-221

Type
Corequisite

MLT-221

Take MLT-221;

MLT-224

Type
Corequisite

MLT-224

Take MLT-224;

MLT250 - Capstone Seminar and Exam Review

Overview

Description

This course provides a cumulative review of medical laboratory procedures and theoretical concepts from all phases of laboratory testing. Emphasis is placed on recall and application of theory, correlation, and evaluation of all areas of laboratory science. Upon completion, students should be prepared for national certification examinations. Students will apply their technical knowledge to laboratory case studies and to review major areas of the MLT curriculum with an emphasis on critical thinking skills. Students will have access to practice examination in preparation for certification examinations.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MLT-124

Type
Prerequisite

MLT-124

Take MLT-124; Minimum grade C;

MLT-224

Type
Prerequisite

MLT-224

Take MLT-224; Minimum grade C;

MLT-291

Type
Corequisite

MLT-291

Take MLT-291;

MLT-292

Type
Corequisite

MLT-292

Take MLT-292;

GEM 2

Type
Corequisite

GEM 2

Take 1 courses; Minimum grade C-; From rule RG.GEM2;

MLT291 - Internship I

Overview

Description
This course provides the first cooperative learning experience in an affiliated clinical facility. Students will gain their first exposure to the clinical environment in a supervised application of learned theory and practice. Students will experience working with patients and performing procedures required of a medical laboratory technician. Specific detailed learning activities are developed to meet established clinical outcomes.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MLT-124

Type
Prerequisite

MLT-124

Take MLT-124; Minimum grade C;

MLT-224

Type
Prerequisite

MLT-224

Take MLT-224; Minimum grade C;

MLT-250

Type
Corequisite

MLT-250

Take MLT-250;

MLT-292

Type
Corequisite

MLT-292

MLT292 - Internship II

Overview

Description
This course provides the final cooperative learning experience in an affiliated clinical facility. Students will complete their internship in a supervised clinical setting and apply learned theory and practice. Students will achieve competencies required of a medical laboratory technician. Specific detailed learned activities are developed to meet established clinical outcomes.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MLT-124

Type
Prerequisite

MLT-124

Take MLT-124; Minimum grade C;

MLT-224

Type
Prerequisite

MLT-224

Take MLT-224; Minimum grade C;

MLT-291

Type
Corequisite

MLT-291

Take MLT-291;

MLT-250

Type
Corequisite

MLT-250

Take MLT-250;

MM150 - Industrial Mechanics I

Overview

Description
This course is an introduction to the principles of safety, hand and power tools, precision measuring, thread systems and fasteners, mechanical drive systems, equipment installation, and alignment.

Credit Hours:
8

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MM-151L

Type
Corequisite

MM-151L

Take MM-151L;

MM-155

Type
Corequisite

MM-155

Take MM-155;

MM151L - Industrial Mechanics Lab I

Overview

Description
This course applies the skills learned in MM-150, including safety practices, precision measuring, tool usage, mechanical drive systems, equipment installation, and alignment. Students will work on assigned tasks, projects, and performance tests.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MM-150

Type
Corequisite

MM-150

Take MM-150;

MM-155

Type
Corequisite

MM-155

Take MM-155;

MM152 - Industrial Mechanics II

Overview

Description
This course provides instruction in the technical skills required in the safe use of SMAW, GMAW and GTAW welding, industrial electricity, pipe fitting, coupling maintenance and alignment, bearings, packings, seals, and pumps.

Credit Hours:
7

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MM-150

Type
Prerequisite

MM-150

Take MM-150; Minimum grade C-;

MM-151L

Type
Prerequisite

MM-151L

Take MM-151L; Minimum grade C-;

MM-155

Type
Prerequisite

MM-155

Take MM-155; Minimum grade C-;

MM-152L or WWTR-152L

Type
Corequisite

MM-152L or WWTR-152L

Take MM-152L or WWTR-152L;

MM-156

Type
Corequisite

MM-156

Take MM-156;

MM152L - Industrial Mechanics Lab II

Overview

Description
This course applies the skills learned in MM-152 including exercises in welding, coupling alignment and maintenance, bearing maintenance, pipe fitting, electric motor and control maintenance, and pump maintenance. Exercises in hydraulics components and troubleshooting areas are also included.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MM-151L

Type
Prerequisite

MM-151L

Take MM-151L; Minimum grade C-;

MM-150

Type
Prerequisite

MM-150

Take MM-150; Minimum grade C-;

MM-152

Type
Corequisite

MM-152

Take MM-152;

MM-156

Type
Corequisite

MM-156

Take MM-156;

MM153 - Industrial Mechanics III

Overview

Description
This course covers advanced welding, advanced hydraulics, safe rigging practices, preventative maintenance, lubrication, and industrial mechanic skills.

Credit Hours:
2

Offering Cycle
Summer Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MM-153L

Type
Corequisite

MM-153L

Take MM-153L;

MM153L - Industrial Mechanics Lab III

Overview

Description
This course applies the theory concepts learned in MM-153 including welding concepts, hydraulics, rigging practices, preventative maintenance, assigned tasks, projects, and related performance tests.

Credit Hours:
4

Offering Cycle
Summer Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MM-153

Type
Corequisite

MM-153

Take MM-153;

MM155 - Industrial Blueprints

Overview

Description
This course provides the necessary skills to understand industrial blueprints. Students will learn to read and understand title blocks, bills of materials, dimensions and notes, welding symbols, orthographic projection, auxiliary views, and section views.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MM-150

Type
Corequisite

MM-150

Take MM-150;

MM-151L

Type
Corequisite

MM-151L

Take MM-151L;

MM156 - Industrial Hydraulics

Overview

Description
This is a basic course in the fundamentals of fluid power. Students will learn how to effectively troubleshoot industrial hydraulic systems with emphasis on reservoirs, pumps, filters, directional flow and pressure control valves, cylinders, and motors.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MM-152

Type
Corequisite

MM-152

Take MM-152;

MM-152L

Type
Corequisite

MM-152L

Take MM-152L;

MSA101 - Introduction to Military Science

Overview

Description
This course is a basic introduction to military science. The course will introduce students to the mission and organization of the U.S. Army and provide background in role of an Army officer as a career choice in either the active Army or the National Guard/Reserves. Students will participate in lecture, conference, and activities dealing with military subjects and will have the option of participating in challenging outdoor activities such as whitewater rafting, mountaineering, rifle marksmanship, and rappelling. Texts and labs fees will be provided by the department. There is no mandatory uniform to wear. Students will also learn about available two and three-year scholarships and other financial programs for which they may be eligible. Participation entails no military obligation.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MSA-111

Type
Corequisite

MSA-111

Take MSA-111;

MSA102 - Fundamentals of Leadership and Management

Overview

Description
This course is a continuation of MSA-101. Students will develop a greater understanding of roles and responsibilities of Army officers. The course will consist of lecture, conference, and activities dealing with military subjects. Students will participate in challenging outdoor activities such as orienteering, mountaineering, and weapons qualification. Students will occasionally be required to wear a uniform. Texts, uniforms, and lab fees will be provided by the department. In this course there will be more focus on leadership development and the development of personal confidence. Participation entails no military obligation.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MSA-112

Type
Corequisite

MSA-112

Take MSA-112;

MSA111 - Leadership Lab

Overview

Description
This course will build fundamental characteristics of leadership using a military model and hands-on training in small group leadership.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MSA-101

Type
Corequisite

MSA-101

Take MSA-101;

MSA112 - Leadership Lab

Overview

Description
This course will build fundamental characteristics of leadership using a military model and hands-on training in small group leadership.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MSA-102

Type
Corequisite

MSA-102

Take MSA-102;

MSA151 - Army Standard Physical Fitness Training I

Overview

Description
This course will teach Army Standard Physical Fitness Training to students with class time emphasis on nutrition, healthy lifestyles, proper equipment fitting, diagnostic testing and risk assessment. Open to all NIC students who may take the course twice. ROTC contracted students are required to take the course twice.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

MSA201 - Applied Leadership and Management

Overview

Description
This course is the first of two courses designed to teach applied leadership and management. This course focuses on the application of leadership and management skills to various situations. Emphasis is placed on enhancing leader and communication skills by using a variety of hands-on training. The labs provide practical field training in a variety of outdoor skills (rappelling, rafting, rifle marksmanship, and orienteering) geared toward the application of classroom studies.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MSA-102

Type
Prerequisite

MSA-102

Take MSA-102; Minimum grade C-;

MSA-211

Type
Corequisite

MSA-211

Take MSA-211;

MSA202 - Applied Leadership and Management

Overview

Description
This course is the second of two courses designed to teach applied leadership and management. This course focuses on the application of leadership and management skills to various case studies. Emphasis is placed on enhancing leader and communication skills by using a variety of hands-on training at the Infantry squad level. The labs provide practical field training in a variety of outdoor skills (rappelling, rafting, rifle marksmanship, and orienteering) geared toward the application of classroom studies.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MSA-201

Type
Prerequisite

MSA-201

Take MSA-201; Minimum grade C-;

MSA-212

Type
Corequisite

MSA-212

Take MSA-212;

MSA211 - Leadership Lab

Overview

Description
This course will build fundamental characteristics of leadership using a military model and hands-on training in small group leadership.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MSA-201

Type
Corequisite

MSA-201

Take MSA-201;

MSA212 - Leadership Lab

Overview

Description
This course will build fundamental characteristics of leadership using a military model and hands-on training in small group leadership.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MSA-202

Type
Corequisite

MSA-202

Take MSA-202;

MSA251 - Army Standard Physical Fitness Training II

Overview

Description
This course will teach Army Standard Physical Fitness Training to students with class time emphasis on nutrition, healthy lifestyles, proper equipment fitting, diagnostic testing and risk assessment. An emphasis will be placed on leadership and small group leader challenge in the PE training. Open to all NIC students who can take the course twice. ROTC contracted students are required take the course twice.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MSA-151

Type
Prerequisite

MSA-151

Take MSA-151; Minimum grade C-;

MUSA114A - Individual Instruction: Voice

Overview

Description
This course provides individual instruction for non-majors in voice. Individual instruction in voice can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

MUSA114B - Individual Instruction: Piano

Overview

Description
This course provides individual instruction for non-majors in piano. Individual instruction in piano can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

MUSA114C - Individual Instruction: Jazz Piano

Overview

Description
This course provides individual instruction for non-majors in jazz piano. Individual instruction in jazz piano can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

MUSA114D - Individual Instruction: General Guitar

Overview

Description
This course provides individual instruction for non-majors in general guitar. Individual instruction in general guitar can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

MUSA114E - Individual Instruction: Classical Guitar

Overview

Description
This course provides individual instruction for non-majors in classical guitar. Individual instruction in classical guitar can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

MUSA114F - Individual Instruction: Flute

Overview

Description
This course provides individual instruction for non-majors in flute. Individual instruction in flute can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114G - Individual Instruction: Oboe

Overview

Description
This course provides individual instruction for non-majors in oboe. Individual instruction in oboe can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114H - Individual Instruction: Clarinet

Overview

Description
This course provides individual instruction for non-majors in clarinet. Individual instruction in clarinet can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114I - Individual Instruction: Saxophone

Overview

Description
This course provides individual instruction for non-majors in saxophone. Individual instruction in saxophone can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114J - Individual Instruction: Bassoon

Overview

Description
This course provides individual instruction for non-majors in bassoon. Individual instruction in bassoon can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114K - Individual Instruction: Trumpet

Overview

Description
This course provides individual instruction for non-majors in trumpet. Individual instruction in trumpet can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114L - Individual Instruction: Horn

Overview

Description
This course provides individual instruction for non-majors in horn. Individual instruction in horn can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114M - Individual Instruction: Trombone

Overview

Description
This course provides individual instruction for non-majors in trombone. Individual instruction in trombone can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114N - Individual Instruction: Euphonium

Overview

Description
This course provides individual instruction for non-majors in euphonium. Individual instruction in euphonium can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114O - Individual Instruction: Tuba

Overview

Description
This course provides individual instruction for non-majors in tuba. Individual instruction in tuba can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114P - Individual Instruction: Violin

Overview

Description
This course provides individual instruction for non-majors in violin. Individual instruction in violin can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114Q - Individual Instruction: Viola

Overview

Description
This course provides individual instruction for non-majors in viola. Individual instruction in viola can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114R - Cello

Overview

Description
This course provides individual instruction for non-majors in cello. Individual instruction in cello can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114S - Individual Instruction: String Bass

Overview

Description
This course provides individual instruction for non-majors in string bass. Individual instruction in string bass can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114T - Individual Instruction: Electric Bass

Overview

Description
This course provides individual instruction for non-majors in electric bass. Individual instruction in electric bass can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114U - Individual Instruction: Percussion

Overview

Description
This course provides individual instruction for non-majors in percussion. Individual instruction in percussion can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA114V - Individual Instruction: Harp

Overview

Description
This course provides individual instruction for non-majors in harp. Individual instruction in harp can assist students of all levels to improve their performance abilities. Special fees apply. Two credits requires one half-hour lesson per week. This course requires public performance and may be repeated for credit.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA124A - Individual Instruction: Voice

Overview

Description
This course provides instruction in voice. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114A

Type
Prerequisite

MUSA-114A

Take MUSA-114A or MUSA-124A; Minimum grade C-;

MUSA124B - Individual Instruction: Piano

Overview

Description
This course provides instruction in piano. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114B

Type
Prerequisite

MUSA-114B

Take MUSA-114B MUS-114B MUSA-124B or MUS-124B; Minimum grade C-;

MUSA124C - Individual Instruction: Jazz Piano

Overview

Description
This course provides instruction in jazz piano. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114C

Type
Prerequisite

MUSA-114C

Take MUSA-114C; Minimum grade C-;

MUSA124D - Individual Instruction: General Guitar

Overview

Description
This course provides instruction in general guitar. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114D

Type
Prerequisite

MUSA-114D

Take MUSA-114D; Minimum grade C-;

MUSA124E - Individual Instruction: Classical Guitar

Overview

Description
This course provides instruction in classical guitar. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114E

Type
Prerequisite

MUSA-114E

Take MUSA-114E; Minimum grade C-;

MUSA124F - Individual Instruction: Flute

Overview

Description
This course provides instruction in flute. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114F

Type
Prerequisite

MUSA-114F

Take MUSA-114F; Minimum grade C-;

MUSA124G - Individual Instruction: Oboe

Overview

Description
This course provides instruction in oboe. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114G

Type
Prerequisite

MUSA-114G

Take MUSA-114G; Minimum grade C-;

MUSA124H - Individual Instruction: Clarinet

Overview

Description

This course provides instruction in clarinet. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114H

Type
Prerequisite

MUSA-114H

Take MUSA-114H; Minimum grade C-;

MUSA124I - Individual Instruction: Saxophone

Overview

Description

This course provides instruction in saxophone. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114I

Type
Prerequisite

MUSA-114I

Take MUSA-114I; Minimum grade C-;

MUSA124J - Individual Instruction: Bassoon

Overview

Description
This course provides instruction in bassoon. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114J

Type
Prerequisite

MUSA-114J

Take MUSA-114J; Minimum grade C-;

MUSA124K - Individual Instruction: Trumpet

Overview

Description
This course provides instruction in trumpet. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114K

Type
Prerequisite

MUSA-114K

Take MUSA-114K; Minimum grade C-;

MUSA124L - Individual Instruction: Horn

Overview

Description
This course provides instruction in horn. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114L

Type
Prerequisite

MUSA-114L

Take MUSA-114L; Minimum grade C-;

MUSA124M - Individual Instruction: Trombone

Overview

Description
This course provides instruction in trombone. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114M

Type
Prerequisite

MUSA-114M

Take MUSA-114M; Minimum grade C-;

MUSA124N - Individual Instruction: Euphonium

Overview

Description
This course provides instruction in euphonium. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114N

Type
Prerequisite

MUSA-114N

Take MUSA-114N; Minimum grade C-;

MUSA124O - Individual Instruction: Tuba

Overview

Description
This course provides instruction in tuba. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114O

Type
Prerequisite

MUSA-114O

Take MUSA-114O; Minimum grade C-;

MUSA124P - Individual Instruction: Violin

Overview

Description
This course provides instruction in violin. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114P

Type
Prerequisite

MUSA-114P

Take MUSA-114P; Minimum grade C-;

MUSA124Q - Individual Instruction: Viola

Overview

Description
This course provides instruction in viola. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114Q

Type
Prerequisite

MUSA-114Q

Take MUSA-114Q; Minimum grade C-;

MUSA124R - Individual Instruction: Cello

Overview

Description
This course provides instruction in cello. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114R

Type
Prerequisite

MUSA-114R

Take MUSA-114R; Minimum grade C-;

MUSA124S - Individual Instruction: String Bass

Overview

Description
This course provides instruction in string bass. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114S

Type
Prerequisite

MUSA-114S

Take MUSA-114S; Minimum grade C-;

MUSA124T - Individual Instruction: Electric Bass

Overview

Description

This course provides instruction in electric bass. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114T

Type
Prerequisite

MUSA-114T

Take MUSA-114T; Minimum grade C-;

MUSA124U - Individual Instruction: Percussion

Overview

Description

This course provides instruction in percussion. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114U

Type
Prerequisite

MUSA-114U

Take MUSA-114U; Minimum grade C-;

MUSA124V - Individual Instruction: Harp

Overview

Description
This course provides instruction in harp. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-114V

Type
Prerequisite

MUSA-114V

Take MUSA-114V; Minimum grade C-;

MUSA124Z - Individual Instruction: Composition

Overview

Description
This course provides instruction in composition. This course is designed for music majors and requires prior musical experience. Individual instruction in an area of choice can assist students of all levels to improve their performance skills. A jury examination is required. Special fees apply. It may be repeated for credit. The number of credits must be approved by the instructor.

Credit Hours:
2

Maximum Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA130 - Introduction to Piano

Overview

Description
This course is designed to provide group instruction at the piano keyboard. The emphasis of this course is on reading music and playing melody with simple chord accompaniment. Students enrolling need no prior musical background. This course may be repeated for credit.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSA145 - Piano Class I

Overview

Description
This course is designed for music majors and minors preparing for a keyboard competency exam. Emphasis is on developing basic piano technique, music-reading skills, and reinforcement of music theory fundamentals. Music selections range from classic to contemporary. This class may be repeated for a maximum of two credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSC-141

Type
Corequisite

MUSC-141

Take MUSC-141;

MUSA146 - Piano Class II

Overview

Description
This course is a continuation of MUSA-145 and prepares music majors and minors preparing for a keyboard competency exam. Technique, sight reading, harmonization, transposition, improvisation, and piano literature are areas of emphasis. This class may be repeated for a maximum of two credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-145

Type
Prerequisite

MUSA-145

Take MUSA-145 or MUS-145; Minimum grade C-;

MUSA245 - Piano Class III

Overview

Description
This course is a continuation of MUSA-146 and prepares music majors and minors preparing for a keyboard competency exam. Further development of technique, sight reading, harmonization, improvisation, and repertoire with addition of score reading is emphasized. This class may be repeated for a maximum of two credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-146

Type
Prerequisite

MUSA-146

Take MUSA-146; Minimum grade C-;

MUSA246 - Piano Class IV

Overview

Description
This course is a continuation of MUSA-245 and prepares music majors and minors preparing for a keyboard competency exam. Emphasis will be on reviewing previously acquired phases in technique, sight reading, harmonization, transposition, improvisation, and score reading. More complex harmonies will be introduced. The piano repertoire is at an intermediate level. A minimum grade of C- is required to complete pretesting requirements. This class may be repeated for a maximum of 2 credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA-245

Type
Prerequisite

MUSA-245

Take MUSA-245; Minimum grade C-;

MUSA299 - Independent Study: Music

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

MUSC117 - Music Convocation

Overview

Description
This course is concert attendance that is required for all music majors. Attendance at ten concerts is required each semester.

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSC118 - Music Production: Editing and Sequencing

Overview

Description
This course explores foundational principles in music production. Students will be introduced to software and hardware which facilitate editing and sequencing music. An exploration of musical composition using Digital Audio Workstation (DAW) will lead to individual and cooperative creations. Topics will include MIDI applications which are essential to creating and performing music in today's music industry.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSC-141

Type
Prerequisite

MUSC-141

Take MUSC-141;

MUSC141 - Harmony and Theory I

Overview

Description
This course involves the study and application of the basic materials of music in four-part harmony. Emphasis is placed upon a thorough knowledge of the fundamentals of music and the development of composition and beginning analysis skills. It deals with harmonic practice from the year 1600 on. This course fulfills a theory requirement for music majors.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSC-141L

Type
Corequisite

MUSC-141L

Take MUSC-141L;

MUSA-145

Type
Corequisite

MUSA-145

Take MUSA-145;

MUSC141L - Harmony and Theory I Lab

Overview

Description
This course assists students in the development of aural skills such as sight-singing, rhythmic, melodic, and simple harmonic music dictation and recognition. Emphasis is on materials covered in MUSC-141. This course expands upon musical understanding developed in MUSC-141.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSC-141

Type
Corequisite

MUSC-141

Take MUSC-141;

MUSC142 - Harmony and Theory II

Overview

Description
This course is a continuation of MUSC-141, emphasizing expanded use of harmonies in writing and analysis.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSC-141

Type
Prerequisite

MUSC-141

Take MUSC-141; Minimum grade C-;

MUSC-142L

Type
Corequisite

MUSC-142L

Take MUSC-142L;

MUSC142L - Harmony and Theory II Lab

Overview

Description
This course is a continuation of MUSC-141L.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSC-141

Type
Prerequisite

MUSC-141L

Take MUSC-141L; Minimum grade C-;

MUSC-142

Type
Corequisite

MUSC-142

Take MUSC-142;

MUSC241 - Harmony and Theory III

Overview

Description
This course is a continuation of MUSC-142 with an emphasis on writing and analysis of music through the Romantic era.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSC-142

Type
Prerequisite

MUSC-142

Take MUSC-142; Minimum grade C-;

MUSC-241L

Type
Corequisite

MUSC-241L

Take MUSC-241L;

MUSC241L - Harmony and Theory III Lab

Overview

Description
This course is a continuation of MUSC-142L.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSC-142L

Type
Prerequisite

MUSC-142L

Take MUSC-142L; Minimum grade C-;

MUSC-241

Type
Corequisite

MUSC-241

Take MUSC-241;

MUSC242 - Harmony and Theory IV

Overview

Description
This course is a continuation of MUSC-241 with emphasis on writing and analysis of music in the 20th century.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSC-241

Type
Prerequisite

MUSC-241

Take MUSC-241; Minimum grade C-;

MUSC-242L

Type
Corequisite

MUSC-242L

Take MUSC-242L;

MUSC242L - Harmony and Theory IV Lab

Overview

Description
This course is a continuation of MUSC-241L.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSC-241L

Type
Prerequisite

MUSC-241L

Take MUSC-241L; Minimum grade C-;

MUSC-242

Type
Corequisite

MUSC-242

Take MUSC-242;

MUSC299 - Independent Study: Music

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

MUSI100 - Introduction to Music

Overview

Description
This course is an introduction for students (majors and non-majors) to musical styles of our civilization. The study will include music of different periods and its cultural context, including a study of the American culture and the present musical scene. This course is designed to enhance students' musical appreciation through an increase in musical knowledge.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

MUSI127 - Survey of American Popular Music Since 1900

Overview

Description
This course is an introduction for students (majors and non-majors) to the various styles of American popular music, including its roots and development. Music will be presented with regard to its historical and social implications. Study includes Dixieland, swing, bebop, fusion, musical theatre, country western, and all types of rock 'n' roll. This course is designed to enhance musical appreciation through an increase in musical knowledge.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSP102 - Cardinal Voices - Commercial Music Ensemble

Overview

Description
This course is a music ensemble that focuses on performance of studio quality popular music. It provides an ensemble atmosphere with an emphasis on small group dynamics, ensemble singing/ performance, solo performance, songwriting, arranging, all within versatile musical/singing styles. This course is for students interested in exploring different popular musical styles, including but not limited to Jazz, Blues, Pop, Rock, Folk, and Country. It may be repeated for credit. This ensemble is open to all students through audition.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MUSA Course

Type
Corequisite

Any MUSA-114, any MUSA-124, MUSA-145, MUSA-146, MUSA-245 or MUSA-246

Take 1 group; # Take MUSA-114A MUSA-114B MUSA-114C MUSA-114D MUSA-114E MUSA-114F MUSA-114G MUSA-114H MUSA-114I MUSA-114J MUSA-114K MUSA-114L MUSA-114M MUSA-114N MUSA-114O MUSA-114P MUSA-114Q MUSA-114R MUSA-114S MUSA-114T MUSA-114U MUSA-114V MUSA-114W MUSA-114X or TRMU-124; # Take MUSA-124A MUSA-124B MUSA-124C MUSA-124D MUSA-124E MUSA-124F MUSA-124G MUSA-124H MUSA-124I MUSA-124J MUSA-124K MUSA-124L MUSA-124M MUSA-124N MUSA-124O MUSA-124P MUSA-124Q MUSA-124R MUSA-124S MUSA-124T MUSA-124U MUSA-124V MUSA-124W MUSA-124X MUSA-124Z or TRMU-124; # Take MUSA-145 MUSA-146 MUSA-245 or MUSA-246;

MUSP103 - North Idaho College Cardinal Chorale

Overview

Description
This course is North Idaho College's large vocal ensemble organized to perform standard and mixed choir arrangements. This course may be taken as an ensemble elective for music majors and it may be repeated for credit. Credit may be transferrable. Choir membership is open to college students and area residents.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSP104 - Vocal Jazz Ensemble

Overview

Description
This course is a small group that performs studio quality popular and swing jazz music. It provides a choral learning atmosphere with an emphasis on small group dynamics, solo performance, and an aggressive singing style. This course is for students interested in an intense study of the vocal jazz form. It may be repeated for credit.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSP106 - North Idaho College Wind Symphony

Overview

Description
This course is an instrumental ensemble designed to perform traditional and contemporary concert band literature. Band membership is open to college students and area residents. This course provides students and area residents a chance to enhance their music appreciation through musical performance. It may be repeated for credit.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSP107 - Cardinal Pep Band

Overview

Description
This course is an instrumental ensemble designed to perform at athletic events and other school events. It may be repeated for credit. Audition and permission of instructor required.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSP110M - Chamber Singers

Overview

Description
This course introduces students to literature for the particular type of ensemble and includes involvement in regular public performances with other small ensembles. It is designed to provide a variety of vocal experiences for the student: chamber choral, male quartet, mixed quartet, female trio, duets, musical theater, etc. Ensemble membership is open to college students and area residents. This course may be repeated for credit. Audition and permission of instructor required.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSP111C - Chamber Ensemble

Overview

Description
This course consists of instrumental ensembles that are small groups of brass, woodwind, string, percussion, pit orchestra, or mixed instruments organized to perform a standard chamber music repertoire. Credit may be transferable and can be repeated for credit. Ensemble membership is open to college students and area residents. Audition and permission of instructor required.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSP111J - Brass/Jazz Ensemble

Overview

Description
This course consists of instrumental ensembles that are small groups of brass, woodwind, string, percussion, pit orchestra, or mixed instruments organized to perform a standard chamber music repertoire. Credit may be transferable and can be repeated for credit. Ensemble membership is open to college students and area residents. Audition and permission of instructor required.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSP111O - Cardinal Chamber Orchestra

Overview

Description
This course consists of instrumental ensembles that are small groups of brass, woodwind, string, percussion, pit orchestra, or mixed instruments organized to perform a standard chamber music repertoire. Credit may be transferable and can be repeated for credit. Ensemble membership is open to college students and area residents. Audition and permission of instructor required.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSP111P - Percussion Ensemble

Overview

Description
This course consists of instrumental ensembles that are small groups of brass, woodwind, string, percussion, pit orchestra, or mixed instruments organized to perform a standard chamber music repertoire. Credit may be transferable and can be repeated for credit. Ensemble membership is open to college students and area residents. Audition and permission of instructor required.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSP113 - North Idaho College Jazz Ensemble

Overview

Description
This course is an instrumental ensemble designed to perform jazz literature in all 20th century styles. Ensemble membership is open to college students and area residents. This course provides students and area residents a vehicle for jazz appreciation through performance. It may be repeated for credit. Audition and permission of instructor required.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

MUSP299 - Independent Study: Music

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

NURS115 - Wellness for Care Providers

Overview

Description
This course prepares students entering the Associate's Degree Nursing Program to maintain self-care as a priority, providing a foundation for subsequent nursing courses. Students will become familiar with the roles and responsibilities of the professional nurse in self-care and learn positive ways in which nurses can contribute to the culture of quality and safety in healthcare.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

NURS196 - LPN to RN Transition

Overview

Description
This course is intended for students who are Licensed Practical Nurses and are seeking advanced placement in the Associate Degree Nursing Program. This course is designed to provide content from the first year nursing courses that is not typically covered in the LPN programs. The course content includes legal and ethical issues, teaching and learning principles, therapeutic communication, group and nursing processes, and dosage calculations. The course consists of 30 hours of lecture and includes both classroom and online components. The 90-hour clinical component is designed to transition the LPN to the RN student role, as well as introduce the student to the ADN program requirements. This course is graded as satisfactory or unsatisfactory.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

NURS198 - Nursing Practice Clinical Practicum

Overview

Description
This course provides students with opportunities to apply the theory and skills from preceding nursing courses in clinical nursing practice. Patient care experience in an acute care health setting allows students to further develop skills in critical thinking and application of the nursing process, effective communication with patients, family and other health care providers, and implementing therapeutic nursing interventions. This course may be repeated twice for credit.

Credit Hours:
1

Offering Cycle
Summer Only

Yearly Cycle
All Years

NURS201 - Fundamentals of Nursing

Overview

Description
This course prepares students entering the Associate's Degree Nursing Program to care for others, while providing a foundation for subsequent nursing courses. Students will become familiar with the roles and responsibilities of the professional nurse, and the culture of quality and safety in healthcare.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C;

BIOL-227

Type
Prerequisite

BIOL-227

Take BIOL-227; Minimum grade C;

PSYC-101

Type
Prerequisite

PSYC-101

Take PSYC-101; Minimum grade C;

COMM-101

Type
Prerequisite

COMM-101

Take COMM-101; Minimum grade C;

GEM 3 MATH Course

Type
Prerequisite

GEM 3 MATH course

Take 1 courses; Minimum grade C; From rule RG.GEM3;

BIOL-228

Type
Corequisite

BIOL-228

Take BIOL-228;

SOC-101

Type
Corequisite

SOC-101

Take SOC-101;

NURS-210

Type
Corequisite

NURS-210

Take NURS-210;

NURS-215

Type
Corequisite

NURS-215

Take NURS-215;

NURS-225

Type
Corequisite

NURS-225

Take NURS-225;

NURS210 - Fundamentals of Nursing Lab

Overview

Description

This course prepares students entering the Associate's Degree Nursing Program to provide nursing care to assist individuals in meeting basic human needs, while providing a foundation for subsequent nursing courses. Students will apply concepts of quality and safety in the care of patients to meet basic human needs.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-227

Type
Prerequisite

BIOL-227

Take BIOL-227; Minimum grade C;

COMM-101

Type
Prerequisite

COMM-101

Take COMM-101; Minimum grade C;

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C;

GEM 3 MATH Course

Type
Prerequisite

GEM 3 MATH Course

Take 1 courses; Minimum grade C; From rule RG.GEM3;

PSYC-101

Type
Prerequisite

PSYC-101

Take PSYC-101; Minimum grade C;

BIOL-228

Type
Corequisite

BIOL-228

Take BIOL-228;

SOC-101

Type
Corequisite

SOC-101

Take SOC-101;

NURS-201

Type
Corequisite

NURS-201

Take NURS-201;

NURS-215

Type
Corequisite

NURS-215

Take NURS-215;

NURS-225

Type
Corequisite

NURS-225

Take NURS-225;

NURS215 - Physical Assessment with Lab

Overview

Description

This course prepares students to perform both comprehensive and focused physical assessments, while providing a foundation for subsequent nursing courses. Students will learn how to identify normal and abnormal assessment data, and document and communicate patient conditions.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-227

Type
Prerequisite

BIOL-227

Take BIOL-227; Minimum grade C;

COMM-101

Type
Prerequisite

COMM-101

Take COMM-101; Minimum grade C;

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C;

GEM 3 MATH Course

Type
Prerequisite

GEM 3 MATH Course

Take 1 courses; Minimum grade C; From rule RG.GEM3;

BIOL-228

Type
Corequisite

BIOL-228

Take BIOL-228;

SOC-101

Type
Corequisite

SOC-101

Take SOC-101;

NURS-201

Type
Corequisite

NURS-201

Take NURS-201;

NURS-210

Type
Corequisite

NURS-210

Take NURS-210;

NURS-225

Type
Corequisite

NURS-225

Take NURS-225;

PSYC-101

Type
Prerequisite

PSYC-101

Take PSYC-101; Minimum grade C;

NURS225 - Pharmacology in Nursing Practice

Overview

Description

This course prepares students in basic pharmacology concepts with an emphasis on safe administration of medications, while providing a foundation for subsequent nursing courses. Students will become familiar with medication classification, implications of medication administration in special populations, medication dosage calculation, error prevention systems, and clinical tools that support well-informed decision making.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C;

BIOL-227

Type
Prerequisite

BIOL-227

Take BIOL-227; Minimum grade C;

PSYC-101

Type
Prerequisite

PSYC-101

Take PSYC-101; Minimum grade C;

COMM-101

Type
Prerequisite

COMM-101

Take COMM-101; Minimum grade C;

GEM 3 MATH Course

Type
Prerequisite

GEM 3 MATH course

Take 1 courses; Minimum grade C; From rule RG.GEM3;

BIOL-228

Type
Corequisite

BIOL-228

Take BIOL-228;

SOC-101

Type
Corequisite

SOC-101

Take SOC-101;

NURS-210

Type
Corequisite

NURS-210

Take NURS-210;

NURS-215

Type
Corequisite

NURS-215

Take NURS-215;

NURS-201

Type
Corequisite

NURS-201

Take NURS-201;

NURS235 - Psychiatric Mental Health Nursing with Lab

Overview

Description

This course prepares students to provide nursing care to individuals with mental and behavioral problems. This course is a continuation of prior nursing courses. Students will apply the nursing process in support of evidence-based and equitable interdisciplinary care that maintains patient safety and promotes illness recovery.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-228

Type
Prerequisite

BIOL-228

Take BIOL-228; Minimum grade C;

NURS-115

Type
Prerequisite

NURS-115

Take NURS-115; Minimum grade C;

NURS-201

Type
Prerequisite

NURS-201

Take NURS-201; Minimum grade C;

NURS-210

Type
Prerequisite

NURS-210

Take NURS-210; Minimum grade C;

NURS-215

Type
Prerequisite

NURS-215

Take NURS-215; Minimum grade C;

NURS-225

Type
Prerequisite

NURS-225

Take NURS-225; Minimum grade C;

ENGL-102

Type
Corequisite

ENGL-102

Take ENGL-102;

BACT-250

Type
Corequisite

BACT-250

Take BACT-250;

NURS-250

Type
Corequisite

NURS-250

Take NURS-250;

NURS-255

Type
Corequisite

NURS-255

Take NURS-255;

SOC-101

Type
Prerequisite

SOC-101

Take SOC-101; Minimum grade C;

NURS240 - Nursing Care of Child-Bearing Families with Lab

Overview

Description

This course prepares students to provide nursing care to individuals and families within the childbearing continuum, which includes sexuality, childbirth, and children. This course is a continuation of prior nursing courses. Students will demonstrate the knowledge, skills, and attitudes necessary to prevent injury and provide safe care to this patient population. Students will demonstrate professional communication and standards during the planning and delivery of family-centered care.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BACT-250

Type
Prerequisite

BACT-250

Take BACT-250; Minimum grade C;

ENGL-102

Type
Prerequisite

ENGL-102

Take ENGL-102; Minimum grade C;

NURS-235

Type
Prerequisite

NURS-235

Take NURS-235; Minimum grade C;

GEM 5 Course

Type
Corequisite

GEM 5 Course

Take 1 courses; Minimum grade C; From rule RG.GEM5;

NURS-250

Type
Prerequisite

NURS-250

Take NURS-250; Minimum grade C;

NURS-255

Type
Prerequisite

NURS-255

Take NURS-255; Minimum grade C;

NURS-260

Type
Corequisite

NURS-260

Take NURS-260;

NURS-265

Type
Corequisite

NURS-265

Take NURS-265;

NURS245 - Community Health Nursing

Overview

Description

This course prepares students to provide nursing care across the lifespan to groups and populations with disease and health issues. This course is a continuation of prior nursing courses. Students will examine healthcare and habits of individuals and groups in various cultures and socioeconomic states. Students will also focus on health promotion and disease prevention and on methods to reduce morbidity and mortality. This course offers a service-learning component in the application of nursing knowledge, skills, and attitudes.

Credit Hours:

1

Offering Cycle

Fall and Spring Only

Yearly Cycle

All Years

Requisites

Simple Requisites

NURS-240

Type
Prerequisite

NURS-240

Take NURS-240; Minimum grade C;

GEM 5 Course

Type
Prerequisite

GEM 5 Course

Take 1 courses; Minimum grade C; From rule RG.GEM5;

GEM 5 Course (2)

Type
Corequisite

GEM 5 Course

Take 2 courses; Minimum grade C; From rule RG.GEM5;

INTR-250O

Type
Corequisite

INTR-250O

Take INTR-250O;

NURS-260

Type
Prerequisite

NURS-260

Take NURS-260; Minimum grade C;

NURS-265

Type
Prerequisite

NURS-265

Take NURS-265; Minimum grade C;

NURS-270

Type
Corequisite

NURS-270

Take NURS-270;

NURS-275

Type
Corequisite

NURS-275

Take NURS-275;

NURS250 - Medical Surgical Nursing I

Overview

Description

This course prepares students to provide nursing care to adult patients with acute and chronic medical-surgical conditions, with an emphasis on chronic conditions. This course is a continuation of prior nursing courses. Students will learn roles and responsibilities of the developing nurse in planning and delivering evidence-based patient care using the nursing process.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-228

Type
Prerequisite

BIOL-228

Take BIOL-228; Minimum grade C;

NURS-115

Type
Prerequisite

NURS-115

Take NURS-115; Minimum grade C;

NURS-201

Type
Prerequisite

NURS-201

Take NURS-201; Minimum grade C;

NURS-210

Type
Prerequisite

NURS-210

Take NURS-210; Minimum grade C;

NURS-215

Type
Prerequisite

NURS-215

Take NURS-215; Minimum grade C;

NURS-225

Type
Prerequisite

NURS-225

Take NURS-225; Minimum grade C;

SOC-101

Type
Prerequisite

SOC-101

Take SOC-101; Minimum grade C;

BACT-250

Type
Corequisite

BACT-250

Take BACT-250;

ENGL-102

Type
Corequisite

ENGL-102

Take ENGL-102;

NURS-235

Type
Corequisite

NURS-235

Take NURS-235;

NURS-255

Type
Corequisite

NURS-255

Take NURS-255;

NURS255 - Medical Surgical Nursing Lab I

Overview

Description

This course prepares students to provide nursing care to stable patients with acute and chronic illnesses. This course is a continuation of prior nursing courses. Students will apply roles and responsibilities of the developing nurse, collaborating with the healthcare team to plan and deliver evidence-based patient care using the nursing process.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BIOL-228

Type
Prerequisite

BIOL-228

Take BIOL-228; Minimum grade C;

NURS-115

Type
Prerequisite

NURS-115

Take NURS-115; Minimum grade C;

NURS-201

Type
Prerequisite

NURS-201

Take NURS-201; Minimum grade C;

NURS-210

Type
Prerequisite

NURS-210

Take NURS-210; Minimum grade C;

NURS-215

Type
Prerequisite

NURS-215

Take NURS-215; Minimum grade C;

NURS-225

Type
Prerequisite

NURS-225

Take NURS-225; Minimum grade C;

SOC-101

Type
Prerequisite

SOC-101

Take SOC-101; Minimum grade C;

BACT-250

Type
Corequisite

BACT-250

Take BACT-250;

ENGL-102

Type
Corequisite

ENGL-102

Take ENGL-102;

NURS-235

Type
Corequisite

NURS-235

Take NURS-235;

NURS-250

Type
Corequisite

NURS-250

Take NURS-250;

NURS260 - Medical Surgical Nursing II

Overview

Description

This course prepares students to integrate the knowledge, skills, and attitudes required to care for patients and families experiencing complex acute and chronic illness. This course is a continuation of prior nursing courses. Students will develop problem-solving and clinical reasoning skills necessary to coordinate and deliver comprehensive nursing care in a variety of settings using the nursing process.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BACT-250

Type
Prerequisite

BACT-250

Take BACT-250; Minimum grade C;

ENGL-102

Type
Prerequisite

ENGL-102

Take ENGL-102; Minimum grade C;

NURS-235

Type
Prerequisite

NURS-235

Take NURS-235; Minimum grade C;

GEM 5 Course

Type
Corequisite

GEM 5 Course

Take 1 courses; Minimum grade C; From rule RG.GEM5;

NURS-250

Type
Prerequisite

NURS-250

Take NURS-250; Minimum grade C;

NURS-255

Type
Prerequisite

NURS-255

Take NURS-255; Minimum grade C;

NURS-240

Type
Corequisite

NURS-240

Take NURS-240;

NURS-265

Type
Corequisite

NURS-265

Take NURS-265;

NURS265 - Medical Surgical Nursing Lab II

Overview

Description

This course prepares students to provide nursing care to patients in a variety of settings. This course is a continuation of prior nursing courses. Emphasis will be on the multiple dimensions of safe patient care, including teamwork, interprofessional communication technologies, and patient/family values. Students will demonstrate application of the nursing process that utilizes strategies based on research, clinical expertise, and quality improvement principles.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

BACT-250

Type
Prerequisite

BACT-250

Take BACT-250; Minimum grade C;

ENGL-102

Type
Prerequisite

ENGL-102

Take ENGL-102; Minimum grade C;

NURS-235

Type
Prerequisite

NURS-235

Take NURS-235; Minimum grade C;

NURS-250

Type
Prerequisite

NURS-250

Take NURS-250; Minimum grade C;

NURS-255

Type
Prerequisite

NURS-255

Take NURS-255; Minimum grade C;

GEM 5 Course

Type
Corequisite

GEM 5 Course

Take 1 courses; Minimum grade C; From rule RG.GEM5;

NURS-240

Type
Corequisite

NURS-240

Take NURS-240;

NURS-260

Type
Corequisite

NURS-260

Take NURS-260;

NURS270 - Transition to Nursing Practice

Overview

Description

This course prepares students to transition from nursing student to registered nurse. This course is a continuation of prior nursing courses. Students will be introduced to advanced concepts related to the role of the nurse as a member of the profession, provider of patient-centered care, patient advocate, and member of the healthcare team. Emphasis is placed on the utilization of evidence-based practice and informatics to promote safety and quality in healthcare. This course also provides additional instruction to assist students in career planning and development as well as preparing for NCLEX success and licensure.

Credit Hours:

1

Offering Cycle

Fall and Spring Only

Yearly Cycle

All Years

Requisites

Simple Requisites

NURS-240

Type
Prerequisite

NURS-240

Take NURS-240; Minimum grade C;

NURS-260

Type
Prerequisite

NURS-260

Take NURS-260; Minimum grade C;

NURS-265

Type
Prerequisite

NURS-265

Take NURS-265; Minimum grade C;

GEM 5 Course

Type
Corequisite

GEM 5 Course

Take 1 courses; Minimum grade C; From rule RG.GEM5;

INTR-250O

Type
Corequisite

INTR-250O

Take INTR-250O;

NURS-245

Type
Corequisite

NURS-245

Take NURS-245;

NURS-275

Type
Corequisite

NURS-275

Take NURS-275;

NURS275 - Transition to Nursing Practice Lab

Overview

Description

This course prepares students to provide safe and effective nursing care. This course is a continuation of prior nursing courses. Students will participate in clinical practicum experiences which provide opportunities to further develop competencies in patient-centered care, teamwork and collaboration, safety, quality, informatics, and evidence-based practice. Satisfactory completion of this course prepares students for entry into professional nursing practice.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

NURS-240

Type
Prerequisite

NURS-240

Take NURS-240; Minimum grade C;

NURS-260

Type
Prerequisite

NURS-260

Take NURS-260; Minimum grade C;

NURS-265

Type
Prerequisite

NURS-265

Take NURS-265; Minimum grade C;

GEM 5 Course

Type
Prerequisite

GEM 5 Course

Take 1 courses; Minimum grade C; From rule RG.GEM5;

GEM 5 Course (2)

Type
Corequisite

GEM 5 Course

Take 2 courses; Minimum grade C; From rule RG.GEM5;

INTR-250O

Type
Corequisite

INTR-250O

Take INTR-250O;

NURS-245

Type
Corequisite

NURS-245

Take NURS-245;

NURS-270

Type
Corequisite

NURS-270

Take NURS-270;

NURS299 - Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

PE105Z - Varsity Sports - Cheerleading

Overview

Description
This course involves instruction and practice in cheerleading for members of the NIC cheerleading squad. Areas developed include gymnastics, dance, communication, group leadership, and social skills. It provides experience for improving self-confidence, public performance, and gymnastic abilities. Students must participate in team tryouts to earn a place on the squad. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE110A - Beginning/Intermediate Swimming

Overview

Description
Students are taught fundamental swimming and water safety skills for the non-swimmer or beginner. This course requires two hours of practice weekly. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE110B - Begin Whitewater Kayaking

Overview

Description
This course introduces students to the lifetime sport of whitewater kayaking. Theoretical and practical aspects of kayaking equipment, trip planning, river hazards, reading whitewater, accidents, rescue issues, group leadership, and processing will be taught through lecture, discussion, video, and practical experience. Emphasis is placed on proper equipment, safety, and general preparedness for river outings. A strong component of the course will deal with leadership principles in the organization, presentation, and conduct of river outings. This is a beginning course. Do not expect to emerge from this course as a proficient boater or qualified instructor of whitewater kayaking. This course may be repeated for a total of four credits. Only one credit may apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE110C - Beginning Rock Climbing

Overview

Description
This course introduces the lifetime sport of rock climbing. It emphasizes the basic skills and knowledge needed for safe and enjoyable participation in this sport, including, climbing techniques, equipment, belay techniques, knots, rope work, anchors, safety, and rescue information. This course may be repeated for a total of four credits. Only one credit may be applied toward the Wellness requirements of GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE110CC - Tai Chi

Overview

Description
This course teaches a traditionally structured Tai Chi form that builds the physical skills and knowledge required for correct performance of Tai Chi Chuan. An emphasis on employing the eight methods and five directions, as well as demonstrating the 10 essential body principles during form practice is a focus of this course. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE110D - Beginning Sailing

Overview

Description
This course introduces students to the lifetime sport of sailing. Theoretical and practical aspects of sailing equipment, boat handling, terminology, basic navigation, and group leadership will be taught through lecture, discussion, video, and practical experience. Emphasis will be placed on proper equipment, safety, and general preparedness for sailing. A strong component of the course is leadership principles in the organization, presentation, and conduct of sailing trips. This is a beginning course. Do not expect to emerge from this course as a proficient sailor or qualified sailing instructor. This course may be repeated for a total of four credits. Only one credit may be applied toward the Wellness requirements of GEM 7.

Credit Hours:
1

Offering Cycle
Fall and Summer Only

Yearly Cycle
All Years

PE110E - Beginning Yoga

Overview

Description
This course develops techniques that enhance strength, flexibility, and body/mind awareness through breathing, yoga postures, concentration, and relaxation. This course may be repeated for a total of four credits. Only one credit may be applied toward the Wellness requirements of GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE110F - Cardiovascular Training

Overview

Description
This course enables students to improve their cardiovascular fitness and muscular strength, as well as gain knowledge about basic exercise physiology and personal health and wellness. Basic skills and knowledge include proper workout technique, setting up a workout program, and using target heart rate zones in training with heart rate monitoring equipment. Testing fitness levels and tracking nutrition intake is also an integral part of this course. May be repeated for a total of four credits. Only one credit may be applied toward the Wellness requirements of GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE110G - Equitation

Overview

Description
This course teaches the art and science of riding a horse. Equitation is different from all the other P.E. courses in that a student is working with a live animal with feelings and you need to learn teamwork, be partners, and learn to dance together. Students will learn how to approach, catch, halter, lead, and tie up horses using horse behavior and psychology to handle and control the horse at all times. Students will learn and use horse communication skills at all times. Students will learn how to prepare the horse for riding by proper grooming and feet cleaning procedures before putting the blanket, saddle, and bridle on. Students will learn how to mount properly as though without a cinch, guide the horse at the walk jog, canter in correct leads by using the correct aids, and ride by "feel." By using their mind and body, students will learn how to do lateral work, transition from one gait to another, stop, and back up under objectives. Safety, control, respect, relaxation, balance, and calmness, is stressed and practiced at all times. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

PE110I - Intermediate Yoga

Overview

Description
This course is designed to develop techniques which enhance strength, flexibility, and body/mind awareness through breathing, yoga postures, concentration, and relaxation. This course follows the beginning yoga course and builds on skills learned there. Outcomes, assessment, evaluation, and schedules remain similar or identical to the beginning course. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PE-110E

Type
Prerequisite

PE-110E

Take PE-110E; Minimum grade C-;

PE110J - Jogging/Powerwalking

Overview

Description
This course introduces the lifetime fitness activity of jogging/power walking. This course includes aerobic jogging/walking at a brisk, powerful pace using all of the major muscle groups in the upper and lower body simultaneously, resulting in a complete aerobic workout. Jogging/walking with power will help students achieve a high overall fitness level when done correctly for the proper amount of time. This course may be repeated for a total of four credits. Only one credit may be applied toward the Wellness requirements of GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE110L - Lake Kayak/Canoe

Overview

Description
This course introduces the lifetime sports of lake kayaking and canoeing. This course will emphasize the basic skills needed for safe and enjoyable participation in these sports. Basic skills and knowledge include equipment, paddle strokes, navigation, and essential kayaking/canoeing safety and rescue information. This course may be repeated for a total of four credits. Only one credit may apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE110M - Pilates

Overview

Description
This course focuses on core conditioning. This course encourages individuals to have a better body awareness. Students will challenge strength, balance, and learn principles of pilates and yoga. This course may be repeated for a total of four credits. Only one credit may apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE110O - Self-Defense

Overview

Description
This course introduces self-defense. The course emphasizes the basic skills needed for safe and enjoyable participation, along with self-defense skills for personal protection. This course may be repeated for a total of four credits. Only one credit may be applied toward the Wellness requirements of GEM 7.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE110P - Skiing/Snowboarding

Overview

Description
This course teaches basic skiing and snowboarding skills. The course focuses on skill improvement and development, equipment selection, and safety issues. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

PE110PP - Cross Country Skiing

Overview

Description
This course participates is a versatile winter sport activity. It incorporates full body movement with low physical impact on the body. The sport can be enjoyed by virtually all age groups and a wide variety of skiing abilities. The course will cover all aspects of cross country skiing, including the history of the sport, how to properly dress, purchasing and maintaining Nordic ski equipment and ski technique from beginning to more advanced skills, such as skating and telemarking. This course may be repeated for a total of four credits. Only one credit may be applied toward the Wellness requirements of GEM 7.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE110QQ - Zumba

Overview

Description
This course is a fitness program inspired by Latin dance. Zumba combines Latin rhythms with cardiovascular exercise to create an aerobic routine that is fun and easy to follow. This course may be repeated for a total of four credits. Only one credit may apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE110R - Strength Training

Overview

Description
This course teaches the lifetime fitness activity of weight training. The course will familiarize students with weight training equipment, teach proper training principles and mechanics, and help students develop a personalized training program. Weight training has been shown to improve metabolism, cardiovascular fitness, body composition, muscular strength/endurance, flexibility, and emotional wellbeing. This course may be repeated for a total of four credits. Only one credit may be applied toward the Wellness requirements of GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE110S - Swim Conditioning

Overview

Description
This course enables students to work on improving endurance, speed, and efficiency in the water as well as general cardiovascular fitness. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE110T - Tone and Trim

Overview

Description
This course focuses on total body conditioning. Students will use weights, balls, bands, steps, mats, and the great outdoors to improve their health. Students will experiment with many different forms of exercise including pilates, yoga, cardiovascular training, and total body strengthening. This course may be repeated for a total of four credits. Only one credit may apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE110TT - Spinning

Overview

Description
This course will introduce students to indoor cycling on a stationary bicycle. Students will learn how to cycle correctly and train indoors. Students will learn different hand positions and how to ride at different resistance and varying speeds. Students will have the opportunity to ride several different formats throughout the semester. This course may be repeated for a total of four credits. Only one credit can apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE110U - Water Aerobics

Overview

Description
This course is a low impact workout that utilizes water resistance to improve or maintain cardiovascular fitness, muscular fitness, flexibility, balance, and coordination. This is a fun activity class for all levels from beginner to advanced athletes. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE110V - Cardio Cross Training

Overview

Description
This course introduces multiple cardiovascular conditioning workouts. Students will learn how to monitor intensities through heart rate and ratings of perceived exertion; gain an understanding of progressive overload as it pertains to aerobic fitness; and improve technique, form, and coordination with a variety of aerobic based activities. This course may be repeated for a total of four credits. Only one credit can apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE110VV - Introduction to CrossFit

Overview

Description
This course introduces students to an incredibly effective strength and conditioning program. CrossFit utilizes functional workout movements that are varied and can be performed with an intensity level personalized to enhance health and wellness. Students will learn proper technique and mechanics for lifting, running, gymnastics, biking, rowing, pull-ups, push-ups, and other body weight exercises of CrossFit. It is a highly adaptable program, applicable for all fitness levels and ages, to support lifelong health. CrossFit is effective, usable, and best of all, fun. This course may be repeated for a total of four credits. Only one credit may be applied toward the Wellness requirements of GEM 7.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE110W - Mountain Biking

Overview

Description
This course introduces the lifetime sport of mountain biking. This course will emphasize the basic skills needed for safe and enjoyable participation. Basic skills and knowledge include bike maintenance and related equipment, riding techniques, and safety information. This course may be repeated for a total of four credits. Only one credit may apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

PE110X - Kenpo Karate

Overview

Description
This course is the study of Kenpo Karate. The course will emphasize the basic skills needed for safe and enjoyable participation, along with self-defense skills for personal protection. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE110Y - Bowling

Overview

Description
This course focuses on fundamental instruction in the activity of bowling. This is an introductory course. Topics include bowling basics and tips, warm up stretches, manual and computer scorekeeping, plus bowling etiquette and terms. While content is applicable to many levels of bowling, the coursework is focused on fundamentals of the game and aimed at introducing bowling as a sport to enjoy for exercise and recreation. This course may be repeated for a total of four credits. Only one credit may apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE110Z - Beginning Fly Fishing

Overview

Description
This course will teach students the basic skills related to catching fish with the use of a fly rod. This is an activity lab course where students will participate daily. Students will develop the skills and knowledge that they will be able to use in the natural environment. Instruction and participation will include casting, equipment, entomology, knot tying, safety, reading the water, approach, and presentation. Hands-on activities will include practice casting and knot tying skills. Each class will include a variety of visual presentations from the instructor and resource people from the community. We will conclude with a class fishing experience on the Coeur d'Alene River. This course may be repeated for a total of four credits. Only one credit may apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE111A - Basketball

Overview

Description
This course introduces the lifetime sport of basketball. The course will emphasize the basic skills needed for safe and enjoyable participation. The basic skills and knowledge include rules of the game, fundamentals, and strategies of the game, along with safety principles. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE111B - Beginning Golf

Overview

Description
This course introduces the lifetime sport of golf. The course will emphasize the basic skills needed for safe and enjoyable participation. The basic skills and knowledge include rules of the game, grip, stance, strokes, and safety principles. This course may be repeated for a total of four credits. Only one credit may be applied toward the Wellness requirements of GEM 7.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE111C - Multiple Sports

Overview

Description
This course introduces students to multiple sports for participation over a lifetime. The sports selected offer a mix of both team and individual sports, along with the emphasis on cardiovascular fitness. Each unit will be two to three weeks in length and consist of three phases: safety and skill development, rules of the game, and game competition. Sports will be selected from ultimate Frisbee, soccer, flag football, kickball, disc golf, whiffle ball, dodge ball, volleyball, 3-on-3 basketball, and 5-on-5 basketball. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE111D - Racquetball

Overview

Description
This course introduces the lifetime sport of racquetball. The course will emphasize the basic skills needed for safe and enjoyable participation. The basic skills and knowledge include rules of the game, grip, stance, racquet strokes, individual and doubles play, and safety principles. This course may be repeated for a total of four credits. Only one credit may be applied toward the Wellness requirements of GEM 7.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE111F - Beginning Tennis

Overview

Description
This course introduces the lifetime sport of tennis. The course will emphasize the basic skills needed for safe and enjoyable participation. The basic skills and knowledge include rules, etiquette, and game strategy. This course may be repeated for a total of four credits. Only one credit may apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE111H - Whitewater Rafting

Overview

Description
This course is an introduction to whitewater rafting. Paddling skills as well as river running competencies will be taught through hands-on experience on the river with attention given to the safety and logistical concerns of whitewater rafting. This course may be repeated for a total of four credits. Only one credit may apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE111O - Outdoor Adventures

Overview

Description
This course introduces the students to a variety of outdoor adventure sports. During the semester, students will be exposed to sea kayaking, sailing, whitewater rafting, hiking, rock climbing, snow shoeing, cross country skiing, and seasonal activities. Students will learn the very basics of each of these lifetime sports and hopefully pursue them in the future. This course may be repeated for a total of four credits.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE111P - Stand Up Paddle Boarding

Overview

Description
This course is designed to introduce and expose the participant to equipment, sufficient skills, and knowledge so that they can enjoy the sport of stand up paddling boarding. This course may be repeated for a total of four credits. Only one credit may apply toward the Wellness requirement in GEM 7.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE111T - Pickleball

Overview

Description
This course introduces students to the fundamental skills, rules, and strategies of pickleball, a rapidly growing lifelong sport combining elements of tennis, badminton, and table tennis. Students will develop proficiency in serving, return of serve, dinking, volleying, footwork, and basic shot selection through drills, guided practice, and match play. Emphasis is placed on proper technique, sportsmanship, and safe participation. The course also explores game strategy, scoring formats, and doubles play dynamics. No prior experience is required. This course promotes physical fitness, skill development, and confidence in participating in recreational pickleball beyond the classroom. This course may be repeated for a total of four credits. Only one credit may be applied toward the Wellness requirements of GEM 7.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE112B - Tai Chi for Seniors

Overview

Description
This course is an introductory course for an exercise system that is performed slowly in a relaxed fashion with fluid graceful motions and that is accessible for any fitness level. It is based on traditional Chinese philosophies and is useful for improving the health of body and mind. It increases balance, range of motion, and helps to relieve stress. Through learning Tai Chi, students develop techniques and skills which enhance balance, strength, bone density, flexibility, and general vitality. The course includes traditional warm-up of soft style calisthenics and acupoint massage, followed by a 24-movement simplified form of Tai Chi Chuan; with a traditional closing sequence of An-Mo (self-massage). Proper breathing, postural alignment, balance, weight shifting, and awareness of sequential muscular effort are emphasized throughout.

Credit Hours:
1

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE112BB - Intermediate Tai Chi for Seniors

Overview

Description
This course teaches a more complex, traditionally structured Tai Chi form that builds on the skills and knowledge of simplified Tai Chi acquired in the Tai Chi for Seniors course. An emphasis on employing the eight methods and five directions, as well as demonstrating the 10 essential body principles during form practice is a prime focus of this course.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE112E - Yoga for Seniors

Overview

Description
This course is an integrated system of education for the body, mind, and inner spirit. Yoga is all about being flexible. Yoga can be practiced by anyone, regardless of age or physical ability. It will enhance studies, reduce stress, and help students enjoy their free time.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE160 - Foundations of Physical Education

Overview

Description
This course presents an overview of the history and development of professional physical education and related fields including principles and objectives of program development and management. It is beneficial for students considering a career in physical education or recreation services.

Credit Hours:
3

Offering Cycle
Fall or Spring Only

Yearly Cycle
All Years

PE222 - Wellness Lifestyles

Overview

Description
This course examines contemporary health/wellness with emphasis on personal decision making and behavioral changes to create a personal lifestyle which promotes high level wellness.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE223 - Exercise Physiology

Overview

Description
This class will cover physiological responses/adaptations to exercise. Topics in this course include neuromuscular, metabolic, cardiovascular, hormonal, and respiratory systems as they pertain to acute and chronic exercise. The major goal of the class is to develop a basic understanding of exercise physiology that will: 1) allow the student to utilize exercise physiology in their daily lives and future profession, 2) prepare the student to take additional courses in exercise science.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

PE224 - Nutrition for Health, Fitness, and Exercise

Overview

Description
This course examines the basic concepts of nutrition related to exercise training to improve fitness, health, and athletic performance.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE225 - Sports Psychology

Overview

Description
This course provides an overview of the growing field of sports psychology, which involves applying psychological science to sports. Topics include how sports psychologists assist athletes and teams in setting and achieving sports, fitness, and exercises goals. Topics also include theoretical foundations of behavior, psychological interventions of performance problems, adherence and maintenance of gains, and the impaired athlete.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

PE226 - Stress Management

Overview

Description
This course explores the concepts of stress from a holistic approach, emphasizing identification of sources of stress, understanding physical and emotional consequences, and developing techniques for dealing with stress. Students will gain improved personal stress management skills through discussion and practice in communication techniques, nutrition, exercise, relaxation, and values clarification, while also learning strategies for dealing with change, loss, and enhancing self-esteem.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE227 - Legal Aspects of Sport and Recreation

Overview

Description
This course provides an examination of legal and legislative issues affecting sports-related activities. It will include a focus on some of the legal issues which arise in sport business as well as discussion of some of those which occur in professional sports arenas. The course focuses on risk management to discuss tort, contract, agency, constitutional law, antitrust law, labor law and intellectual property law in the sport industry. It also provides the student with a foundation of comprehensive information relevant to practitioners in the sport industry.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PE-160

Type
Prerequisite

PE-160

Take PE-160;

PE228 - Fitness Activities and Concepts

Overview

Description
This course includes individual fitness development with focus on developing personal skills in presenting and teaching fitness activities for public and private sector programs.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

PE230 - Sports Ethics

Overview

Description
This courses examines the interrelationship of sports with other aspects of culture: economics, drugs, gambling, and media will be among the topics studied in this course. The role of sports in American society will also be discussed.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

PE232 - Play and Game Theory

Overview

Description
This course offers instruction and practice in the principles of play and game strategy for high and low orgranization activities. It is beneficial for students considering a career in physical education or recreation.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE234 - Team Dynamics

Overview

Description
This course is designed to introduce students to the design and application of a challenge course, and to train students in the technical skills required to instruct and sequence various activities on a challenge course. Topics include team building, equipment, individual element description and safety, belay techniques, activity introduction and framing, spotting techniques, instructor awareness, activity variations and introductory processing, inspection, maintenance, emergency procedures, participant screening, accident reporting, and rescue skills. This course is the same as RRM-234.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

PE237A - Wilderness Backpacking

Overview

Description
This course teaches skills and knowledge needed for camping and traveling in a wilderness environment with special attention given to trip leadership. The course focuses on trip leadership, minimum-impact techniques, wilderness navigation, equipment selection, and safety issues.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

PE237B - Wilderness Survival

Overview

Description
This course provides students with basic life-support skills and knowledge to predict and prepare for emergencies encountered in a wilderness environment. Focus is on emergency procedures, life-support skills, signaling, equipment selection, and safety issues.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

PE237C - Whitewater Guiding

Overview

Description
This course develops whitewater guiding skills and competencies through hands-on experience with special attention given to the safety concerns of whitewater rafting. The skill and competencies include trip leadership, risk management, reading whitewater, maneuvering rafts, swift water rescue, and outfitting. This course is the same as RRM-237C.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

PE237D - Mountaineering

Overview

Description
This course provides a foundation of mountaineering skills with special attention given to trip leadership. Focus is also on snow and glacier travel, avalanche awareness, winter camping, backcountry travel, rock climbing, minimum-impact techniques, equipment selection, and safety issues. This course is the same as RRM-237D.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

PE237E - Outdoor Programming and Leadership

Overview

Description
This course develops the skills and knowledge needed for leading and programming outdoor adventure sports with special attention given to leadership and teaching methods. This course will focus on trip leadership, risk management, teaching methods, group dynamics, communication, activity selection, and methods of programming. This course is the same as RRM-237E.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

PE237F - Outdoor Navigation

Overview

Description
This course is designed to introduce students to the importance of using a map and compass while working and recreating. It will cover the reading of forest service and topographical maps which include symbols, legends, border information, and contour lines. The course includes the use of magnetic compasses and GPSs in an outdoor environment and functions that plot a course on maps. Supplemental navigation skills are included. This course is the same as RRM-237F.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

PE237G - Avalanche Level I

Overview

Description
This course will develop a good grounding in how to prepare for and carry out a trip, to understand basic decision making while in the field, and to learn rescue techniques required to find and retrieve a buried person in avalanche country. This course is the same as RRM-237G.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

PE237H - Introduction to Outdoor Cooking

Overview

Description
The course is designed to teach the basic skills needed to cook meals in an outdoor setting. Students will learn to plan and prepare satisfying and interesting meals using the supplies and equipment needed in an outdoor environment. This course is the same as RRM-237H.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

PE237J - Swift Water Rescue

Overview

Description
This course is designed to give students basic paddle and swift water rescue skills. The course teaches recognition and avoidance of common river hazards, execution of self-rescue techniques, and rescue techniques for paddlers in distress. Emphasis is placed both on personal safety and on simple, commonly used skills. Techniques for dealing with hazards that carry greater risks for both victim and rescuer, such as strainers, rescue vest applications, entrapments, and pins are also practiced. Scenarios will provide an opportunity for participants to practice their skills both individually and within a team/group context. Students will receive an American Canoe Association Level 4 Swift Water certificate. This course is the same as RRM-237J.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PE-237C or RRM-237C

Type
Prerequisite

PE-237C or RRM-237C

Take PE-237C or RRM-237C;

PE241C - Coaching Methods: Soccer

Overview

Description
This course offers instruction in methods of soccer with emphasis on fundamentals, strategy, conditioning, an practical applications. This course is beneficial to students considering a career in physical education with a coaching option who will need an endorsement for coaching sports at the interscholastic level.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

PE241D - Coaching Methods: Softball/Baseball

Overview

Description
This course offers instruction in methods of softball and baseball with emphasis on fundamentals, strategy, conditioning, and practical application. This course is beneficial to students considering a career in physical education with a coaching option who will need an endorsement for coaching sports at the interscholastic level.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

PE241E - Coaching Methods: Basketball

Overview

Description
This course offers instruction in methods of basketball with emphasis on fundamentals, strategy, conditioning, and practical applications. This course is beneficial to students considering a career in physical education with a coaching option who will need an endorsement for coaching sports at the interscholastic level.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

PE241F - Coaching Methods: Wrestling

Overview

Description
This course offers instruction in methods of wrestling with emphasis on fundamentals, strategy, conditioning, and practical applications. This course is beneficial to students considering a career in physical education with a coaching option who will need an endorsement for coaching sports at the interscholastic level.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

PE242 - Sports Officiating

Overview

Description
This course is designed to provide students opportunities to acquire knowledge, skill, and experience to function effectively as a sports official. This course stresses philosophy of officiating, officiating tips, code of ethics for officials, dealing with aggressive behavior, and preventative officiating. Other topics covered include personal equipment, pre-game and game duties, post-game duties, rules and regulations, and proper field or floor mechanics. The goal is to develop confidence as an official in order to feel comfortable refereeing intramural, AAU, city recreation, and high school games.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

PE248 - Athletic Injuries-Sports Medicine

Overview

Description
This course offers instruction and practice in the care, prevention, and evaluation of injuries common to athletics. It is designed for PE majors, coaches, and individuals considering a career in athletic training or physical therapy.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE250 - Clinical Athletic Training

Overview

Description
This course offers a traditional work experience for students interested in the field of athletic training. Students will provide care for varsity athletes while being under the direct supervision of a certified athletic trainer. Special emphasis will be placed on taping, wrapping, evaluation, and rehabilitation techniques.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PE-248

Type
Prerequisite

PE-248

Take PE-248; Minimum grade C-;

PE-288

Type
Prerequisite

PE-288

Take PE-288; Minimum grade C-;

PE251 - American Council of Exercise Personal Trainer Certification

Overview

Description
This course is designed to provide theoretical knowledge and practical skills in preparation for national certification exam in personal training. Topics include guidelines for instructing safe, effective, and purposeful exercise, essentials of the client-trainer relationship, conducting health and fitness assessments, and designing and implementing appropriate exercise programming.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
Even Years

PE259 - Lifeguard Training

Overview

Description
This course offers instruction for lifeguarding, waterpark lifeguarding, and waterfront lifeguarding. Skill development will cover rescue procedures and injury prevention. First Aid, CPR/AED, Emergency Oxygen, and blood borne pathogens prevention material will also be covered. Students may elect to qualify for American Red Cross (ARC) certification. To enroll, students must pass a rigorous swim test, demonstrating front crawl and breast strokes, treading water, and a timed retrieval of a 10 pound object from the deep end of the pool. For ARC certification, attendance of all sessions is required.

Credit Hours:
2

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PE288 - First Aid

Overview

Description
This course offers instruction and practice in the emergency care for victims of injury or sudden illness. Students will have an opportunity to qualify for certification in First Aid and CPR. It is designed for students interested in safety, prevention, and first aid treatment.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PE299 - Independent Study

Overview

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

PHAR150 - Introduction to Pharmacology

Overview

Description
This course is designed to provide an overview of pharmacologic principles with an emphasis on therapeutic drug classification. For each therapeutic drug classification, basic mechanism of drug actions, side effects, routes of administration, and common indications will be reviewed. Students will become familiar with common abbreviations and vocabulary terms related to drug therapy. Additionally, the course will prepare students to recognize the top 200 drugs (generic and brand name).

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PHAR299 - Pharmacy Tech Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PHIL101 - Introduction to Philosophy

Overview

Description
This course is the discovery and exploration of major intellectual problems of humankind through methods of questioning, analysis, synthesis, and critique. It emphasizes developing a worldview and higher-order reasoning skills through consideration of such issues as the nature of time and physical reality, mind and consciousness, free will, evil, truth, ethics, and the nature and existence of God. This course is for students interested in the meaning of life and the implications of modern science for understanding our world.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 or ENGL-101P(8607);

PHIL103 - Introduction to Ethics

Overview

Description
This course is the investigation and discussion of personal, social, and professional moral issues and the principles and thinking skills used for their resolution. Emphasis is on the development and application of reasoning skills for decision making in the moral domain. This course provides awareness, sensitivity, insights, and skills essential to the success and moral integrity of the person in today's morally complex world.

Credit Hours:
3

Offering Cycle
Fall or Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 or ENGL-101P(8607);

PHIL104 - Ethics in Health Care

Overview

Description
This course provides an introduction to ethical theories and their practical application to the real issues and bioethical dilemmas encountered by health care professionals. Typical issues include euthanasia, assisted suicide, personhood, human society and disease, costs and access to health care, moral value and responsibility conflicts, Code of Ethics, patient rights and the professional relationship.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or ENGL-101P

Take ENGL-101 or ENGL-101P(8607);

PHIL111 - World Religions

Overview

Description
This course presents an overview of the historical and cultural settings, main beliefs, and practices of American Indian indigenous spirituality, of the great Eastern religions (Hinduism, Buddhism, Taoism and Confucianism) and of the Western religions (Judaism, Christianity and Islam). Attention is given to similarities and differences in concepts of humanity and in relationship to society, nature, and the divine. This course is for students interested in humankind's religious heritage and cultures of other parts of the world.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 or ENGL-101P(8607);

PHIL197 - The Ethics of Artificial Intelligence

Overview

Description
This course provides an in-depth study of ethical issues resulting from the growing influence artificial intelligence has on our lives. How are predictive and generative A.I. influencing our lives? How much influence or control should we allow A.I. to have in the world? How should we balance the advancement of technology with the protection of human rights? Are A.I. algorithms biased? What role should A.I. play in our personal lives? Should A.I. ever have rights? The class will focus on the personal, professional, social, and political implications of A.I. by identifying related ethical dilemmas and exploring how we might address these dilemmas. Students will be exposed to a wide diversity of subject matter via lectures, readings, discussions, and other media in this exploration.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PHIL201 - Logic and Critical Thinking

Overview

Description
This course is a general introduction to the reasoning skills and psychological approaches used for effective decision-making, problem-solving, and argument analysis and evaluation. This course provides instruction in skills essential to success in everyday life, citizenship, and as a professional in any career.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101 or COMM-101

Type
Prerequisite

ENGL-101 or COMM-101

Take ENGL-101 ENGL-101P(8607) or COMM-101;

PHIL205 - Political and Social Philosophy

Overview

Description
This course examines the most influential thinkers in the tradition of Western political philosophy. What we understand today as representative government, democracy, communism, socialism, and capitalism are the institutional manifestations of such noteworthy minds as Aristotle, Plato, Jean-Jacques Rousseau, John Locke, James Madison, Niccolo Machiavelli, Thomas Hobbes, Adam Smith Alexis de Tocqueville, Karl Marx, and Chantal Delsol. Students taking this course will come to appreciate the powerful influence philosophy has had on the shape and structure of the various competing modern political traditions and ideologies. The class will conduct a thorough examination of each thinker's perspective on such issues as the ideal structure of government, the role of human nature in political theory, the relationship between freedom and authority, the role that equality, inequality, economics, and power play in politics, and the competing definitions of political legitimacy. Students taking this course will be well-equipped to defend their own positions in the contemporary debates over issues of social and political justice. This course is the same as POLS-208.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PHIL-101

Type
Prerequisite

PHIL-101

Take PHIL-101;

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

PHIL210 - History of Ancient Philosophy

Overview

Description

This course will examine the teachings of the ancient Greek philosophers and their influence on the later development of Western philosophy and culture. The course is organized around the pre-Socratic philosophers (Pythagoras, Heraclitus, and others), the Sophists, Socrates, Plato, and Aristotle and the fundamental questions they asked about human nature, reality, ethics, politics, economics, education, science, knowledge, religion, and happiness. Students in this course will be introduced to what the ancient Greeks understood as the wisdom tradition in philosophy with an exploration into the most fundamental and perennial questions of human existence.

Credit Hours:
3

Offering Cycle
Fall or Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PHIL-101

Type
Prerequisite

PHIL-101

Take PHIL-101;

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

PHIL215 - History of Modern Philosophy

Overview

Description

This course covers the major European thinkers of the Enlightenment period of the 17th and 18th centuries and examines the way in which their perspectives revolutionized European discourse concerning the nature and structure of reality and knowledge. Students will be introduced to the thought of Francis Bacon, Rene Descartes, Baruch Spinoza, John Locke, Immanuel Kant, Jean-Jacques Rousseau, Thomas Hobbes, and other major thinkers of the period. In addition, students will examine how Enlightenment philosophy led to new attitudes concerning religion, politics, ethics, economics, and human nature.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
Odd Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

PHIL-101

Type
Prerequisite

PHIL-101

Take PHIL-101;

PHIL220 - Asian Philosophy

Overview

Description

This course will examine for the most part the major Asian philosophical traditions of India and China, and to a lesser extent, Japan. These major traditions of India and China serve as the foundation for the "minor" philosophical traditions in Asia. For example, the Indian and Chinese traditions serve as a source for the philosophical traditions of Southeast Asia, Tibet, Korea, and Japan. We will focus on the main metaphysical, epistemological, political, and ethical issues that characterize each of these traditions, and to some extent we will compare these worldviews with western traditions where applicable. In addition, students will have the chance to read and reflect upon various modern and contemporary representatives of each of these traditions, such as Gandhi (India), Basho (Japan) and Anchee Min (China). This course is a timely introduction to the philosophical traditions of two of the major players on the world stage: India and China, and the course should help students to gain valuable sensitivity to the worldviews of two civilizations that will surely be gaining in extraordinary influence during the 21st century.

Credit Hours:
3

Offering Cycle
Fall or Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PHIL-101

Type
Prerequisite

PHIL-101

Take PHIL-101;

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101P(8607) ENGL-W099 or ENGL-102; Minimum grade C-;

PHIL222 - Environmental Ethics

Overview

Description

This course investigates the historical development of the relationship between humans and the environment and then explores the ethical questions that pertain to human choices regarding animals and the environment. Students will address such questions as: What is the environment and do we have an obligation to protect it? Do non-human animals have rights? What is the proper ethical balance between economic and environmental concerns regarding natural resources? Does the present generation have an ethical obligation to preserve a healthy environment for future generations?

Credit Hours:
3

Offering Cycle
Fall or Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607) or ENGL-102; Minimum grade C-;

PHIL-101

Type
Prerequisite

PHIL-101

Take PHIL-101;

PHYS100 - Survey of Physics From Classical Antiquity to Modern Physics

Overview

Description

This course offers a broad exploration of physics, surveying the development of key concepts from antiquity to modern times. Designed for non-science majors, it covers fundamental principles, notable experiments, and influential theories that have shaped our understanding of the universe. Students will gain insight into the scientific process and its role in shaping both technological advances and society. The course includes occasional hands-on experiments to help illustrate fundamental principles, making complex ideas accessible and relevant to everyday life. Through this comprehensive approach, students will see the diverse impact of physics on human progress and culture.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PHYS101 - Fundamentals of Physical Science

Overview

Description

This course is designed for the non-science major interested in an overview of the physical sciences and in developing an appreciation for the nature of the physical universe. It includes physics, chemistry, astronomy, and geology and their relation to the world and universe in which we live.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PHYS-101L

Type
Corequisite

PHYS-101L

Take PHYS-101L;

PHYS101L - Fund Phys Science Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PHYS-101

Type
Corequisite

PHYS-101

Take PHYS-101;

PHYS103 - Elementary Astronomy

Overview

Description
This course is an introductory study of astronomy. Topics include the history of astronomy; the motions and physical properties of the sun, moon, and Earth; the electromagnetic spectrum; solar system planets, satellites, and minor bodies; stars; galaxies; evolution of the solar system; the universe; and cosmology.

Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

PHYS-103L

Type
Corequisite

PHYS-103L

Take PHYS-103L;

PHYS103L - Elem Astronomy Lab

Overview

Credit Hours:
0

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

PHYS-103

Type
Corequisite

PHYS-103

Take PHYS-103;

PHYS111 - General Physics I

Overview

Description
This course is the study of mechanics, sound, linear and rotational motion momentum, energy, vectors, elasticity, vibration, and mechanical wave motion.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH placement

Type
Prerequisite

MATH-143 and MATH-144, or MATH-147, or an appropriate score on a placement test.

Take 1 group; # Take MATH-M050 MATH-T051 MTHP-253 MTHP-144 MTHP-160 MTHP-170 or MTHP-187; # Take MATH-144 MATH-147 MATH-160 MATH-170 MATH-175 MATH-187 or MATH-275; Minimum grade C-;

PHYS-111L

Type
Corequisite

PHYS-111L

Take PHYS-111L;

PHYS111L - General Physics I Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PHYS-111

Type
Corequisite

PHYS-111

Take PHYS-111;

PHYS112 - General Physics II

Overview

Description
This course is the study of electricity and magnetism, light, optics, and modern physics.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PHYS-111 or PHYS-211

Type
Prerequisite

PHYS-111 or PHYS-211

Take PHYS-111 or PHYS-211; Minimum grade C-;

PHYS-112L

Type
Corequisite

PHYS-112L

Take PHYS-112L;

PHYS112L - General Physics II Lab

Overview

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PHYS-112

Type
Corequisite

PHYS-112

Take PHYS-112;

PHYS211 - Engineering Physics I

Overview

Description
This course envelops the study of kinematics and dynamics, Newton's Laws, work and energy, rotational dynamics, linear and angular momentum, collisions, static equilibrium, oscillations, gravity, central forces, fluid dynamics, and sounds waves.

Credit Hours:
5

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH placement

Type
Prerequisite

MATH-147, or MATH-143 and MATH-144, or an appropriate score on a placement test.

Take 1 group; # Take MATH-144 MATH-147 MATH-160 MATH-170 MATH-175 or MATH-253; Minimum grade C-; # Take MATH-M060 MTHP-170 MTHP-187 or MATH-T099;

MATH-170

Type
Corequisite

MATH-170

Take MATH-170;

PHYS-211L

Type
Corequisite

PHYS-211L

Take PHYS-211L;

PHYS211L - Engineering Physics Lab I

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PHYS-211

Type
Corequisite

PHYS-211

Take PHYS-211;

PHYS212 - Engineering Physics II

Overview

Description
This course is the study of heat and thermodynamics, electric and magnetic fields and potentials, DC and AC circuits, electromagnetic waves, and geometric and physical optics.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MATH-170

Type
Prerequisite

MATH-170

Take MATH-170 MATH-175 MATH-187 MATH-253 or MATH-275; Minimum grade C-;

MATH-175

Type
Corequisite

MATH-175

Take MATH-175;

PHYS-212L

Type
Corequisite

PHYS-212L

Take PHYS-212L;

PHYS-211

Type
Prerequisite

PHYS-211

Take PHYS-211; Minimum grade C-;

PHYS212L - Engr Physics Lab II

Overview

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PHYS-212

Type
Corequisite

PHYS-212

Take PHYS-212;

PLAP101 - Plumbing Apprenticeship 1st Yr

Overview

Credit Hours:
1

Maximum Credit Hours:
14

PLAP102 - Plumbing Apprenticeship 2nd Yr

Overview

Credit Hours:
1

Maximum Credit Hours:
14

PLAP103 - Plumbing Apprenticeship 3rd Year

Overview

Credit Hours:
1

Maximum Credit Hours:
14

PLAP104 - Plumbing Apprenticeship 4th Year

Overview

Credit Hours:
1

Maximum Credit Hours:
14

PLEG100 - Introduction to Law

Overview

Description
This course is an introduction to the foundation of the United States government and the evolution of constitutional principles. It will delve into American and Idaho legal institutions and processes. It examines the sources of law, the relationships between the federal and state court systems, legal reasoning, ethical standards, and the role of the paralegal.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PLEG102 - Legal Terminology

Overview

Description
This course introduces the spelling, pronunciation, definition, and usage of basic legal terms. The course covers general law terms as well as specialized legal terminology. Topics include word origins, word building, abbreviations and symbols, correct spelling, pronunciation, and meanings of terminology related to the legal system: Contracts, Family Law, Real Estate, Litigation, Wills/Probate, Bankruptcy, and Criminal Law. Once the understanding of terms are established, the course will explore how to apply these terms in practical context within the legal field.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

PLEG112 - Fundamentals of Legal Support

Overview

Description

This course introduces students to the essential skills and tools required to excel as a legal support professional. Students will learn how to create and manage legal templates, navigate iCourts systems, including e-Filing processes, and effectively organize and maintain attorney calendars and case management files. The course emphasizes practical knowledge for assisting attorneys in preparing for court, managing client communications, and maintaining efficient workflows. By the end of the course, students will possess a strong foundation in legal support tasks, setting the stage for success in law offices and legal departments.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PLEG100 PLEG102

Type
Corequisite

PLEG-100 and PLEG-102

Take PLEG-100 PLEG-102;

PLEG120 - Legal Ethics and Prof Responsibilities

Overview

Description

This course will examine specific legal issues pertaining to the laws of Legal Ethics. The Code of Professional Responsibility and the Code of Judicial Ethics are used to examine the boundaries of authorized practices, confidentiality, and delegation of authority. Students will explore the legal ethical framework and use a hands on approach to foster critical thinking when applied to real-world ethical dilemmas.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

PLEG204 - Legal Research and Writing I

Overview

Description
This course is an introduction to legal resource materials and methodology. Research skills are developed through law library research and drafting assignments. Emphasis is placed on the use of the legal database and on effective communication of research results through the drafting and preparation of legal documents and instruments.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL101

Type
Prerequisite

ENGL-101 or ENGL-101P

Take ENGL-101 or ENGL-101P(9167);

PLEG100

Type
Prerequisite

PLEG-100

Take PLEG-100;

PLEG102

Type
Prerequisite

PLEG-102

Take PLEG-102;

PLEG214 - Legal Research and Writing II

Overview

Description
This course is a continuation of PLEG-204 with emphasis on the further development of research techniques. Discussion topics include administrative and executive agency research, legislative research, non-legal reference materials, and loose-leaf services. Advanced processes in drafting and preparation of legal documents and instruments are emphasized.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PLEG204

Type
Prerequisite

PLEG-204

Take PLEG-204;

PLEG231 - Legal Evid: Prin Types & Admis Legal Sys

Overview

Description
This course will examine specific legal issues pertaining to the laws of evidence. Areas of study include the functions of the judge and jury, the principles of standard and burden of proof in civil and criminal cases, the admissibility of evidence, cross examination and re-examination, trial procedures, hearsay evidence, competence and compellability of witness, character evidence and corroborating evidence.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PLEG100

Type
Prerequisite

PLEG-100 and PLEG-102 and PLEG-204

Take PLEG-100 PLEG-102 PLEG-204;

PLEG102

Type
Prerequisite

PLEG-102

Take PLEG-102;

PLEG204

Type
Prerequisite

PLEG-204

Take PLEG-204;

PLEG250 - Family Law

Overview

Description
This course is a study of Idaho laws and procedures. Discussion topics include marriage and dissolution of marriage; child custody, visitation, and support; adoptions; domestic violence; and property rights.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PLEG-115

Type
Prerequisite

PLEG-115

Take PLEG-115; Minimum grade C-;

PLEG257 - Civil Procedure & Litigation I

Overview

Description
This course is designed to teach students the steps necessary to institute and advance a civil lawsuit from the initial client interview through trial. Emphasis is placed on drafting documents instrumental in a civil lawsuit as well as understanding the process. Students will deepen their understanding by examining tort law in greater detail, providing a comprehensive view of the legal landscape.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PLEG100

Type
Prerequisite

PLEG-100

Take PLEG-100;

PLEG102

Type
Prerequisite

PLEG-102

Take PLEG-102;

PLEG258 - Civil Law and Procedures II

Overview

Description
This course is a study of Idaho laws and procedures. It will focus primarily on Family Law, including Child Protection matters, Real Estate Law, Business Law, and General Law. The semester includes a study of Contract Law as found in the Common Law and Article Two of the Uniform Commercial Code.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PLEG100

Type
Prerequisite

PLEG-100

Take PLEG-100;

PLEG102

Type
Prerequisite

PLEG-102

Take PLEG-102;

PLEG120

Type
Prerequisite

PLEG-120

Take PLEG-120;

PLEG257

Type
Prerequisite

PLEG-257

Take PLEG-257;

PLEG261 - Criminal Law and Procedure

Overview

Description
This course is an exploration of the criminal justice system including the application of Idaho laws. Discussion topics include a study of the definition of a crime, institution of criminal action, defenses to criminal accusation, the court process, negotiated and formal pleadings, constitutional safeguards, and sentencing and probation.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PLEG102

Type
Prerequisite

PLEG-102

Take PLEG-102;

PLEG290 - Paralegal Internship I

Overview

Description
This course provides a practical application of paralegal skills in a law office or law-related office. There are approximately nine hours per week of supervised work in the office to add breadth and depth to the student's paralegal experiences.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

PLEG-105

Type
Prerequisite

PLEG-105

Take PLEG-105; Minimum grade C-;

PLEG-110

Type
Prerequisite

PLEG-110

Take PLEG-110; Minimum grade C-;

PLEG-115

Type
Prerequisite

PLEG-115

Take PLEG-115; Minimum grade C-;

PLEG-210

Type
Prerequisite

PLEG-210

Take PLEG-210; Minimum grade C-;

PN110 - Practical Nursing Theory I

Overview

Description
This course includes an introduction to the fundamentals of nursing and therapeutic skills and uses a lifespan approach to help students understand the theory of oxygenation, circulation, nutrition, fluid balance, elimination, activity, and safety needs of patients of all ages. This course applies principles in providing care for psychiatric, geriatric, and maternal-newborn patients.

Credit Hours:
6

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PN-110L

Type
Corequisite

PN-110L

Take PN-110L;

PN110L - Practical Nursing Lab 1

Overview

Description
This course correlates with PN-110 Practical Nursing Theory I through supervised practice providing patient care. This class utilizes the campus laboratory for skills practice and clinical settings such a care facilities, behavioral health centers, and home health agencies for actual practice. It comprises a progression of nursing skills.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PN-110

Type
Corequisite

PN-110

Take PN-110;

PN111 - Practical Nursing Theory II

Overview

Description
This course explores nursing responsibilities in more complex diseases of major body systems. Medical-surgical, pediatric nursing, IV therapy, phlebotomy and blood administration are covered.

Credit Hours:
7

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PN-111L

Type
Corequisite

PN-111L

Take PN-111L;

PN-110

Type
Prerequisite

PN-110

Take PN-110; Minimum grade C;

PN-110L

Type
Prerequisite

PN-110L

Take PN-110L; Minimum grade C;

PN111L - Practical Nursing Lab II

Overview

Description
This course correlates with PN-111 Practical Nursing Theory II through supervised practice in clinical settings. Students may rotate through medical-surgical, pediatric units, operating room, recover room, short stay unit, minor care, EKG, respiratory therapy, clinics, and physician offices. IV therapy certification in included.

Credit Hours:
5

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PN-111

Type
Corequisite

PN-111

Take PN-111;

PN112 - Practical Nursing Theory III

Overview

Description
This course covers emergency nursing, oncology, advanced concepts of geriatric care and nursing management/leadership. A review of all previous nursing theory will be provided.

Credit Hours:
2

Offering Cycle
Summer Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PN-112L

Type
Corequisite

PN-112L

Take PN-112L;

PN-111

Type
Prerequisite

PN-111

Take PN-111; Minimum grade C;

PN-111L

Type
Prerequisite

PN-111L

Take PN-111L; Minimum grade C;

PN112L - Practical Nursing Lab III

Overview

Description
This course is a supervised clinical experience that takes place in various health care settings including acute care hospitals, nursing homes, and physicians' offices. Students complete a clinical preceptorship in a chosen field of interest.

Credit Hours:
4

Offering Cycle
Summer Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PN-112

Type
Corequisite

PN-112:

Take PN-112;

POLS101 - American National Government

Overview

Description
This course is the study of the foundation of the United States government and the evolution of constitutional principles. Special attention is given to the Declaration of Independence, the United States Constitution, the three branches of national government, powers and limits of national government, civil rights, political parties, campaigns, political participation, interest groups, media, public opinion, and select public policies. This is an essential course for students majoring in political science, pre-law, or law enforcement.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

POLS105 - Introduction to Political Science

Overview

Description

This course is designed to introduce students to several areas of political science such as international relations, comparative politics, political philosophy, and research methods. Important theories and models to politics will be introduced as well as how political science study is conducted. Students typically will be required to write a literature review on a political topic of their choice and offer suggestions on how future research could be conducted. This course addresses cultural diversity by giving students an introduction into different philosophies of government and how various political systems of the world may be organized. This course is ideal for anyone interested in political science.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101 ENGL-101P(8607);

POLS208 - Political and Social Philosophy

Overview

Description

This course examines the most influential thinkers in the tradition of Western political philosophy. What we understand today as representative government, democracy, communism, socialism, and capitalism are the institutional manifestations of such noteworthy minds as Aristotle, Plato, Jean-Jacques Rousseau, John Locke, James Madison, Niccolo Machiavelli, Thomas Hobbes, Adam Smith Alexis de Tocqueville, Karl Marx, and Chantal Delsol. Students taking this course will come to appreciate the powerful influence philosophy has had on the shape and structure of the various competing modern political traditions and ideologies. The class will conduct a thorough examination of each thinker's perspective on such issues as the ideal structure of government, the role of human nature in political theory, the relationship between freedom and authority, the role that equality, inequality, economics, and power play in politics, and the competing definitions of political legitimacy. Students taking this course will be well-equipped to defend their own positions in the contemporary debates over issues of social and political justice. This course is the same as PHIL-205.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ENGL-101

Type
Prerequisite

ENGL-101 or an appropriate score on a placement test.

Take ENGL-101 ENGL-101P(8607) ENGL-W099 or ENGL-102; Minimum grade C-;

PHIL-101

Type
Prerequisite

PHIL-101

Take PHIL-101;

POLS237 - International Politics and Problems

Overview

Description
This course examines the causes of war and the determinants of peace between nations. Special attention is also devoted to the future prospects or roadblocks toward global governance. Students will learn about various topics that nations face when relating to each other such as foreign policy, development, human rights, terrorism, energy, the environment, and international economic issues. The major theories of international relations and the assumptions that are important to each theory are discussed. The United Nations and other international organizations will be introduced along with the covenants and treaties that such groups administer. This course is ideal for anyone interested in global politics.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

POLS275 - State and Local Government

Overview

Description
This course uses a comparative approach to examine the characteristics and qualities of both state and local governments. Emphasis is placed on how local and state governments are organized and how they operate. Additional issues that are examined from a state and local government context include federalism, the role of political parties, participation, land use, finances, and various policies that are important to government at the state and local levels.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

POLS298 - Political Involvement Practicum

Overview

Description
This course offers credit for involvement and service to government, political parties or other entities that may offer a student political or legal experience. Typically, students volunteer as an intern. The goals of this practicum are to gain practical knowledge of politics and provide service to the community. Requirements include supervision by a representative of the hosting organization and an NIC political science instructor. Permission of the instructor is required and enrollment is dependent on the instructor and student finding a suitable position. Students should contact the instructor several weeks or more before enrollment, as some opportunities require specific applications and background checks.

Credit Hours:
1

Maximum Credit Hours:
6

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

POLS299 - Political Science Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PSYC101 - Introduction to Psychology

Overview

Description

This course provides students with a general overview of the science which seeks to understand and explain behavior and mental processing. Variations in psychology faculty training and research interest influence topic emphasis. However, students will be introduced to many of the major contemporary theories and concepts in psychology. This course will prove interesting and useful to those students wishing to better understand human behavior and thinking. It should prove helpful to students preparing for a career that will bring them into contact with other people.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

PSYC205 - Developmental Psychology

Overview

Description

This course covers the full spectrum of human development from conception through death. Students examine the biological, cognitive, and social aspects of an individual's development. Individual faculty preparation will determine areas of emphasis. This course is valuable to students pursuing a career that will necessitate working with and being sensitive to people of various ages (teachers, social workers, nurses, law enforcement officers, etc.).

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

PSYC-101

Type
Prerequisite

PSYC-101

Take 1 group; # Take PSYC-101; Minimum grade C-; # Take ORPSYC-205;

PSYC210 - Psychology of Personality

Overview

Description
This course is a study of theory and research of the normal personality including basic concepts, techniques of measurement, and relevant findings. This course surveys the major theories of personality, including trait, psychodynamic, humanistic, cognitive, and behavioral perspectives.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PSYC-101

Type
Prerequisite

PSYC-101

Take PSYC-101; Minimum grade C-;

PSYC211 - Abnormal Psychology

Overview

Description
This course provides a study of the nature, cause, treatment, and prevention of patterns of emotional disturbance and personality disorganization. It introduces the major categories of mental disorders as defined in the DSM.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

PSYC-101

Type
Prerequisite

PSYC-101

Take PSYC-101; Minimum grade C-;

PSYC218 - Introduction to Research in the Behavioral Sciences

Overview

Description

This course is primarily designed for behavioral and social science majors. In this course, students will be introduced to the basic methods of behavioral research. This will be accomplished through active participation in the design, implementation, and analysis of class research projects. This course involves three hours of lecture and a two-hour lab per week. This course is applicable for those students who plan to pursue an undergraduate and graduate degree in one of the behavioral or social sciences.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PSYC-101

Type
Prerequisite

PSYC-101

Take PSYC-101; Minimum grade C-;

PSYC-218L

Type
Corequisite

PSYC-218L

Take PSYC-218L;

PSYC218L - Res/Behav Sci Lab

Overview

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PSYC-218

Type
Corequisite

PSYC-218

Take PSYC-218;

PTAE101 - Physical Therapy in Health Care

Overview

Description
This course studies the role of physical therapy in the health care world. Discussions include the role of the physical therapist assistant (PTA), the relationship between the PTA and the physical therapist (PT), and the delivery of physical therapy care. An introduction to the "patient/client" and the overall health care team is included. Health care ethics, standards specific to physical therapist assistants, diverse patient populations, and other topics are explored.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-107

Type
Corequisite

PTAE-107

Take PTAE-107;

PTAE-110

Type
Corequisite

PTAE-110

Take PTAE-110;

PTAE-211

Type
Corequisite

PTAE-211

Take PTAE-211;

PTAE107 - Kinesiology

Overview

Description
This course will study human movement and the functional anatomy of the human body. The framework of musculoskeletal anatomy, muscle stabilization, balance, and function in daily activities is applied to physical therapy care. Normal and abnormal mechanics of body movement is explored. Students analyze tasks that span from simple activities of daily living to more complex occupational and athletic tasks.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-107L

Type
Corequisite

PTAE-107L

Take PTAE-107L;

PTAE-101

Type
Corequisite

PTAE-101

Take PTAE-101;

PTAE-110

Type
Corequisite

PTAE-110

Take PTAE-110;

PTAE-211

Type
Corequisite

PTAE-211

PTAE107L - Kinesiology Lab

Overview

Description
This course is a corequisite lab for PTAE-107.

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-107

Type
Corequisite

PTAE-107

Take PTAE-107;

PTAE110 - Principles and Procedures

Overview

Description
This course develops competencies in treatment interventions used by physical therapist assistants. The rationale for treatment, progression of treatment, and working under the direction of the physical therapist are emphasized. Students learn skills such as bed mobility, range of motion, transfers, gait training, assistive device use, and wheelchair mobility. Infection control and safety for patients, self, and others are emphasized.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-110L

Type
Corequisite

PTAE-110L

Take PTAE-110L;

PTAE-101

Type
Corequisite

PTAE-101

Take PTAE-101;

PTAE-107

Type
Corequisite

PTAE-107

Take PTAE-107;

PTAE-211

Type
Corequisite

PTAE-211

PTAE110L - Principles and Procedures Lab

Overview

Description
This course is a corequisite lab for PTAE-110.

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-110

Type
Corequisite

PTAE-110

Take PTAE-110;

PTAE113 - Clinical Pathology

Overview

Description
This course is an overview of basic disease progression and classification with special emphasis on the inflammatory response are presented in this course. Exploration of pathologies that include: oncology, developmental and genetic diseases, hemodynamic disorders, nutritional pathology, infectious disease, cardiovascular and pulmonary disorders, lymphatic, endocrine, and dermatological disorders. Musculoskeletal and other pathologies treated with physical therapy interventions are also explored.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-207

Type
Prerequisite

PTAE-207

Take PTAE-207; Minimum grade C;

PTAE-208

Type
Prerequisite

PTAE-208

Take PTAE-208; Minimum grade C;

PTAE-217

Type
Prerequisite

PTAE-217

Take PTAE-217; Minimum grade C;

PTAE-204

Type
Corequisite

PTAE-204

Take PTAE-204;

PTAE-240

Type
Corequisite

PTAE-240

Take PTAE-240;

PTAE204 - Therapeutic Modalities

Overview

Description
This course provides an in-depth understanding of therapeutic modalities used as adjunts to physical therapy interventions. Students develop competence in the application of therapeutic modalities including heat, cold, electrotherapy, intermittent compression, massage, traction, and ultrasound. The use of hydrotherapy and various treatments for wound care are explored. Evidenced-based practice and indications/contraindications are emphasized.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-204L

Type
Corequisite

PTAE-204L

Take PTAE-204L;

PTAE-113

Type
Corequisite

PTAE-113

Take PTAE-113;

PTAE-240

Type
Corequisite

PTAE-240

Take PTAE-240;

PTAE-207

Type
Prerequisite

PTAE-207

Take PTAE-207; Minimum grade C;

PTAE-208

Type
Prerequisite

PTAE-208

Take PTAE-208; Minimum grade C;

PTAE-211

Type
Prerequisite

PTAE-211

Take PTAE-211; Minimum grade C;

PTAE-217

Type
Prerequisite

PTAE-217

Take PTAE-217; Minimum grade C;

PTAE204L - Therapeutic Modalities Lab

Overview

Description
This course is a corequisite lab for PTAE-204L.

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-204

Type
Corequisite

PTAE-204

Take PTAE-204;

PTAE207 - Therapeutic Exercise

Overview

Description
This course presents strengthening and conditioning principles and how these principles relate to rehabilitation of dysfunction. Students learn how range of motion, strength, endurance, power, speed, agility, balance, proprioception and kinesthesia relate to function and rehabilitation.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-207L

Type
Corequisite

PTAE-207L

Take PTAE-207L;

PTAE-208

Type
Corequisite

PTAE-208

Take PTAE-208;

PTAE-217

Type
Corequisite

PTAE-217

Take PTAE-217;

PTAE-101

Type
Prerequisite

PTAE-101

Take PTAE-101; Minimum grade C;

PTAE-107

Type
Prerequisite

PTAE-107

Take PTAE-107; Minimum grade C;

PTAE-110

Type
Prerequisite

PTAE-110

Take PTAE-110; Minimum grade C;

PTAE-211

Type
Prerequisite

PTAE-211

Take PTAE-211; Minimum grade C;

PTAE207L - Therapeutic Exercise Lab

Overview

Description
This course is a corequisite lab for PTAE-207.

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-207

Type
Corequisite

PTAE-207

Take PTAE-207;

PTAE208 - Orthopedic Rehabilitation

Overview

Description
This course emphasizes development, progression, and understanding of therapeutic exercise and other treatment practices for patients with musculoskeletal pathologies. Only those students who have successfully completed previous PTAE program coursework are eligible to enroll in this course.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-208L

Type
Corequisite

PTAE-208L

Take PTAE-208L;

PTAE-207

Type
Corequisite

PTAE-207

Take PTAE-207;

PTAE-217

Type
Corequisite

PTAE-217

Take PTAE-217;

PTAE-101

Type
Prerequisite

PTAE-101

Take PTAE-101; Minimum grade C;

PTAE-107

Type
Prerequisite

PTAE-107

Take PTAE-107; Minimum grade C;

PTAE-110

Type
Prerequisite

PTAE-110

Take PTAE-110; Minimum grade C;

PTAE-211

Type
Prerequisite

PTAE-211

Take PTAE-211; Minimum grade C;

PTAE208L - Orthopedic Rehabilitation Lab

Overview

Description
This course is a corequisite lab for PTAE-208.

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-208

Type
Corequisite

PTAE-208

Take PTAE-208;

PTAE211 - Data Collections

Overview

Description
This course will develop competence in the skills of measurements used in physical therapy. The use of goniometers, blood pressure cuffs, grip meters, and other tools of measurement are included. Analyzing gait, posture, and measuring muscle strength are included. Lab assessments include the reporting of observable and measureable data and their significance to patient progress. Emphasis is given to effective oral and written communication for reporting and documentation.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-211L

Type
Corequisite

PTAE-211L

Take PTAE-211L;

PTAE-101

Type
Corequisite

PTAE-101

Take PTAE-101;

PTAE-107

Type
Corequisite

PTAE-107

Take PTAE-107;

PTAE-110

Type
Corequisite

PTAE-110

Take PTAE-110;

PTAE211L - Data Collections Lab

Overview

Description
This course is a corequisite lab for PTAE-211.

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-211

Type
Corequisite

PTAE-211

Take PTAE-211;

PTAE215 - Special Populations

Overview

Description
This course introduces the therapeutic principles and practices underlying the treatment of patients with amputations, burns, cardiopulmonary pathologies and considerations, women's health issues, and selected age-specific disorders.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-215L

Type
Corequisite

PTAE-215L

Take PTAE-215L;

PTAE-221

Type
Corequisite

PTAE-221

Take PTAE-221;

PTAE-241

Type
Corequisite

PTAE-241

Take PTAE-241;

PTAE-204

Type
Prerequisite

PTAE-204

Take PTAE-204; Minimum grade C;

PTAE-113

Type
Prerequisite

PTAE-113

Take PTAE-113; Minimum grade C;

PTAE-240

Type
Prerequisite

PTAE-240

Take PTAE-240; Minimum grade C;

PTAE215L - Special Populations Lab

Overview

Description
This course is a corequisite lab for PTAE-215.

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-215

Type
Corequisite

PTAE-215

Take PTAE-215;

PTAE217 - Neurological Rehabilitation

Overview

Description
This course guides students through the principles and practices used in the rehabilitation of individuals with neurological conditions. The principles incorporate musculoskeletal and neurological therapeutic exercise across the lifespan. Proprioceptive neuromuscular facilitation, neurodevelopmental theory and other facilitation techniques are learned. Pediatric training for developmental conditions is explored.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-217L

Type
Corequisite

PTAE-217L

Take PTAE-217L;

PTAE-207

Type
Corequisite

PTAE-207

Take PTAE-207;

PTAE-208

Type
Corequisite

PTAE-208

Take PTAE-208;

PTAE-101

Type
Prerequisite

PTAE-101

Take PTAE-101; Minimum grade C;

PTAE-107

Type
Prerequisite

PTAE-107

Take PTAE-107; Minimum grade C;

PTAE-110

Type
Prerequisite

PTAE-110

Take PTAE-110; Minimum grade C;

PTAE-211

Type
Prerequisite

PTAE-211

Take PTAE-211; Minimum grade C;

PTAE217L - Neurological Rahabilitation Lab

Overview

Description
This course is a corequisite lab PTAE-217.

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-217

Type
Corequisite

PTAE-217

Take PTAE-217;

PTAE221 - Seminar

Overview

Description
Psychosocial considerations are reviewed with application to cultural/gender/aging/family dynamics in relation to disease, dysfunction, death and dying, and the grieving process. In addition, caregiver self-care, assertive communication, and clinical burnout are presented. Includes an introduction to effective administration aspects of varied physical therapy environments. Preparation for entering the physical therapy workplace is also explored. A review of the required text with an emphasis on board exam study and test-taking strategies in included.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-215

Type
Corequisite

PTAE-215

Take PTAE-215;

PTAE-241

Type
Corequisite

PTAE-241

Take PTAE-241;

PTAE-113

Type
Prerequisite

PTAE-113

Take PTAE-113; Minimum grade C;

PTAE-204

Type
Prerequisite

PTAE-204

Take PTAE-204; Minimum grade C;

PTAE-240

Type
Prerequisite

PTAE-240

Take PTAE-240; Minimum grade C;

PTAE240 - Clinical Affiliation 1

Overview

Description
This course is an eight week, full-time clinical experience in a physical therapy clinical environment. Students use the competencies learned in the PTA technical courses to assist with treatment of patients/clients. Patient treatment, progression, rationale, and critical thinking are practiced in a supervised setting.

Credit Hours:
7

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-204

Type
Corequisite

PTAE-204

Take PTAE-204;

PTAE-207

Type
Prerequisite

PTAE-207

Take PTAE-207; Minimum grade C;

PTAE-208

Type
Prerequisite

PTAE-208

Take PTAE-208; Minimum grade C;

PTAE-217

Type
Prerequisite

PTAE-217

Take PTAE-217; Minimum grade C;

PTAE-113

Type
Corequisite

PTAE-113

Take PTAE-113;

PTAE241 - Clinical Affiliation II

Overview

Description
This course is an eight week, full-time final clinicalexperience in a physical therapy environment. Students use the competencies learned in their PTA technical courses to assist with the treatment of patients/clients. Patient treatment, progression, rationale, and critical thinking are practiced in a supervised setting.

Credit Hours:
7

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

PTAE-221

Type
Corequisite

PTAE-221

Take PTAE-221;

PTAE-204

Type
Prerequisite

PTAE-204

Take PTAE-204; Minimum grade C;

PTAE-240

Type
Prerequisite

PTAE-240

Take PTAE-240; Minimum grade C;

PTAE-215

Type
Corequisite

PTAE-215

Take PTAE-215;

PTAE-113

Type
Prerequisite

PTAE-113

Take PTAE-113; Minimum grade C;

RADT111 - Introduction to Radiography

Overview

Description

This course orients students to the radiographic profession and introduces a grouping of fundamental principles, practices, and issues common to many specializations in the healthcare profession. In addition to the essential skills, students explore various healthcare delivery systems and related issues. Emphasis will be placed on patient care with consideration of both physical and psychological conditions. Topics covered in this course include: ethics, medical and legal considerations, Right to Know Law, professionalism, basic principles of radiation protection, basic principles of exposure, equipment introduction, health care delivery systems, hospital and departmental organization, hospital and technical college affiliation, medical emergencies, pharmacology/contrast agents, media, OR and mobile procedures patient preparation, death and dying, body mechanics/transportation, and patient care in radiologic sciences.

Credit Hours:
5

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

BIOL-227

Type
Prerequisite

BIOL-227

Take BIOL-227; Minimum grade C+;

BIOL-228

Type
Prerequisite

BIOL-228

Take BIOL-228; Minimum grade C+;

CAOT-179

Type
Prerequisite

CAOT-179

Take CAOT-179; Minimum grade C+;

GEM 3 MATH Course

Type
Prerequisite

GEM 3

Take 1 courses; Minimum grade C+,P; From rule RG.GEM3;

PSYC-101 or SOC-101

Type
Prerequisite

PSYC-101 or SOC-101

Take PSYC-101 or SOC-101; Minimum grade C+;

COMM-101

Type
Prerequisite

COMM-101

Take COMM-101; Minimum grade C+;

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101; Minimum grade C+,P;

RADT-111L

Type
Corequisite

RADT-111L

Take RADT-111L;

RADT-112

Type
Corequisite

RADT-112

Take RADT-112;

RADT-113

Type
Corequisite

RADT-113

Take RADT-113;

RADT111L - Introduction to Radiology Lab

Overview

Description
This course is a corequisite lab for RADT-111.

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

RADT-111

Type
Corequisite

RADT-111

Take RADT-111;

RADT112 - Radiographic Procedures I

Overview

Description

This course introduces the knowledge required to perform radiologic procedures applicable to the human anatomy. Emphasis will be placed on the production of quality radiographs, and laboratory experience will demonstrate the application of theoretical principles and concepts. Topics include: introduction to radiographic procedures; positioning terminology; positioning considerations; procedures, anatomy, and topographical anatomy related to chest and abdomen cavities, bony thorax, upper extremities, shoulder girdle; and lower extremities.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

BIOL-227

Type
Prerequisite

BIOL-227

Take BIOL-227; Minimum grade C+;

BIOL-228

Type
Prerequisite

BIOL-228

Take BIOL-228; Minimum grade C+;

CAOT-179

Type
Prerequisite

CAOT-179

Take CAOT-179; Minimum grade C+;

GEM 3 MATH Course

Type
Prerequisite

GEM 3

Take 1 courses; Minimum grade C+,P; From rule RG.GEM3;

PSYC-101 or SOC-101

Type
Prerequisite

PSYC-101 or SOC-101

Take PSYC-101 or SOC-101; Minimum grade C+;

COMM-101

Type
Prerequisite

COMM-101

Take COMM-101; Minimum grade C+;

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101; Minimum grade C+,P;

RADT-112L

Type
Corequisite

RADT-112L

Take RADT-112L;

RADT-111

Type
Corequisite

RADT-111

Take RADT-111;

RADT-113

Type
Corequisite

RADT-113

Take RADT-113;

RADT112L - Radiographic Procedures I Lab

Overview

Description
This course is a corequisite for RADT-112.

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

RADT-112

Type
Corequisite

RADT-112

Take RADT-112;

RADT113 - Principles of Radiation Biology and Protection

Overview

Description
This course introduces students to the principles of cell radiation interaction. The radiation effects on cells and factors affecting cell response are presented. Acute and chronic effects of radiation exposure are discussed. Topics include radiation detection and measurement; patient protection; personnel protection; absorbed dose equivalencies; agencies and regulations; introduction to radiation biology; cell anatomy, radiation/cell interaction; and effects of radiation.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

BIOL-227

Type
Prerequisite

BIOL-227

Take BIOL-227; Minimum grade C+;

BIOL-228

Type
Prerequisite

BIOL-228

Take BIOL-228; Minimum grade C+;

CAOT-179

Type
Prerequisite

CAOT-179

Take CAOT-179; Minimum grade C+;

GEM 3 MATH Courses

Type
Prerequisite

GEM 3

Take 1 courses; Minimum grade C+,P; From rule RG.GEM3;

PSYC-101 or SOC-101

Type
Prerequisite

PSYC-101 or SOC-101

Take PSYC-101 or SOC-101; Minimum grade C+;

COMM-101

Type
Prerequisite

COMM-101

Take COMM-101; Minimum grade C+;

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101; Minimum grade C+,P;

RADT-113L

Type
Corequisite

RADT-113L

Take RADT-113L;

RADT-111

Type
Corequisite

RADT-111

Take RADT-111;

RADT-112

Type
Corequisite

RADT-112

Take RADT-112;

RADT113L - Principles of Radiation Biology and Protection Lab

Overview

Description
This course is a corequisite for RADT-113.

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

Requisites

Simple Requisites

RADT-113

Type
Corequisite

RADT-113

Take RADT-113;

RADT114 - Radiographic Procedures II

Overview

Description
This course continues to develop the knowledge required to perform radiographic procedures in the laboratory and clinical setting. Topics include: anatomy and routine projections of the pelvic girdle; anatomy and routine projections of the spine, gastrointestinal (GI) procedures; genitourinary (GU) procedures; and biliary system procedures.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

RADT-111

Type
Prerequisite

RADT-111

Take RADT-111; Minimum grade C+;

RADT-112

Type
Prerequisite

RADT-112

Take RADT-112; Minimum grade C+;

RADT-113

Type
Prerequisite

RADT-113

Take RADT-113; Minimum grade C+;

RADT-114L

Type
Corequisite

RADT-114L

Take RADT-114L;

RADT-115

Type
Corequisite

RADT-115

Take RADT-115;

RADT-116

Type
Corequisite

RADT-116

Take RADT-116;

RADT114L - Radiographic Procedures II Lab

Overview

Description
This course is a corequisite for RADT-114.

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

RADT-114

Type
Corequisite

RADT-114

Take RADT-114;

RADT115 - Radiologic Physics and Equipment

Overview

Description
This course introduces students to basic knowledge of atomic structure and terminology. Other topics include the nature and characteristics of x-radiation; ionizing and non-ionizing radiation; x-ray production; the properties of x-rays and the fundamentals of x-ray photon interaction with matter. In addition, students will gain knowledge in radiographic, fluoroscopic and mobile equipment requirements and design, Automatic Exposure Control (AEC) devices, beam restriction, filtration, quality control, and quality management principles of analog and digital systems. Laboratory experiences will demonstrate applications of theoretical principles and concepts.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

RADT-111

Type
Prerequisite

RADT-111

Take RADT-111; Minimum grade C+;

RADT-112

Type
Prerequisite

RADT-112

Take RADT-112; Minimum grade C+;

RADT-113

Type
Prerequisite

RADT-113

Take RADT-113; Minimum grade C+;

RADT-115L

Type
Corequisite

RADT-115L

Take RADT-115L;

RADT-114

Type
Corequisite

RADT-114

Take RADT-114;

RADT-116

Type
Corequisite

RADT-116

Take RADT-116;

RADT115L - Radiologic Physics and Equipment Lab

Overview

Description
This course is a corequisite for RADT-115.

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

RADT-115

Type
Corequisite

RADT-115

Take RADT-115;

RADT116 - Clinical Radiography I

Overview

Description
This course introduces students to the hospital clinical setting and provides an opportunity for students to participate in or observe radiographic procedures learned in RADT112/112L. Topics include: orientation to hospital areas and procedures; orientation to mobile/ surgery; orientation to radiography and fluoroscopy; participation in and/or observation of procedures related to body cavities, the shoulder girdle, upper extremities, and lower extremities. Student activities are under direct supervision.

Credit Hours:
6

Offering Cycle
SPR

Yearly Cycle
Even Years

Requisites

Simple Requisites

RADT-111

Type
Prerequisite

RADT-111

Take RADT-111; Minimum grade C+;

RADT-112

Type
Prerequisite

RADT-112

Take RADT-112; Minimum grade C+;

RADT-113

Type
Prerequisite

RADT-113

Take RADT-113; Minimum grade C+;

RADT-114

Type
Corequisite

RADT-114

Take RADT-114;

RADT-115

Type
Corequisite

RADT-115

Take RADT-115;

RADT118 - Radiographic Procedures III

Overview

Description
This course continues to introduce and develop the knowledge required to perform radiographic procedures. Topics include: anatomy and routine projections of the cranium; anatomy and routine projections of the facial bones; anatomy and routine projections of the sinuses; sectional anatomy of the head, neck, thorax and abdomen. This course includes a lecture, lab section, and an oral presentation.

Credit Hours:
4

Offering Cycle
Summer Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

RADT-114

Type
Prerequisite

RADT-114

Take RADT-114; Minimum grade C+;

RADT-115

Type
Prerequisite

RADT-115

Take RADT-115; Minimum grade C+;

RADT-116

Type
Prerequisite

RADT-116

Take RADT-116; Minimum grade C+;

RADT-118L

Type
Corequisite

RADT-118L

Take RADT-118L;

RADT-119

Type
Corequisite

RADT-119

Take RADT-119;

RADT118L - Radiographic Procedures III Lab

Overview

Description
This course is a corequisite for RADT-118.

Credit Hours:
0

Offering Cycle
Summer Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

RADT-118

Type
Corequisite

RADT-118

Take RADT-118;

RADT119 - Clinical Radiography II

Overview

Description
This course continues introductory student learning experiences in the hospital setting. Topics include: equipment utilization; exposure techniques; attend to and/or observation of routine projections of the lower extremities, pelvic girdle, and spine; attend to and/or observation of procedures related to the gastrointestinal (GI), genitourinary (GU), and biliary systems; and attend to and/or observation of minor radiologic procedures. Execution of radiographic procedures will be conducted under direct and indirect supervision.

Credit Hours:
4

Offering Cycle
Summer Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

RADT-114

Type
Prerequisite

RADT-114

Take RADT-114; Minimum grade C+;

RADT-115

Type
Prerequisite

RADT-115

Take RADT-115; Minimum grade C+;

RADT-116

Type
Prerequisite

RADT-116

Take RADT-116; Minimum grade C+;

RADT-118

Type
Corequisite

RADT-118

Take RADT-118;

RADT211 - Radiographic Imaging

Overview

Description
This course introduces factors that govern and influence the production of the radiographic image using analog and digital radiographic equipment found in diagnostic radiology. Emphasis will be placed on knowledge and techniques required to produce high quality diagnostic radiographic images. Topics include: Image quality (radiographic density; radiographic contrast; recorded detail; distortion; grids; image receptors and holders (analog and digital); processing considerations (analog and digital); image acquisition (analog, digital, and PACS); image analysis; and image artifacts (analog and digital). Guidelines for selecting exposure factors and evaluating images within a digital system will assist students to bridge between film-based and digital imaging systems. Factors that impact image acquisition, display, archiving and retrieval are discussed. Laboratory experiences will demonstrate applications of theoretical principles and concepts.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

RADT-118

Type
Prerequisite

RADT-118

Take RADT-118; Minimum grade C+;

RADT-119

Type
Prerequisite

RADT-119

Take RADT-119; Minimum grade C+;

RADT-211L

Type
Corequisite

RADT-211L

Take RADT-211L;

RADT-220

Type
Corequisite

RADT-220

Take RADT-220;

RADT211L - Radiographic Imaging Lab

Overview

Description
This course is a corequisite for RADT-211.

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

RADT-211

Type
Corequisite

RADT-211

Take RADT-211;

RADT220 - Clinical Radiography III

Overview

Description
This course provides students with continued hospital setting work experience. Students continue to develop proficiency in executing procedures introduced in Radiographic Procedures. Topics include: patient care; behavioral and social competencies; performance and/or observation of minor special procedures; special equipment use; and participation in and/or observation of cranial and facial radiography. Execution of radiographic procedures will be conducted under direct and indirect supervision.

Credit Hours:
8

Offering Cycle
Fall Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

RADT-118

Type
Prerequisite

RADT-118

Take RADT-118; Minimum grade C+;

RADT-119

Type
Prerequisite

RADT-119

Take RADT-119; Minimum grade C+;

RADT-211

Type
Corequisite

RADT-211

Take RADT-211;

RADT221 - Clinical Radiography IV

Overview

Description
This course provides students with continued hospital setting work experience. Students demonstrate increased proficiency levels in skills introduced in all of the radiographic procedures courses and practiced in previous clinical radiography courses. Topics include: patient care; behavioral and social competency; advanced radiographic anatomy; equipment utilization; exposure techniques; sterile techniques; integration of procedures and/or observation of angiographic, interventional, minor special procedures; integration of procedures and/or observation of special equipment use; integration of procedures and/or observation of routine and special radiographic procedures; and final completion of all required clinical competencies. Execution of radiographic procedures will be conducted under direct and indirect supervision.

Credit Hours:
10

Offering Cycle
SPR

Yearly Cycle
Odd Years

Requisites

Simple Requisites

RADT-211

Type
Prerequisite

RADT-211

Take RADT-211; Minimum grade C+;

RADT-220

Type
Prerequisite

RADT-220

Take RADT-220; Minimum grade C+;

RADT-222

Type
Corequisite

RADT-222

Take RADT-222;

RADT222 - Radiologic Technology Review

Overview

Description
This course provides a review of basic knowledge from previous courses and helps the student prepare for national certification examinations for radiographers. Topics include: image production and evaluation; radiographic procedures; anatomy, physiology, pathology, and terminology; equipment operation and quality control; radiation protection; and patient care and education.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
Odd Years

Requisites

Simple Requisites

RADT-220

Type
Prerequisite

RADT-220

Take RADT-220; Minimum grade C+;

RADT-211

Type
Prerequisite

RADT-211

Take RADT-211; Minimum grade C+;

RADT-221

Type
Corequisite

RADT-221

Take RADT-221;

RRM110 - Wilderness First Responder

Overview

Description
This course is designed for students who will be working with groups in the backcountry setting as a professional level. Course content will address the issues of long-term patient care, survival skills, and backcountry rescue techniques. Upon successful completion, students will be certified as Wilderness First Responders and in CPR. Lectures are combined with practical applications through a variety of hands-on simulations and activities. This course is highly recommended for guides, trip leaders, camp counselors, hunters, rescue team members, outdoor recreation enthusiasts, and anyone who spends considerable time in the wilderness or other remote settings. Enrollment in this course is restricted to career and technical students who are declared majors in a program for which it is required (see program requirements in current catalog).

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

RRM125 - Wilderness Ethics and Interpretation

Overview

Description
This course will have two distinct parts. First, the concepts of wilderness ethics such as Leave No Trace and the Wilderness Act will be introduced and discussed. The remainder of the course will be focused on communicating these concepts to audiences in natural resource situations. Communication skills, including environmental and cultural interpretation and multi-media presentation, will be covered through discussion and practice. Enrollment in this course is restricted to career and technical students who are declared majors in a program for which it is required (see program requirements in current catalog).

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

RRM140 - Leadership Principles

Overview

Description
This course is an introduction to the principles of leadership and its relationship to management. Emphasis will be on leadership techniques, group dynamics, facilitation styles, problem-solving, decision making and communication techniques needed to inspire and influence. Students will apply leadership styles through experiential and group practice. Enrollment in this course is restricted to career and technical students who are declared majors in a program for which it is required (see program requirements in current catalog). This course is the same as HOSP-140.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

RRM195 - Backcountry Winter Skills

Overview

Description
This course is designed to prepare students for backcountry winter recreational travel and living. Students will learn about assessing avalanches, practice movement on snow, yurt living and snow camping. Students will understand the proper gear and clothing needed for safe winter travel.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
Even Years

RRM225 - Event Planning and Management

Overview

Description
This course identifies the elements of event management and planning. Students will learn about different types of events, venues, step-by-step planning, and the management skills required to communicate with various stakeholders in the process. Enrollment in this course is restricted to career and technical students who are declared majors in a program for which it is required (see program requirements in current catalog). This course is the same as HOSP-225.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

RRM230 - Leisure and Recreation Programming

Overview

Description
This course provides a comprehensive plan for successful programming of services, program leadership, and understanding operational management of program systems in recreation and leisure service organizations. The course provides a systematic plan for students to learn the essentials of successful recreation programming with examples of a variety of activities in community, outdoor, sport, cultural arts, and tourism sectors of the field. Enrollment in this course is restricted to career and technical students who are declared majors in a program for which it is required (see program requirements in current catalog).

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

RRM234 - Team Dynamics

Overview

Description
This course is designed to introduce students to the design and application of a challenge course, and to train students in the technical skills required to instruct and sequence various activities on a challenge course. Topics include team building, equipment, individual element description and safety, belay techniques, activity introduction and framing, spotting techniques, instructor awareness, activity variations and introductory processing, inspection, maintenance, emergency procedures, participant screening, accident reporting, and rescue skills. This course is the same as PE-234.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

RRM235 - Outdoor Gear Maintenance

Overview

Description
This class will provide instruction on the history, care, and repair of equipment used in outdoor recreation. Students will receive hands-on instruction working with whitewater rafting and expedition equipment, cycling, winter sport, and camping, clothing, and climbing gear. These skills benefit the private enthusiast and aspiring outdoor professional alike.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

RRM237C - Whitewater Guiding

Overview

Description
This course develops whitewater guiding skills and competencies through hands-on experience with special attention given to the safety concerns of whitewater rafting. The skill and competencies include trip leadership, risk management, reading whitewater, maneuvering rafts, swift water rescue, and outfitting. This course is the same as PE-237C.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

RRM237D - Mountaineering

Overview

Description
This course provides a foundation of mountaineering skills with special attention given to trip leadership. Focus is also on snow and glacier travel, avalanche awareness, winter camping, backcountry travel, rock climbing, minimum-impact techniques, equipment selection, and safety issues. This course is the same as PE-237D.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

RRM237E - Outdoor Programming and Leadership

Overview

Description
This course develops the skills and knowledge needed for leading and programming outdoor adventure sports with special attention given to leadership and teaching methods. This course will focus on trip leadership, risk management, teaching methods, group dynamics, communication, activity selection, and methods of programming. This course is the same as PE-237E.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

RRM237F - Outdoor Navigation

Overview

Description
This course is designed to introduce students to the importance of using a map and compass while working and recreating. It will cover the reading of forest service and topographical maps which include symbols, legends, border information, and contour lines. The course includes the use of magnetic compasses and GPSs in an outdoor environment and functions that plot a course on maps. Supplemental navigation skills are included. This course is the same as PE-237F.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

RRM237G - Avalanche Level I

Overview

Description
This course will develop a good grounding in how to prepare for and carry out a trip, to understand basic decision making while in the field, and to learn rescue techniques required to find and retrieve a buried person in avalanche country. This course is the same as PE-237G.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

RRM237H - Introduction to Outdoor Cooking

Overview

Description
The course is designed to teach the basic skills needed to cook meals in an outdoor setting. Students will learn to plan and prepare satisfying and interesting meals using the supplies and equipment needed in an outdoor environment. This course is the same as PE-237H.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

RRM237J - Swift Water Rescue

Overview

Description
This course is designed to give students basic paddle and swift water rescue skills. The course teaches recognition and avoidance of common river hazards, execution of self-rescue techniques, and rescue techniques for paddlers in distress. Emphasis is placed both on personal safety and on simple, commonly used skills. Techniques for dealing with hazards that carry greater risks for both victim and rescuer, such as strainers, rescue vest applications, entrapments, and pins are also practiced. Scenarios will provide an opportunity for participants to practice their skills both individually and within a team/group context. Students will receive an American Canoe Association Level 4 Swift Water certificate. This course is the same as PE-237J.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PE-237C or RRM-237C

Type
Prerequisite

PE-237C or RRM-237C

Take PE-237C or RRM-237C;

RRM250 - Risk Management in the Resort Industry

Overview

Description
This course helps students appreciate and understand both the needs and techniques for identifying and managing risks to employees, guests, and property in the resort industry. This course focuses on identification and control of risk, incident investigation, and increasing employee and public awareness of potential risk. This course is the same as HOSP-250.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

RRM290 - Resort Recreation Management Internship

Overview

Description
This course provides supervised training in program skills through on-the-job experience in a program-related site. This course provides practical application of skills learned as a part of the learning process. It involves 135 hours of on-site training. It is a required course in the Resort/Recreation Management program and is graded on a satisfactory/unsatisfactory basis.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

SOC101 - Introduction to Sociology

Overview

Description
This course introduces students to the academic field of sociology. Sociology is a broad discipline, which employs scientific methodology to study society. Students are exposed to introductory concepts, theories, and methods used in contemporary sociology. Upon successful completion of this course, students will have a basic understanding of the sociological perspective and the ways in which the discipline understands and explains human behavior at all levels of society. The course also provides students with a sociological toolkit that they can utilize to understand themselves and their world; the theories, concepts, and ideas covered in this class will help students recognize the connection between self and society, biography and history, as well as the individual and social structures.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

SOC102 - Social Problems

Overview

Description
This course applies sociological concepts and methods of analysis to current social problems in the United States. Topics of study include issues such as racism, social inequality, crime and environmental degradation. This course is recommended for students entering the fields of sociology, counseling, social work and justice studies.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

SOC220 - Marriage and Family

Overview

Description
This course is designed to help students understand more about marriage and family life processes. Students will examine values, needs, and responsibilities as they relate to intimacy, the selection of partners, cohabitation and marriage, family planning choices, parenting, family economics, and interpersonal communication. Students will also address the issues of family violence, divorce, and the restructuring of new families. This course will be helpful to those who wish to have more knowledge about relationship, marriage, and family issues or those who are entering such fields as counseling and social work.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

Requisites

Simple Requisites

SOC-101

Type
Prerequisite

SOC-101

Take SOC-101;

SOC251 - Race and Ethnic Relations

Overview

Description
This course examines the historical and current social construction of race and ethnicity in shaping social relations within the United States and globally. The primary focus of this course is to explore racial and ethnic inequalities by applying sociological theoretical perspectives. This course will be helpful for individuals seeking to understand the changing racial and ethnic demographics of the United States and globally, as well to those going into sociology, social work, health care, political science, criminal justice or counseling fields.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

PSYC-101

Type
Prerequisite

SOC-101

Take SOC-101;

SOC296 - Introduction to Sociology of Gender

Overview

Description
This course explores ideas about gender and gendered systems of relationships embedded in society, politics, economics, culture, history, and media in the United States. From a variety of sociological perspectives and theories, it sets out to explore gender constructions by using the sociological imagination to investigate contemporary gender-related social problems. It also looks at the various ways in which gendered institutions have been produced and perpetuated to maintain specific power dynamics and hierarchies. Additionally, this course looks at the ways in which gender ideologies intersect with other socially and culturally constructed categories of identity such as race, class, sexuality, and disability.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

SOC-101

Type
Prerequisite

SOC-101

Take SOC-101;

ENGL-101

Type
Prerequisite

ENGL-101

Take ENGL-101;

SOC299 - Sociology Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

SOSC298 - Social Science Practicum

Overview

Description
This course provides planned and supervised field experience in a social sciences/human services environment, providing students with an opportunity to work in an agency/organization related to their academic interest and early career goals. The practicum requires a minimum 135 hours in a supervised field experience, content includes identification of practicum objectives for student in consultation with the site supervisor and faculty supervisor. Focus is on supervised practical work experience to develop an understanding of social science/human services fields. This practicum is repeatable for up to 12 credits. Instructor permission required.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

SOWK240 - Introduction to Social Work

Overview

Description
This course presents a survey of social welfare and human service programs in the United States as a response to problems and needs within society. Issues relating to historical and contemporary social service institutions and their place in both an ethical and public context are examined. The course begins the professional foundation for social work.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

SOWK241 - Social Work Generalist Practice

Overview

Description
This course is a continuation of SOWK-240 which introduced students to the social work profession in relation to social services in a social welfare system context. Elementary social work processes focus on an overview of the theoretical knowledge and methodological skills necessary for entry level practice in social work. Topics covered include generalist practice; social work values; principles of interviewing; assessment; confidentiality; contemporary theories of counseling; social work with individuals, groups, families and community practice; evaluation; general systems theory; cross cultural social work; working within a bureaucratic system; burnout; and the frustrations and satisfactions of being a social worker. Case examples are discussed and role-played to apply the theory that is presented.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

SOWK-240

Type
Prerequisite

SOWK-240

Take SOWK-240;

SPAN101 - Elementary Spanish I

Overview

Description
This course includes the introductory study of vocabulary, grammar, and pronunciation. It emphasizes the development of proficiencies in speaking, reading, listening, and writing. Students will enhance their understanding of the language, culture, and geography of the Hispanic world.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

SPAN102 - Elementary Spanish II

Overview

Description
This course is a continuation of SPAN-101, emphasizing further development of basic language proficiency.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

SPAN-101

Type
Prerequisite

SPAN-101 or SPAN-111

Take 1 group; # Take SPAN-101(946) SPAN-101(9179) or SPAN-111; Minimum grade C-; # Take VPSPAN-102;

SPAN103 - Self-Guided Language Study in Spanish

Overview

Description
This course provides individualized, self paced practice in Spanish and is intended to provide students with additional language study and skills development through the use of the Language Lab. It is for students who plan to enter a more advanced language course or who have taken all available language courses. It may be repeated for a total of two credits and is graded on a satisfactory/unsatisfactory basis. This course is an elective supplement to classroom studies.

Credit Hours:
1

Offering Cycle
SPR

Yearly Cycle
All Years

SPAN111 - Spanish for Health Professions

Overview

Description
This course includes the introductory study of vocabulary, grammar, and pronunciation with an emphasis on the vocabulary and cultural knowledge necessary to work within a variety of healthcare professions. It emphasizes the development of proficiencies in speaking, reading, listening, and writing. Students will enhance their understanding of the language, culture, and geography of the Hispanic world. After completing this course, students are qualified to enroll in SPAN-102.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

SPAN112 - Spanish for Health Prof II Spanish for Health Professions II

Overview

Description
This course is a continuation of SPAN 111, emphasizing further development of basic language fluency geared toward the health professions.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

SPAN111

Type
Prerequisite

SPAN-111

Take SPAN-111;

SPAN201 - Intermediate Spanish I

Overview

Description
This course further develops Spanish fluency with emphasis on conversation, reading, grammar, and composition. The culture and literature of Spain and Latin America are included. This course provides a continuation and refinement of language skills and greater depth in the study of cultural aspects. Laboratory work is included.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

SPAN-102

Type
Prerequisite

SPAN-102

Take 1 group; # Take SPAN-102(947); Minimum grade C-; # Take VPSPAN-201;

SPAN202 - Intermediate Spanish II

Overview

Description
This course is a continuation of SPAN-201. Laboratory work is included.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

SPAN-201

Type
Prerequisite

SPAN-201

Take 1 group; # Take SPAN-201; Minimum grade C-; # Take VPSPAN-202;

SPAN205 - Intermediate Spanish Conversation

Overview

Description
This course is for students who wish to further their conversational skills in Spanish at the intermediate level. The emphasis is on the development of oral and written discourse skills, and on the acquisition of cultural and linguistic knowledge related to specific Spanish-speaking countries. This course is conducted entirely in Spanish.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

SPAN-202

Type
Corequisite

SPAN-202

Take SPAN-202; Minimum grade C-;

SPAN299 - Spanish Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

STER103 - Foundations of Sterile Processing

Overview

Description
This course will highlight the roles and responsibilities of the sterile processing technician in the workplace. Coursework will consist of the detailed processes for sterilization of instruments and supplies within a healthcare setting and microbiology, anatomy, and medical terminology directly relating to the profession. Students will complete all paperwork and education necessary for each hospital clinical site, including mandatory education on blood-borne pathogens and HIPAA. Students will also have some hands-on experience as a sterile processing technician in the laboratory environment.

Credit Hours:
5

Offering Cycle
Fall and Spring Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

STER-104

Type
Corequisite

STER-104

Take STER-104;

STER104 - Sterile Processing Clinical Experience

Overview

Description
This course provides supervised experience in sterile processing techniques in a clinical facility. Students experience first-hand the various operations in a sterile processing department, such as quality assurance, inventory management, and preparing, storing, and distributing instruments, supplies, and equipment. Upon completion, students will demonstrate competence in sterile processing techniques. Completion of 400 hours of clinical experience and successful completion of the certification exam is required to work in the field.

Credit Hours:
9

Offering Cycle
Fall and Spring Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

STER-103

Type
Corequisite

STER-103

Take STER-103;

SURG101 - Foundations of Surgical Technology

Overview

Description
This course introduces the roles of the various surgical team members and orients students to the basic orgranization of healthcare facilities. Topics include the study of the perioperative healthcare team and its language; the evolution and basic principles of patient care; ethical, moral, and legal responsibilities; and the physical characteristics of the operating room suite, as well as, the responsibilities of assisting with the preparation, transportation, and positioning of the surgical patient.

Credit Hours:
4

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

SURG112 - Disease Process and Pharmacology

Overview

Description

This course focuses on common microbes, pathologies, and pharmacologic agents as related to the surgical patient. Topics in this course include: 1) how the body's normal structure and function can be altered, 2) how the body responds to these disruptions in structure and function (i.e. can and effect), and 3) current approaches to the treatment of these disruptions using drugs. In the emphasis of treatment, particular attention will be given to the area of surgical pharmacology including drug categories, actions, reactions, and interactions within the surgical patient.

Credit Hours:

4

Offering Cycle

Fall Only

Yearly Cycle

All Years

Requisites

Simple Requisites

SURG-101

Type
Prerequisite

SURG-101

Take SURG-101; Minimum grade C+;

BIOL-175 or BIOL-228

Type
Prerequisite

BIOL-175 or BIOL-228

Take BIOL-175 or BIOL-228; Minimum grade C-;

SURG-120

Type
Corequisite

SURG-120

Take SURG-120;

SURG-130

Type
Corequisite

SURG-130

Take SURG-130;

SURG120 - Fundamentals of Surgical Technology I

Overview

Description
This course focuses on applied principles of medical and surgical asepsis in the operating room. Students learn to prepare and maintain the sterile field including identification, care, and handling of instruments, suture, supplies, and equipment. Emphasis is on basic skills of the surgical technologist in preparation for and during the operative procedure.

Credit Hours:
6

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

SURG-130

Type
Corequisite

SURG-130

Take SURG-130;

SURG-120L

Type
Corequisite

SURG-120L

Take SURG-120L;

SURG-101

Type
Prerequisite

SURG-101

Take SURG-101; Minimum grade C+;

SURG-112

Type
Corequisite

SURG-112

Take SURG-112;

BIOL-175 or BIOL-228

Type
Prerequisite

BIOL-175 or BIOL-228

Take BIOL-175 or BIOL-228; Minimum grade C-;

SURG120L - Fundamentals of Surgical Technology I Lab

Overview

Description
This course is a corequisite lab for SURG-120.

Credit Hours:
0

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

SURG-120

Type
Corequisite

SURG-120

Take SURG-120;

SURG121 - Fundamentals of Surgical Technology II

Overview

Description
As a continuation of SURG-120, this course offers a study of the use of robotics, endoscopic instruments, lasers, and specialty equipment. In addition, students will learn the principles of electricity and physics, various tissue replacement materials, management of emergency situations, and methods of disinfection and sterilization.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

SURG-120

Type
Prerequisite

SURG-120

Take SURG-120; Minimum grade C+;

SURG-130

Type
Prerequisite

SURG-130

Take SURG-130; Minimum grade C+;

SURG-131

Type
Corequisite

SURG-131

Take SURG-131;

SURG-140

Type
Corequisite

SURG-140

Take SURG-140;

SURG-121L

Type
Corequisite

SURG-121L

Take SURG-121L;

SURG-112

Type
Prerequisite

SURG-112

Take SURG-112; Minimum grade C+;

SURG121L - Fundamentals of Surgical Technology II Lab

Overview

Description
This course is a corequisite lab for SURG-121.

Credit Hours:
0

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

SURG-121

Type
Corequisite

SURG-121

Take SURG-121;

SURG130 - Surgical Procedures I

Overview

Description

This course provides the foundational knowledge of surgical core and specialty procedures. It examines the pathophysiology, diagnostic interventions, and surgical interventions for a variety of surgical procedures. Emphasis is on surgical procedures related to general, minimally invasive, obstetrics/gynecology, genitourinary, otorhinolaryngology, and orthopedic surgical specialties. The course also incorporates an introduction to instruments, equipment, and supplies required for perioperative case management. Content also includes post-operative care and complications of the surgical patient.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

SURG-120

Type
Corequisite

SURG-120

Take SURG-120;

SURG-101

Type
Prerequisite

SURG-101

Take SURG-101; Minimum grade C+;

SURG-112

Type
Corequisite

SURG-112

Take SURG-112;

BIOL-175 or BIOL-228

Type
Prerequisite

BIOL-175 or BIOL-228

Take BIOL-175 or BIOL-228; Minimum grade C-;

SURG131 - Surgical Procedures II

Overview

Description
This course examines the pathophysiology, diagnostic interventions, and surgical interventions for a variety of surgical procedures. Emphasis is on oral maxillofacial, ophthalmic, cardiothoracic, peripheral vascular, and neurosurgery surgical procedures. The course incorporates an introduction to instruments, equipment, and supplies required for perioperative case management. Content also includes post-operative care and complications of the surgical patient.

Credit Hours:
4

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

SURG-120

Type
Prerequisite

SURG-120

Take SURG-120; Minimum grade C+;

SURG-130

Type
Prerequisite

SURG-130

Take SURG-130; Minimum grade C+;

SURG-121

Type
Corequisite

SURG-121

Take SURG-121;

SURG-140

Type
Corequisite

SURG-140

Take SURG-140;

SURG-112

Type
Prerequisite

SURG-112

Take SURG-112; Minimum grade C+;

SURG140 - Clinical Experience I

Overview

Description
This course is a directed practice in an affiliated clinical facility. The student will be assigned to specific preceptors to perform in the function of a surgical technologist. The student will actively assist in selection of equipment and supplies, perform surgical scrub, and become a functioning member of a sterile team. The student will progress through surgical specialties developing and enhancing skills needed to function as a practicing surgical technologist.

Credit Hours:
6

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

SURG-120

Type
Prerequisite

SURG-120

Take SURG-120; Minimum grade C+;

SURG-130

Type
Prerequisite

SURG-130

Take SURG-130; Minimum grade C+;

SURG-121

Type
Corequisite

SURG-121

Take SURG-121;

SURG-131

Type
Corequisite

SURG-131

Take SURG-131;

SURG-112

Type
Prerequisite

SURG-112

Take SURG-112; Minimum grade C+;

SURG141 - Clinical Experience II

Overview

Description

This course is a directed practice in an affiliated clinical facility. As a continuation of SURG-140, the student will be assigned to specific preceptors to perform in the function of a surgical technologist. The student will actively assist in selection of equipment and supplies, perform surgical scrub, and become a functioning member of the sterile team. The student will progress through surgical specialties developing and enhancing skills needed to function as a practicing surgical technologist.

Credit Hours:
8

Offering Cycle
Summer Only

Yearly Cycle
All Years

Requisites

Simple Requisites

SURG-121

Type
Prerequisite

SURG-121

Take SURG-121; Minimum grade C+;

SURG-131

Type
Prerequisite

SURG-131

Take SURG-131; Minimum grade C+;

SURG-140

Type
Prerequisite

SURG-140

Take SURG-140; Minimum grade C+;

SURG-150

Type
Corequisite

SURG-150

Take SURG-150;

SURG150 - CST Exam Review/ Leadership

Overview

Description
This course provides a discussion of topics of special interest to surgical technologists. Topics of focus include resume writing, maintenance of professional credentials through professional development, interviewing skills, and review for the National Certification Exam. Students will complete the NBSTSA Comprehensive (Secure) CST Practice Exam at the end of the course.

Credit Hours:
3

Offering Cycle
Summer Only

Yearly Cycle
All Years

Requisites

Simple Requisites

SURG-121

Type
Prerequisite

SURG-121

Take SURG-121; Minimum grade C+;

SURG-131

Type
Prerequisite

SURG-131

Take SURG-131; Minimum grade C+;

SURG-140

Type
Prerequisite

SURG-140

Take SURG-140; Minimum grade C+;

SURG-141

Type
Corequisite

SURG-141

Take SURG-141;

THEA101 - Introduction to the Theatre

Overview

Description
This course examines the contributions of individual artists to the art of theatre. Through discussion and attendance at plays, students will become familiar with elements of dramatic structure and the roles and responsibilities of the director, lighting designer, costumer, playwright, sound technician, actors, and scene designer. This is a nonperformance course open to non-majors. It is designed to enhance students' understanding of dramatic art and the appreciation and enjoyment of live performance. Skills in observation, writing, critical thinking, and verbal expression are emphasized and developed. Students are required to attend three plays during the semester.

Credit Hours:
3

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

THEA102 - Stage Makeup

Overview

Description
This course offers instruction in the basic principles and techniques of theatre makeup. Students will explore, through the eye of the makeup artist, concepts of facial structure, aging, style and modeling with paint and will observe demonstrations of basic techniques. Weekly labs offer the opportunity to translate knowledge into design and practical application of theatrical makeup. This course will benefit students seeking careers or further education in the theatre arts as well as community members who participate in the theatre.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

THEA103 - Theatre Technology: Scenery, Lighting, and Sound

Overview

Description
This course offers practical lab experience in applying theories and methods of scenery and prop design and construction. It focuses on the creative use of production tools and stage equipment. This course provides an opportunity to develop technical skills for theatre and media production for students exploring those career areas or who are interested in community theatre participation. Prior completion of other courses is not necessary.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
Odd Years

THEA114 - Theatre Technology: Costume Construction

Overview

Description
This course provides students with practical, fundamental knowledge of costume construction techniques for application to real theatre productions. It places emphasis on both hand-sewing and machine-sewing techniques, skills that have practical application for personal clothing sewing and alteration for self or business purposes, and for other areas of costuming such as cosplay. This course is designed to be transferable to other college and university theatre departments.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

THEA115 - Basics of Performance I

Overview

Description
This course introduces students to the art and discipline of stage performance. Emphasis is placed on developing foundational acting techniques including: objectives, tactics, and impulse work. Lecture sessions focus on acting theory, character development, and text analysis, while lab sessions provide practical experience through rehearsal, scene work, and performance exercises. Students are required to attend a minimum number of theatrical productions (as specified in the syllabus).

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

THEA116 - Basics of Performance II

Overview

Description
A continuation of THEA 115, this course deepens students' acting techniques through advanced scene work, character development, and ensemble collaboration. Lecture sessions emphasize text analysis, subtext, and motivation, while lab sessions focus on rehearsal, performance, and critique. Students explore contemporary material, applying vocal, physical, and emotional techniques in performance. Attendance at a minimum number of theatrical productions (as specified in the syllabus) is required.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

Prerequisites

Type
Prerequisite

THEA-115

Take THEA-115;

THEA190 - Theatre Practice

Overview

Description

This course offers participation in the development and production of an NIC play, gaining experience in one or more areas, including lighting, properties, costuming, set construction, audio and sound support, and stage managing. Practical experience in theatrical production may include basic carpentry, electrical, makeup, sewing, painting-skills applied to theatre but useful in other fields. Students will refine these skills as they develop an appreciation for the total process of theatre art involving organization, creativity, discipline, and ensemble teamwork. The course is open to non-majors and may be repeated for a total of four credits. Some evening and weekend work will be included.

Credit Hours:
1

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

THEA201 - Scene Design I

Overview

Description

This course offers an introduction to visual interpretation, research, and rendering techniques used in scenery design. Emphasis is on creation of appropriate, effective stage environments based on research and interpretation of theatrical scripts. It provides the opportunity to develop set design skills for theatre and media production for students exploring those career areas or who are interested in community theatre participation. Previous participation in theatre productions is recommended.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
Even Years

Requisites

Simple Requisites

THEA-103

Type
Prerequisite

THEA-103

Take THEA-103;

THEA271 - Play Analysis

Overview

Description
This course focuses on the role of the playwright, students will explore the structure of dramatic works and the process of script creation. The course includes exposure to live and recorded plays of Ibsen, Shakespeare, Chekov, Arthur Miller, and other great playwrights. Different styles of drama including tragedy, comedy, melodrama, and farce are emphasized. Students will strengthen skills in reading, listening, writing, script, and character interpretation as they develop an appreciation of dramatic literature and the playwright's art and craft. Weekend attendance at plays is anticipated.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
Odd Years

Requisites

Simple Requisites

THEA-101

Type
Prerequisite

THEA-101 and strong writing skills

Take THEA-101;

THEA281 - Introduction to Screenwriting

Overview

Description
This course introduces foundational concepts of screenwriting, including story structure, narrative beats, screenplay formatting, drafting, and revision. Students will create and refine original short screenplays, engage in peer workshops, and analyze exemplar scripts to understand narrative techniques and conventions.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

THEA299 - Theatre Independent Study

Overview

Credit Hours:
1

Maximum Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

VLAP101 - Heavy Equipment Operator Apprenticeship - 1st Year

Overview

Credit Hours:
1

Maximum Credit Hours:
16

VLAP102 - Heavy Equipment Operator Apprenticeship - 2nd Year

Overview

Credit Hours:
1

Maximum Credit Hours:
16

VLAP103 - Heavy Equipment Operator Apprenticeship - 3rd Year

Overview

Credit Hours:
1

Maximum Credit Hours:
16

WELD105 - Welding Theory

Overview

Description
This course consists of basic metallurgy, identification of metals and electrodes, theory of welding processes, identify proper usage of testing methods, welding gases, joint design and configuration, welding positions, welding currents and polarity. Welding qualifications and procedures will also be covered.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

WELD106 - Welding Theory II

Overview

Description
This course is a continuation of theories learned in WELD-105. This course continues to build on the knowledge of basic metallurgy, identification of metals and electrodes, theory of welding processes, identifying proper usage of testing methods, welding gases, joint design and configuration, welding positions, welding currents, and polarity. Welding qualifications and procedures will also be covered.

Credit Hours:
2

Offering Cycle
SPR

Yearly Cycle
All Years

WELD112 - Safety and Leadership

Overview

Description
This course will introduce the student to lab organization and safety procedures. The student will demonstrate applied leadership skills and abilities, demonstrate and identify hand tools and their proper usage. The student will also demonstrate and identify power tools and equipment including their proper usage and maintenance.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

WELD121 - Blueprint Reading for Welders

Overview

Description
This course will cover basic lines, views, dimensioning and structural shapes, abbreviation and weld symbols, working with structural and piping drawings, and bill of materials.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

WELD131 - Advanced Blueprint Reading

Overview

Description
This course covers interpreting drawings and develop material lists, sketch or draw components for layout, and calculate material costs from blueprints. Specific applications for steel, pipe, or other welding projects will be directed to meet student and community needs. AWS adopted standards for welding symbols will be the primary reference for blueprint interpretation.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

WELD140 - Autobody and Paint Technology Welding

Overview

Description
This course is part of the Autobody and Paint Technology program. It prepares repair technicians to perform basic welding processes and techniques required by industry. Students will gain skills in several welding processes including oxy-acetylene cutting and welding, plasma arc cutting of steel and aluminum, gas tungsten arc welding, and gas metal welding. Students will learn proper safety in operating welding and cutting equipment. Students may obtain the I-CAR Welder Certificate.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

WELD182L - Welding Lab II

Overview

Description
This course will focus on gaining competency in FCAW and GMAW application on ferrous steel plate in the flat, horizontal, vertical, up, and overhead welding position. Students will weld on steel plate and other common materials using the proper welding techniques on butt, lap, tee, and corner joints in all four welding positions. AWS standards will apply for welds on butt, tee, lap, and corner joints. AWS D1.1 structural bend test standards will also apply.

Credit Hours:
6

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

WELD-197L

Type
Prerequisite

WELD-197L

Take WELD-197L; Minimum grade C-;

WELD-106

Type
Corequisite

WELD-106

Take WELD-106;

WELD-131

Type
Corequisite

WELD-131

Take WELD-131;

WELD-105

Type
Prerequisite

WELD-105

Take WELD-105; Minimum grade C-;

WELD-112

Type
Prerequisite

WELD-112

Take WELD-112; Minimum grade C-;

WELD-121

Type
Prerequisite

WELD-121

Take WELD-121; Minimum grade C-;

WELD-187L

Type
Prerequisite

WELD-187L

Take WELD-187L; Minimum grade C-;

WELD-188L

Type
Prerequisite

WELD-188L

Take WELD-188L; Minimum grade C-;

WELD187L - SMAW Practical

Overview

Description
This course covers SMAW welding principles and will include fillet and groove welds in all positions to the AWS standards. Successfully completing this course may lead to certification.

Credit Hours:
4

Offering Cycle
Fall Only

Yearly Cycle
All Years

WELD188L - Advanced SMAW Practical

Overview

Description
This course will cover advanced SMAW concepts and procedures. Students will become proficient in advanced welding techniques of open-root welding on plate with and without backer. AWS certification testing conditions will prevail on completion of this course.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

WELD-105

Type
Corequisite

WELD-105

Take WELD-105;

WELD-112

Type
Corequisite

WELD-112

Take WELD-112;

WELD-121

Type
Corequisite

WELD-121

Take WELD-121;

WELD-187L

Type
Corequisite

WELD-187L

Take WELD-187L;

WELD-197L

Type
Corequisite

WELD-197L

Take WELD-197L;

WELD197L - Oxy/Fuel Cutting Lab

Overview

Description
This course includes instruction in the techniques of cutting using manual, machine processes and equipment with the oxy/fuel process. Students will practice using manual and machine methods on ferrous metal assignments.

Credit Hours:
1

Offering Cycle
Fall Only

Yearly Cycle
All Years

WELD225 - Advanced Welding Theory

Overview

Description
This course will emphasize American Society of Mechanical Engineers (ASME) and American Welding Society (AWS) welding test procedures in Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux-cored Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW). Students will also be exposed to Plasma Cam operations.

Credit Hours:
3

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

WELD-131

Type
Prerequisite

WELD-131

Take WELD-131; Minimum grade C-;

WELD-182L

Type
Prerequisite

WELD-182L

Take WELD-182L; Minimum grade C-;

WELD-226

Type
Corequisite

WELD-226;

Take WELD-226;

WELD-281L

Type
Corequisite

WELD-281L

Take WELD-281L;

WELD-106

Type
Prerequisite

WELD-106

Take WELD-106; Minimum grade C-;

WELD226 - Layout/Mechanical Drawing

Overview

Description

This course will introduce students to the concepts and techniques of mechanical drawing. It will cover basic line drawings, use of mechanical drawing equipment, isometric and orthographic projections, and geometric drawings. Students will prepare geometrical drawings and draw layouts. This course will also enable students to perform layout of structural steel using fabricating practices. Students will be able to determine elevations of structures and how to construct using calculating equipment including transits, scientific calculators, and various squaring and leveling tools. The student will also be able to calculate the layout of pipe including figuring offsets, runs, and travel distances.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

WELD-131

Type
Prerequisite

WELD-131

Take WELD-131; Minimum grade C-;

WELD-182L

Type
Prerequisite

WELD-182L

Take WELD-182L; Minimum grade C-;

WELD-225

Type
Corequisite

WELD-225

Take WELD-225;

WELD-281L

Type
Corequisite

WELD-281L

Take WELD-281L;

WELD-106

Type
Prerequisite

WELD-106

Take WELD-106; Minimum grade C-;

WELD227 - Advanced Welding Theory II

Overview

Description

This course is a continuation of WELD 225 and includes further discussion on the problems associated with heating and cooling metals and the properties of a variety of metals used in the welding process. Students will gain a working knowledge of fabrication techniques and manufacturing processes of the metals used in welding. Characteristics of the traditional welding and bonding agents used in welding will be provided to give students a background on metal identification, metallurgical behaviors, and the determination of weldability of ferrous and nonferrous metals. This course will also teach students basic GTAW methods and theory on thin gauge mild steel, stainless steel, and aluminum in all positions using both direct and alternating current. Equipment setup and adjustment will be emphasized to match with welding applications.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

WELD-228

Type
Corequisite

WELD-228

Take WELD-228;

WELD-291L

Type
Corequisite

WELD-291L

Take WELD-291L;

WELD-225

Type
Prerequisite

WELD-225

Take WELD-225; Minimum grade C-;

WELD-226

Type
Prerequisite

WELD-226

Take WELD-226; Minimum grade C-;

WELD-281L

Type
Prerequisite

WELD-281L

Take WELD-281L; Minimum grade C-;

WELD228 - Advanced Mechanical Drawing

Overview

Description
This course covers detail drawings related to the welding industry. Proper dimensioning and tolerances, use of sectioning techniques, isometrics and oblique drawings, including pip welding symbols and bill of materials will be covered as well.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

WELD-225

Type
Prerequisite

WELD-225

Take WELD-225; Minimum grade C-;

WELD-226

Type
Prerequisite

WELD-226

Take WELD-226; Minimum grade C-;

WELD-281L

Type
Prerequisite

WELD-281L

Take WELD-281L; Minimum grade C-;

WELD-227

Type
Corequisite

WELD-227

Take WELD-227;

WELD-291L

Type
Corequisite

WELD-291L

Take WELD-291L;

WELD281L - Shielded Metal Arc Welding

Overview

Description
This course covers the advanced applications of SMAW and will include small diameter thin wall pipe and tubing in all positions. Additional instruction will cover high-pressure pipe welding using #6010 on root pass, #7018 fill, and over passes. Qualification in various pipe fitter levels may be offered.

Credit Hours:
7

Offering Cycle
Fall Only

Yearly Cycle
All Years

WELD291L - Gas Tungsten Arc Welding Lab

Overview

Description
This course covers the advanced applications of GTAW and will include small diameter wall pipe and tubing in all positions. Additional instruction will cover high-pressure pipe welding using GTAW on root pass, E7018 fill, and cover passes. AWS certification in various pipe-fitting levels may be offered.

Credit Hours:
6

Offering Cycle
SPR

Yearly Cycle
All Years

WOCU201 - Contemporary World Cultures

Overview

Description
This course examines a single culture in terms of its historical background and expression in contemporary life, language, institutions, literature, art, music, and lifestyles. This course provides a basis for comparative cultural studies for students interested in multicultural or international scholarship. The culture selected for study may change each semester, allowing students to repeat the course for elective credit.

Credit Hours:
3

Offering Cycle
Fall, Spring, and Summer

Yearly Cycle
All Years

WOCU207 - Study Abroad

Overview

Description
This course examines a culture in terms of its historical background and expression in contemporary life, language, institutions, literature, art, music, and lifestyles. This course culminates in a two to three-week international trip each spring (locations vary based on the national culture studied). Students must be 18 years of age and have a valid passport to travel internationally.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

WWTR150L - Wastewater Treatment Lab I

Overview

Description
This course applies the skills learned in MM-150, including safety practices, precision measuring, tool usage, mechanical drive systems, equipment installation, and alignment. Students will work on assigned tasks, projects, and performance tests.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MM-150

Type
Corequisite

MM-150

Take MM-150;

WWTR152L - Wastewater Treatment Lab II

Overview

Description
This course applies the skills learned in MM-152 including exercises in welding, coupling alignment and maintenance, bearing maintenance, pipe fitting, electric motor and control maintenance, and pump maintenance. Exercises in hydraulics components and troubleshooting areas are also included.

Credit Hours:
3

Offering Cycle
SPR

Yearly Cycle
All Years

Requisites

Simple Requisites

MM-150

Type
Prerequisite

MM-150

Take MM-150; Minimum grade C-;

WWTR-150L

Type
Prerequisite

WWTR-150L

Take WWTR-150L; Minimum grade C-;

MM-152

Type
Corequisite

MM-152

Take MM-152;

MM-156

Type
Corequisite

MM-156

Take MM-156;

WWTR210L - Wastewater Treatment Lab III

Overview

Description
This course will give students hands-on exposure in a lab setting to the subjects covered in the MECH-210 and MECH-211 courses. The instruction will use a variety of mock-ups, trainers, and components to reinforce knowledge of systems, testing, troubleshooting, and repair procedures.

Credit Hours:
2

Offering Cycle
Fall Only

Yearly Cycle
All Years

Requisites

Simple Requisites

MM-150

Type
Prerequisite

MM-150

Take MM-150; Minimum grade C-;

MM-152

Type
Prerequisite

MM-152

Take MM-152; Minimum grade C-;

MM-156

Type
Prerequisite

MM-156

Take MM-156; Minimum grade C-;

WWTR-150L

Type
Prerequisite

WWTR-150L

Take WWTR-150L; Minimum grade C-;

WWTR-152L

Type
Prerequisite

WWTR-152L

Take WWTR-152L; Minimum grade C-;

MECH-210

Type
Corequisite

MECH-210

Take MECH-210;

MECH-211

Type
Corequisite

MECH-211

Take MECH-211;

ZOOL202 - General Zoology

Overview

Description
This course presents a survey of the animal kingdom from invertebrates through the vertebrates. It includes classification, structure, physiology, histology, reproduction, embryology, and life histories of representative forms of the major animal groups and their relationship, application, and economic importance to man. This course is often required for students in medicine, dentistry, optometry, pharmacy, veterinary medicine, certain forestry options, medical technicians, and biology majors.

Credit Hours:
4

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ZOOL-202L

Type
Corequisite

ZOOL-202L

Take ZOOL-202L;

BIOL-100 or BIOL-115

Type
Prerequisite

BIOL-100 or BIOL-115

Take BIOL-100 or BIOL-115;

ZOOL202L - General Zoology Lab

Overview

Credit Hours:
0

Offering Cycle
Fall and Spring Only

Yearly Cycle
All Years

Requisites

Simple Requisites

ZOOL-202

Type
Corequisite

ZOOL-202

Take ZOOL-202;