College of Lake County

Biological & Health Sciences Division Department

Programs

Emergency Medical Technology A.A.S. (Plan 21EA)
Emergency Medical Technician - Basic Certificate (Plan 21EM)
Emergency Medical Technician - Paramedic Certificate (Plan 21EP)
Biological Sciences A.S. (Plan 11AB-BIO)
Chemistry A.S. (Plan 11AB-CHM)
Sustainability A.S. (Plan 11AB-SUS)
Landscape Design Certificate (Plan 21HD)
Landscape Maintenance Certificate (Plan 21HH)
Arboriculture Certificate (Plan 21HL)
Natural Areas Management Certificate (Plan 21HQ)
Sustainable Agriculture Certificate (Plan 21HT)
Horticulture A.A.S. (Plan 21 HU)
Horticulture Production Certificate (Plan 21HV)
Kinesiology - Exercise Science Focus A.S. (Plan 11AB-KIN)
Pre-Physical Therapy A.S. (11AB-PPT)
Pre-Dentistry A.A. (Plan 13AB-DNT)
Kinesiology - Physical Education Focus A.A. (Plan 13AB-KIN)
Pre-Medicine A.A. (Plan 13AB-MED)
Pre-Occupational Therapy A.A. (13AB-OCT)
Pre-Pharmacy A.A. (13AB-PHR)
Pre-Veterinary Medicine A.A. (Plan 13AB-VET)
Dental Hygiene A.A.S. (Plan 21DH)
Health Information Technology A.A.S. (Plan 21HM)
Medical Billing Specialist Certificate (Plan 21HN)
Medical Assisting Certificate (Plan 21MA)
Medical Assisting A.A.S. (Plan 21MD)
Medical Reception/Receptionist Certificate (Plan 21ME)
Medical Imaging A.A.S. (Plan 21MI)
Pharmacy Technician Certificate (Plan 21MJ)
Phlebotomy Technician Certificate (Plan 21MP)
Magnetic Resonance Imaging Certificate (Plan 21MR)
Massage Therapy Certificate (Plan 21MS)
Computed Tomography Certificate (Plan 21MT)
Nurse Assisting Certificate (Plan 21NB)
Nursing A.A.S. (Plan 21NC)
Surgical Technology A.A.S. (Plan 21SA)
Health and Wellness Promotion A.A.S. (Plan 21WA)
Personal Training Certificate (Plan 21WB)
Health and Wellness Coaching Certificate (Plan 21WC)

Courses

AGR112 - Season Extension Methods
BIO111 - Human Form and Function
BIO120 - Environmental Biology
BIO123 - Principles of Biology
BIO126 - Local Flora
BIO127 - Introduction to Evolution
BIO128 - Natural History of Selected Areas
BIO140 - Environmental Biology without Lab
BIO141 - Concepts in Biology
BIO143 - Biology Laboratory
BIO148 - Introduction to Sustainability
BIO149 - Genetics and Society
BIO161 - General Biology I
BIO162 - General Biology II
BIO210 - Independent Research in Biology
BIO220 - Introduction to Biotechnology I
BIO221 - General Zoology
BIO222 - General Botany
BIO226 - Field Biology
BIO244 - Anatomy and Physiology I
BIO245 - Anatomy and Physiology II
BIO246 - Microbiology
BIO299 - Special Topics in Biology
CHM120 - Chemical Concepts
CHM121 - General Chemistry I
CHM123 - General Chemistry II
CHM125 - Elementary Organic Chemistry
CHM140 - Chemistry for a Changing World
CHM142 - Chemistry for a Changing World-LAB
CHM222 - Organic Chemistry I
CHM223 - Organic Chemistry II
CHM225 - Biochemistry
CHM299 - Special Topics in Chemistry
DHY111 - Preclinic Theory and Practice of Dental Hygiene
DHY112 - Theory and Practice of Dental Hygiene I
DHY113 - Pre-Clinical Dental Hygiene
DHY114 - Clinical Dental Hygiene I
DHY115 - Head and Neck Anatomy
DHY116 - Dental Radiology
DHY117 - Dental Anatomy
DHY119 - Nutrition and Biochemistry
DHY131 - Oral Histology and Embryology
DHY132 - Theory and Practice of Dental Hygiene II
DHY134 - Pain Management

DHY171 - Preventive Dental Hygiene
DHY174 - Periodontics
DHY175 - Dental Pharmacology and Anesthetic
DHY176 - Dental Material and Expanded Function
DHY179 - Clinical Dental Hygiene II
DHY211 - Theory and Practice of Dental Hygiene III
DHY212 - Theory and Practice of Dental Hygiene IV
DHY213 - Clinical Dental Hygiene III
DHY214 - Clinical Dental Hygiene IV
DHY215 - Dental Radiology II
DHY216 - Ethics and Jurisprudence
DHY219 - Advanced Periodontics
DHY231 - Board Review
DHY232 - General and Oral Pathology
DHY271 - Community Dentistry I
DHY272 - Community Dentistry II
DHY299 - Special Topics in Dental Hygiene
EMT111 - Emergency Medical Technician-Basic
EMT114 - Paramedic Clinical Practicum
EMT115 - Paramedic Field Experience Practicum
EMT131 - Introduction to Advanced Pre-hospital Care
EMT132 - Patient Assessment
EMT133 - Medical Emergencies
EMT134 - Trauma Emergencies
EMT135 - Special Considerations and Operations
EMT299 - Special Topics in Emergency Medical Technology
HIT111 - Medical Terminology
HIT113 - Ethical and Legal Aspects of Medical Records
HIT115 - Fundamentals of Health Information Technology
HIT117 - Basic CPT Coding
HIT119 - Pharmacology
HIT131 - Basic ICD-10-CM Coding
HIT132 - Basic ICD-10-PCS Coding
HIT171 - Insurance Procedures for the Medical Office
HIT212 - Professional Practice Experience in Health Information Technology I
HIT213 - Professional Practice Experience in Health Information Technology II
HIT215 - Medical Science
HIT217 - Health Information Systems and Data Literacy
HIT218 - Seminar in Health Information Technology
HIT231 - Leadership and Management in Health Information Management
HIT232 - Quality Management and Healthcare Statistics
HIT271 - Advanced Coding
HIT272 - Reimbursement Systems in Healthcare
HIT299 - Special Topics: HIT
HRT121 - Introduction to Horticulture
HRT124 - Introduction to Soils
HRT125 - Tree and Shrub Identification
HRT126 - Entomology
HRT127 - Perennials, Annuals and Weeds
HRT129 - Plant Pathology
HRT131 - Introduction to Sustainable Agriculture
HRT132 - Sustainable Food Crop Production Methods
HRT134 - Annual Fruit and Vegetable Production
HRT140 - Landscape Graphics
HRT162 - Sustainable Landscape Management
HRT221 - Plant Propagation
HRT222 - Greenhouse Crop Production and Management
HRT225 - Green Business & Entrepreneurship
HRT228 - Nursery Production
HRT240 - Landscape Design
HRT245 - Computer Landscape Design
HRT260 - Landscape Construction
HRT265 - Forestry Management
HRT280 - Horticulture Practicum
HRT282 - Seminars in Horticulture
HRT285 - Sustainable Landscapes
HRT286 - Natural Areas Management
HRT299 - Selected Topics in Horticulture
HWP160 - Yoga I
HWP240 - Contemporary Health Issues
HWP257 - Health and Wellness Practicum I
HWP258 - Health and Wellness Practicum II
HWP260 - Sport and Exercise Nutrition
HWP280 - Introduction to Complementary and Integrative Health Care
HWP290 - Principles of Health and Wellness Coaching
HWP292 - Group Facilitation for Health and Wellness Professionals
HWP295 - Professional Essentials for Health and Wellness Practitioners
HWP299 - Special Topics: Health and Wellness Promotion
KIN121 - Individual Activities
KIN123 - Team Sports I
KIN127 - Restricted Activity
KIN128 - Introduction to Recreation
KIN129 - Fundamentals of Youth Programming
KIN130 - Total Fitness
KIN132 - Strength Training I
KIN148 - Recreation Operations
KIN149 - Leisure Sports and Activities
KIN160 - Yoga I

KIN162 - Pilates I
KIN220 - Physical Education for Elementary School Children
KIN221 - Introduction to Physical Education
KIN222 - Coaching Strategies in Basketball
KIN223 - Coaching Strategies in Football
KIN224 - Coaching Strategies in Baseball
KIN225 - Officiating
KIN228 - First Aid/CPR
KIN229 - Experience in the Out-of-Doors
KIN240 - Coaching Strategies in Softball
KIN241 - Coaching Strategies in Volleyball
KIN242 - Philosophy of Coaching
KIN243 - Theory and Practice of Fitness
KIN248 - Fieldwork in Recreation
KIN250 - Introduction to the Rehabilitation Aide
KIN270 - Biomechanics and Kinesiology
KIN271 - Exercise Physiology
KIN272 - Exercise Testing and Prescription
MAS110 - Massage Structure and Functions I
MAS112 - Kinesiology and Palpation I
MAS114 - Massage: Communication & Business I
MAS116 - Clinical Skills and Special Populations
MAS119 - Introduction to Massage Therapy
MAS131 - Massage Therapy I: Swedish
MAS132 - Massage Therapy II: Integrative
MAS210 - Massage Structure and Functions II
MAS212 - Kinesiology and Palpation II
MAS214 - Massage: Communication and Business II
MAS233 - Massage Therapy III: Rehabilitative
MAS234 - Massage Therapy IV: Advanced Techniques
MAS235 - Therapeutic Massage Clinic
MAS299 - Special Topics: Therapeutic Massage
MIM110 - Introduction to Medical Imaging
MIM111 - Radiographic Anatomy and Positioning I
MIM112 - Principles of Radiographic Exposure
MIM113 - Radiographic Anatomy and Positioning II
MIM114 - Clinical Practice I
MIM115 - Clinical Practice II
MIM116 - Advanced Radiographic Procedures
MIM170 - Introduction to the Clinical Education Center
MIM175 - Clinical Education Practicum
MIM210 - Technical Aspects of Patient Care
MIM211 - Imaging Equipment
MIM212 - Clinical Practice III
MIM213 - Medical Imaging Pathology
MIM214 - Advanced Topics in Radiography
MIM215 - Clinical Practice IV
MIM216 - Computed Imaging
MIM219 - Radiography Seminar
MIM251 - MRI Physics & Instrumentation
MIM252 - CT Physics, Instrumentation, and Procedures I
MIM253 - MRI Procedures & Sectional Anatomy I
MIM254 - CT Physics, Instrumentation, and Procedures II
MIM255 - MRI Procedures and Sectional Anatomy II
MIM256 - CT Sectional Anatomy and Pathology I
MIM257 - MRI Procedures & Sectional Anatomy III
MIM258 - CT Sectional Anatomy and Pathology II
MIM271 - Clinical Practice V
MIM272 - MRI Practicum
MIM273 - CT Practicum I
MIM274 - CT Practicum II
MIM275 - Introduction to Sectional Anatomy
MIM299 - Special Topics in Medical Imaging
MOA110 - Medical Terminology
MOA111 - Clinical Medical Assisting I
MOA112 - Basic Medical Office Administrative Skills
MOA115 - Insurance and Billing for Medical Assistants
MOA119 - Pharmacology Math and Medication Administration for Medical Assistants
MOA210 - Clinical Laboratory Procedures for Medical Assisting
MOA211 - Clinical Medical Assisting II
MOA212 - Medical Assisting Externship
MOA213 - Seminar in Medical Assisting
MOA299 - Special Topics: MOA
NUR110 - Nurse Assisting
NUR133 - Foundational Concepts of Nursing Practice
NUR134 - Medical Surgical Nursing
NUR230 - Nursing Care of Special Patient Populations
NUR232 - Mental Health Nursing
NUR233 - Family-Centered Nursing Care
NUR234 - Complex Medical, Surgical, and Leadership Nursing
NUR299 - Special Topics in Nursing
PBT110 - Introduction to Medical Lab Technology
PBT115 - Phlebotomy Techniques
PBT116 - Clinical Phlebotomy
PBT299 - Special Topics in Phlebotomy
PHM120 - Pharmacy Practice and Operations
PHM130 - Pharmacy Calculations
PHM150 - Pharmacy Law and Ethics
PHM151 - Pharmacy Lab and Simulation
PHM190 - Pharmacy Technician Exam Certificate Review
PHM201 - Pharmacy Community Clinical
PHM202 - Pharmacy Hospital Clinical
PHM299 - Special Topics in Pharmacy Technology
SRG110 - Introduction to Surgical Technology

SRG111 - Principles of Practice and Introduction to Surgical Procedures

SRG112 - Surgical Procedures I

SRG113 - Surgical Procedures II

SRG114 - Surgical Procedures III

SRG115 - Surgical Technology Internship & CST Exam Preparation

SRG117 - Surgical Pharmacology

SRG118 - Advanced Surgical Procedures

SRG119 - Essentials of Microbiology

SRG120 - Surgical Technology Capstone

SRG299 - Special Topics in Surgical Technology