

Paramedic Current Courses

EMSP 1010 Human Biology 30 Clock Hours

This course covers the basics of human anatomy and physiology including anatomical terminology, basic biochemistry, cells and tissues, and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. Introduces common human disease processes.

Objectives:

- Identify the anatomy of the human body
- Understand the function of the body systems
- Apply general concepts of pathophysiology for the assessment and management of emergency patients

EMSP 1100 Paramedic Fundamentals I 120 Clock Hours

This course covers topics such as EMS communications, wellbeing of the paramedic, medical and legal responsibilities, pharmacology, pathophysiology, history taking, ventilatory management, suctioning, manual maneuvers, IV therapy, sterile techniques, IV medications/administration, and patient assessment.

Objectives:

- Demonstrate competency in performing head-to-toe patient assessment
- Perform advanced airway management
- Manage advanced cardiac care

EMSP 1110 Paramedic Fundamentals II 120 Clock Hours

This course will provide practical learning of skills and National Registry competencies including, comprehensive patient assessment of the adult and pediatric patient, history taking, medical assessment, advanced cardiac life support, advanced airway management, CPAP, ventilator use, IV insertion, medication administration and IO insertion. Students will demonstrate competency in the National Standard curriculum.

Objectives:

- Identify and apply cognitive, psychomotor, and affective skills in a simulated out-of-hospital environment. Competency is based on and recorded in the NREMT lab portfolio

EMSP 1120 Fundamental Field Internship 90 Clock Hours

Paramedic students will complete field rotations in an internship system with a local service provider. Students will progress from the most basic assessment and treatment methods to the level of an entry-level paramedic.

Objectives:

- Perform at an advanced EMT level in scene management
- Perform at an advanced EMT level in patient assessment and corresponding patient management
- Demonstrate competence in interpersonal management when working cooperatively with professionals in the field
- Receive and integrate feedback on field performance

EMSP 1130 Fundamental Clinical 120 Clock Hours

This course provides real time hands-on training and treatment of patients under the supervision of an assigned preceptor. Students will be involved with actual patient care such as venous access, medication administration, respiratory treatment, and comprehensive patient assessment.

Objectives:

- Perform at an advanced EMT level in scene management patient assessment and corresponding patient management
- Work cooperatively with professionals in the field
- Receive and integrate feedback on field performance

EMSP 1500 Advanced Emergency Care 180 Clock Hours

This course includes lecture in topics such as advanced pediatric management, OB/GYN emergencies, cold weather rescue, environmental emergencies, neurology, endocrinology, gastroenterology, pulmonary emergencies, cricothyrotomy, chest venting, external jugular cannulation, toxicology, hematology, nasogastric tube insertion, and Foley catheter insertion.

Objectives:

- Accurately diagnose injuries and illnesses in pediatric, adult, and geriatric patients under the supervision of an approved preceptor
- Safely treat injuries and illnesses using the entire spectrum of paramedic protocols under the supervision of an approved preceptor

Paramedic Current Courses

EMSP 1510 Advanced Skills Lab

60 Clock Hours

This course will provide practical learning of skills and National Registry competencies. These include cricothyrotomy, thoracotomy, child birth both normal and abnormal deliveries, trauma assessment, management of hemorrhage and shock, bandaging and splinting. Students will show competency in the National Standard curriculum.

Objectives:

- Demonstrate competency on National Standards in the entire spectrum of paramedic practice. Competency is based on and recorded in the NREMT lab portfolio

EMSP 1520 Advanced Field Internship

90 Clock Hours

Paramedic students will complete field rotations in an internship system. Students will participate in head-to-toe assessment and advanced treatment skills in actual out-of-hospital field emergencies.

Objectives:

- Demonstrate the ability to safely assess and manage the treatment of an emergency pediatric, adult, or geriatric patient
- Successfully complete a minimum of 20 patient contacts during field rotations

EMSP 1530 Advanced Clinical Internship

150 Clock Hours

This course provides real time hands-on training and treatment of patients under the supervision of an assigned preceptor. Students will be involved with actual patient care such as venous access, medication administration, respiratory treatment, and comprehensive patient assessment, childbirth, trauma assessment, pediatric assessment.

Objectives:

- Perform a comprehensive exam of the OB patient
- Perform a comprehensive trauma exam
- Perform advanced cardiac life support treatment
- Perform advanced trauma life support
- Perform pediatric and neonate advanced life support

EMSP 2100 Capstone Lab

120 Clock Hours

Hands-on practice of the entire spectrum of paramedic care which may include out-of-classroom education in high angle rescue, swift water rescue, farm medic course, aeromedicine, and ongoing field assessment. Ongoing evaluation of the student's performance and competency in all areas of paramedicine will be the focus as they prepare for the National Registry Practical Exam. AMLS certification included.

Objectives:

- Perform all duties as an entry-level paramedic using cognitive, affective, and psychomotor domains
- Perform patient assessment in trauma situations
- Demonstrate cardiac management skills
- Competently manage out-of-hospital scenarios
- Demonstrate competency in airway, respiration, and ventilation; cardiology and resuscitation; trauma; medical; obstetrics and gynecology; and EMS operations for both adult and pediatric patients
- Complete required National Registry capstone portfolio

EMSP 2110 Capstone Field Internship

180 Clock Hours

The paramedic student will participate in actual emergent out-of-hospital field situations demonstrating team leadership, the ability to manage out-of-hospital situations, and the ability to successfully perform as a competent entry-level paramedic in the field.

Objectives:

- Serve as a team leader in 25 various out-of-hospital emergency situations
- Successfully complete 25 emergency patient contacts
- Demonstrate competency for national tests and state licensing