

- EMTP 1032 Advanced Life Support for the AEMT** (2-3-3)
 This course includes material from the current National EMS Education Standard to provide increased knowledge and skills in specific aspects of advanced life support. Topics covered in this course are: Patient assessment, advanced airway management, pharmacology, respiratory and cardiovascular assessment and management, pathophysiology, shock/trauma, acid-base disturbances, obstetrics, neonatal care, pediatrics, geriatrics, and patients with special challenges, and pediatric life support. This course concludes with a comprehensive program review and preparation for the National Registry of EMT and AEMT exam.
 Prerequisite: Acceptance into the EMS program.
 Corequisite: None.
 Offered: Summer.
- EMTP 1034 AEMT Practicum III** (0-4-1)
 This course is the third of three practicums designed to provide the Advanced EMT student with the opportunity to perform a history and physical examination to identify factors affecting the health and health needs of a patient. Formulate a field impression based on an analysis of assessment findings, anatomy, physiology, pathophysiology, and epidemiology. Relate assessment findings to underlying pathological and physiological changes in the patient's condition. Effectively communicate in a manner that is culturally sensitive and intended to improve the patient outcome. Students will also have the opportunity to perform basic and advanced interventions as part of a treatment plan intended to mitigate the emergency, provide symptom relief, and improve the overall health of the patient in the clinical setting.
 Prerequisite: Acceptance into the EMS program.
 Corequisite: None.
 Offered: Summer.
- EMTP 1036 Medical Emergencies for the AEMT** (2-3-3)
 This course includes material from the Preparatory and Medical Modules of the current National EMS Education Standard. It is designed to provide the student with fundamental knowledge to provide basic and selected advanced emergency care and transportation based on assessment findings for an acutely ill patient. Topics covered in this course are: Airway management, respiration and artificial ventilation, patient assessment, neurology, abdominal and gastrointestinal disorders, immunology, infectious diseases, endocrine disorders, psychiatric emergencies, cardiovascular emergencies, toxicology, respiratory emergencies, hematology, genitourinary/renal disorders, gynecology, non-traumatic musculoskeletal disorders, and diseases of the eyes, ears, nose, and throat.
 Prerequisite: Acceptance into the EMS program.
 Corequisite: None.
 Offered: Spring.
- EMTP 1039 Essential Skills for the AEMT** (2-3-3)
 This course includes material from the Anatomy/Physiology, Pathophysiology, and Pharmacology of the current National EMS Education Standard. It is designed to provide the student with the fundamental knowledge and foundational skills needed to provide advanced level care to the sick or injured patient. Topics covered in this course are: key components of cellular physiology and pathophysiology; principle of pharmacology, peripheral intravenous therapy, intraosseous therapy, medication administration, and emergency medications.
 Corequisites: None.
 Offered: Spring.