

EMTP 1032 Advanced Life Support for the Advanced Emergency Medical Technician (4-3-6)

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, Advanced Cardiac Life Support for the AEMT, pathophysiology, shock, 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 AEMT exam.

Prerequisite: None.

Corequisite: None.

Offered: Summer and Fall.

EMTP 1036 Medical Emergencies for the Advanced Emergency Medical Technician (3-1-3)

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: IV therapy, pharmacology, 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: None.

Corequisite: None.

Offered: Fall and Spring.

EMTP 1102 Trauma for the Paramedic (4-4-5)

This course includes and expands upon the material from the Trauma Module and Pathophysiology from the current National EMS Education Standard. It includes units on fluids and electrolytes, abnormal fluid states, acid base balance, abnormal lab values, blood and transfusion therapy, and shock. The course also contains units on trauma systems, mechanism of injury, soft tissue trauma, head and facial injuries, spinal trauma, thoracic and abdominal injuries, and musculoskeletal trauma. Patient assessment and management in an organized, timely fashion using the ITLS approach to trauma care is emphasized. Students must take and successfully complete the International Trauma Life Support Course for Advanced Providers at the conclusion of the course.

Prerequisite: None.

Corequisite: None.

Offered: Fall.