

Module of the current National EMS Education Standard. It includes basic units on drug information, drug actions, weights and measures, and medication administration. It also includes advanced units on systemic pharmacology and therapeutics of drugs affecting the central and autonomic nervous systems, cardiovascular system, respiratory system, hematologic system, renal system, endocrine system, gastrointestinal system, and immune system. It concludes with a unit on the paramedic drug box contents, maintenance, and administration procedures.

Prerequisite: None.

Corequisite: None.

Offered: Fall and Spring.

**EMTP 1115 OB/GYN/Neonatal Emergencies (1-3-2)**

This course includes material from the Medical and Special Considerations Modules of the current National EMS Education Standard. It includes the following topics: anatomy and physiology of the female reproductive system, abdominal pain, vaginal bleeding, rape, physiology of pregnancy, fetology, normal and abnormal labor and delivery, and post-partum complications. The ITLS approach to trauma in pregnancy is emphasized. In addition, determination of the APGAR scoring and care of the high-risk neonate are included. Students are required to successfully complete the Neonatal Resuscitation program during the course.

Prerequisite: None.

Corequisite: None.

Offered: Summer.

**EMTP 1117 Respiratory Emergencies (2-4-3)**

This course includes and expands upon the material covered in the EMT assessment and management of patients with acute and chronic respiratory problems, oxygen therapy, advanced airway management techniques, airway adjuncts, and mechanical ventilation of the current National EMS Education Standard. A unit on anesthesia essential concludes the course.

Prerequisite: None.

Corequisite: None.

Offered: Fall and Summer.

**EMTP 1118 Pediatric Emergencies (2-0-2)**

This course includes material from the Special Considerations Modules of the current National EMS Education Standard. The following topics are included; pediatric assessment, developmental stages, family assessment and management, respiratory emergencies, child safety, trauma, dehydration, shock, infant and child BLS and ACLS, neurologic emergencies, SIDS, child abuse, and care of children with special needs. After the pediatric emergencies labs and clinical practicum, have been completed, students must successfully complete the Pediatric Advanced Life Support Course.

Prerequisite: None.

Corequisite: None.

Offered: Fall and Summer.

**EMTP 1119 Pediatric Emergencies Clinical Practicum (0-3-1)**

In this course students will perform patient assessment and management techniques on infants and children in the hospital setting. Students will assess developmental stages, communicate with patients and family members, and treat pediatric patients with respiratory infections, gastroenteritis, sickle cell crises and