

ADVANCED EMERGENCY TECHNICIAN, Certificate – (Noncredit)

Office of Workforce Development and Continuing Education/Public Safety Education/EMS

CIP Code: 510904

The Advanced Emergency Medical Technician (AEMT) course is a 220-hour course that provides students with the knowledge and skills in accordance with the National EMS Educational standards for an AEMT. This course builds on their knowledge and abilities as an EMT and introduces the student to the cognitive and psychomotor competencies required to function as an entry-level AEMT. After completion of this course, the student is eligible to attend a Pennsylvania Department of Health/National Registry of EMT's AEMT psychomotor exam and complete the National Registry of EMT's AEMT certification exam. This training can be completed at the Harrisburg and York campuses provided students take some of their coursework through multiple modalities (e.g. Online, Blended and/or Remote Learning).

The curricular content is presented through classroom lecture, discussion, online content, practical application in integrated lab sessions, and clinical experiences.

Career Opportunities

Typically, AEMT's are employed by both public and private organizations including EMS agencies and fire departments.

Competency Profile

This curriculum is designed to prepare students to:

- Rapidly assess injuries and illnesses
- Provide appropriate care to patients based upon assessment findings
- Administer cardiopulmonary resuscitation (CPR) and utilize both manual and automated defibrillators
- Describe the indications, contraindications, dosage and route of administration for identified medications
- Identify and treat shock
- Control external hemorrhage
- Provide care of musculoskeletal injuries
- Manage various medical emergencies
- Properly lift and move patients
- Demonstrate competency in both basic and advanced airway management and trauma treatment techniques as determined by the National EMS education standards
- Determine the most appropriate method to transport patients to the emergency department

PROGRAM ENTRY & CLINICAL REQUIREMENTS

Candidates must submit a completed clinical application by the sixth week of the course. The Clinical application will include the following items.

- Current BLS for Healthcare Provider or Professional Rescuer CPR certification
- Current certification as an EMT (that would remain current throughout the duration of the course)
- Pennsylvania State Police Criminal History background check
- Department of Human Services Child Abuse Report
- Federal (F.B.I.) Criminal History Report
- A completed Health Examination form
- Drug Screen

RECOMMENDED SEQUENCE

Students must successfully complete each module with a minimum passing score of 75% to receive a certificate of completion.

220 hours - 36 Lecture hours / 88 Lab hours / 96 Clinical hours.

- Lecture
- Small group discussions
- Student presentations
- Skill lab demonstrations
- Skill lab testing/competencies
- Clinical time - both Emergency Department and Pre-hospital experiences
- Module testing both didactic and clinical (skill competencies)