

EMERGENCY MEDICAL TECHNICIAN, Certificate – (Noncredit)

Emergency Medical Services - Office of Academic Affairs & Workforce Development Education/EMS.
CIP Code: 510904

The Emergency Medical Technician (EMT) course includes the knowledge and skills required to provide basic pre-hospital emergency care for sick and injured patients. This 220-hour course serves as the foundation for emergency medical services, teaching students the overall roles and responsibilities of the EMT while providing an overview of anatomy and physiology. After completion of this course, the student may attend a Pennsylvania Department of Health/National Registry of EMT's psychomotor exam and the National Registry of EMT's cognitive exam, which will result in EMT Certification through both of these agencies. Students may complete this course at the Gettysburg, Harrisburg, Lancaster and York campuses through on-campus/in-person instruction. Students may also choose to complete this course at Gettysburg, Harrisburg and York campuses through various modalities (e.g., hybrid, synchronous remote instruction and asynchronous instruction). Classes are also available at other sites across the state.

All certification courses listed are noncredit certificate courses. It is not a requirement of the HACC certification course to have a GED, or a high school diploma; however, some employers require it upon hiring EMS certified personnel. Students must be able to lift, carry, and balance a minimum of 125 pounds equally distributed (250 pounds with assistance), at a height of 33 inches, and for a distance of 10 feet. Reading and writing skills must be at, or above, a 9th grade level. Academic and attendance requirements must be met for successful course completion.

Career Opportunities

Typically, EMTs are employed by both public and private organizations including ambulance companies or a fire department as a professional responder. Opportunities for employment can also exist in a variety of other healthcare, recreational, and industrial settings. Frequently, patient care experience as an EMT can provide valuable insight in both academic and clinical components of other health careers should students choose to obtain other related professional degrees or licensure.

Competency Profile

This curriculum is designed to prepare students to:

- Rapidly assess injuries and illnesses
- Administer cardiopulmonary resuscitation (CPR)
- Identify and treat shock
- Control external hemorrhage
- Provide care of musculoskeletal injuries
- Manage various medical emergencies, which may include; pediatric, environmental, diabetic, heart attack, strokes, seizures and breathing difficulty as a few examples.
- Properly lift and move patients
- Use an AED to perform automated external defibrillation
- Rapidly assess the scene for hazards
- Determine the most appropriate method to transport patients to the emergency department

Please NOTE: The Emergency Medical Technician Certificate course may be used as a free elective toward specific HACC degree programs.

PROGRAM ENTRY REQUIREMENTS

Candidates must be 16 years of age on the first day of class.

RECOMMENDED SEQUENCE

Students will become familiar and with the following categories of mandatory course content as described within the National EMS Educational Standards published by the National Highway Traffic Safety Administration. 220-hour course - 106 Lecture hours / 114 Lab hours

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| • Preparatory, | • Airway Management, |
| • Anatomy & Physiology, | • Assessment, |
| • Medical Terminology, | • Medicine, |
| • Pathophysiology, | • Shock & Resuscitation, |
| • Life Span Development, | • Trauma, |
| • Public Health, | • Special Patient Populations, |
| • Pharmacology, | • EMS Operations. |