

EMT 151 : EMERGENCY MEDICAL TECHNICIAN PART A

Transcript title

EMT Basic Part A

Credits

6

Grading mode

Standard letter grades

Total contact hours

100

Lecture hours

40

Lab hours

60

Prerequisites

Department approval, WR 065 (or higher) or minimum placement Wr/ COMM Level 7; and MTH 015 (or higher) or minimum placement Math Level 7.

Course Description

Develops skills in pre-hospital assessment and care for patients of all ages with a variety of medical conditions and traumatic injuries. First of two emergency medical service National Standards Curriculum courses. Requires completing an eight-hour hospital field experience. Required before first class: documentation of cleared criminal history check, current immunizations, current American Heart Association Basic Life Support for the Healthcare Provider (CPR) certification.

Course learning outcomes

1. Identify the roles and responsibilities of an emergency medical technician within an emergency medical services system.
2. Apply the basic concepts of development, pathophysiology, and pharmacology to assessment and management of medical patients.
3. Administer medications properly and communicate effectively with patients.
4. Establish and/or maintain a patent airway, oxygenate, and ventilate a medical patient.
5. Perform a proper history and comprehensive physical exam on a medical patient and communicate findings.
6. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement a treatment plan for the medical patient.

Content outline

1. Intro to EMT 151
 - a. Bloodborne pathogens
 - b. Privacy
 - c. Introduction to ethics
2. Medical terminology

- a. Anatomy and physiology
3. Patient assessment
 - a. Vital signs
4. Secondary assessment: airway
5. Ventilation
 - a. Respiratory distress/respiratory disease
6. Pharmacology/medication administration
7. Cardiac complaints
8. AMS/diabetes: poison/OD
9. Allergic reaction: anaphylaxis
10. Acute abdomen
11. Psychiatric renal and hematology emergencies
12. Critical thinking

Required materials

Requires a textbook and special gear; see syllabus for details.