

EMS 113

Emergency Medical Technician- Basic II

COURSE OUTLINE

Prerequisites:

Prerequisite is EMS 112 Emergency Medical Technician- Basic I, Co-requisite EMS 120

Course Description:

Prepares student for certification as a Virginia and National Registry EMT. Includes all aspects of pre-hospital basic life support as defined by the Virginia Office of Emergency Medical Services curriculum for Emergency Medicine Technician Basic. Second semester class of a 2 semester EMT course.

Course Purpose: Prepares the EMS student for national and/or state certification commensurate with the requirements of the Virginia Office of Emergency Medical Services Educational Standards for EMT. This program is a one (1) semester, 64+ hour course that provides education in the provision of emergency medical care for persons who desire to function as an attendant in an ambulance or other setting where emergency care of sick or injured persons is required. The course exceeds current National and Virginia Emergency Medical Services Educational Standards for the Emergency Medical Technician (EMT). The course provides education in seven (7) modules: Foundations, Airway Management, Patient Assessment, Medical Emergencies, Trauma Emergencies, Special Populations, and Operations. Upon successful completion of the Program, the student will be eligible for certification examination as an Emergency Medical Technician (EMT) through the Virginia Department of Health, Office of Emergency Medical Services and National Registry of Emergency Medical Technicians. Prerequisite: EMS 112, Co-Requisite EMS 120 required in addition to this course to become eligible for Virginia and National Registry EMT certification testing.

Semester Credits: 3

Lecture Hours: 2

Lab Hours: 2



Course Outcomes:

At the completion of this course, the student should be able to:

- Obtain Virginia EMT certification (eligible upon successful completion of EMS 112, EMS 113, & EMS 120)
- Obtain National Registry EMT certification (eligible upon successful completion of EMS 112, EMS 113, & EMS 120)
- Demonstrate achievement of the objectives from the Virginia Office of Emergency Medical Services Educational Standards for the EMT level.

Course Outcomes:

Major Topics to be Included

- Medical Emergencies: Provide care for patients with various illnesses continued
- Trauma Emergencies: Provide care for patients with various injuries
- Special Populations: Provide care for various illnesses and injuries for pediatric patients
- Ambulance Operations: Integrating the EMT into the overall EMS system. Incident Command System Overview, Weapons of Mass Destruction Awareness, Hazardous Materials Awareness, Terrorism Awareness

Textbook:

Main text and workbook:

- Text: Brady ***Emergency Care*** 12th edition. ISBN-13: 978-0-13-254380-4
- Workbook (Optional): Brady ***Emergency Care Workbook*** 12th edition ISBN-13: 978-0-13-237534-4

ASSIGNMENTS:

The student will participate in all course assignments, labs, and activities, coming to class prepared for interaction with other students and the instructor. Course assignments include, but are not limited to:

- Practical quizzes
- Cognitive quizzes
- Cognitive tests
- Final Exam/ Capstone Cognitive Exam
- Successful completion of the following Self-study online courses;
 - Federal Emergency Management Administration(FEMA) IS-100, IS-200, IS-700, and IS-800
 - Texas Engineering Extension Service (TEEX) AWR-160
- Any other assignments as deemed necessary by the instructor

Computer access is required

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