

Common Course Outline
EMST 211
EMT INTERMEDIATE MEDICAL AND TRAUMA EMERGENCIES
4 Credits

The Community College of Baltimore County

Description

EMT Intermediate Medical And Trauma Emergencies

Introduces assessment and prehospital management of a variety of common respiratory, cardiovascular, neurological, endocrine, and environmental emergencies; provides overview of the mechanisms and prehospital management of a variety of traumatic injuries involving the head, neck, spine, thorax and abdominal cavities, burns, shock, and basic 3 lead electrocardiography acquisition and interpretation.

Prerequisites: EMST 210.

Overall Course Objectives

Upon completion of this course the student will be able to:

1. Describe causes, complications, signs and symptoms, and prehospital management of patients with Shock.
2. Describe causes, complications, signs and symptoms, and prehospital management of patients with a variety of single- and multi-system Traumatic Injuries.
3. Describe causes, complications, signs and symptoms, and prehospital management of patients with a variety of Respiratory Emergencies.
4. Describe causes, complications, signs and symptoms, and prehospital management of patients with a variety of Cardiovascular Emergencies.
5. Describe causes, complications, signs and symptoms, and prehospital management of patients with Diabetic Emergencies.
6. Describe causes, complications, signs and symptoms, and prehospital management of patients with Nervous System Emergencies.
7. Describe causes, complications, signs and symptoms, and prehospital management of patients with Renal System emergencies.
8. Describe causes, complications, signs and symptoms, and prehospital management of patients with Allergic Reaction and Anaphylaxis.

9. Describe causes, complications, signs and symptoms, and prehospital management of patients with a variety of Environmental Emergencies.
10. Describe basic ECG monitoring techniques that permit ECG interpretation.
11. Explain the relationship of the ECG tracing to the heart's electrical activity.
12. Describe, in sequence, the steps in ECG interpretation.
13. Identify the characteristics of a normal sinus rhythm.
14. When shown an ECG tracing, identify the: rhythm, site of origin, possible causes, clinical significance, and prehospital management that is indicated.
15. Describe the prehospital assessment and management of patients with selected medical and trauma emergencies as relates to the Maryland Medical Protocols for Emergency Medical Services Providers.

Major Topics

Shock
Single and Multi-system Trauma
Respiratory Emergencies
Cardiovascular Emergencies
Diabetic Emergencies
Nervous System Emergencies
Renal Failure
Anaphylaxis
Environmental Emergencies
Electrocardiography
Maryland Medical Protocols for Emergency Medical Services Providers

Course Requirements

Students registered for EMST 211 must maintain advanced life support affiliation with a Maryland volunteer, career, or commercial ambulance company at all times while enrolled in the CCBC Essex EMT Program.

Mastery level for all written examinations is 75%.

Other Course Information

This course is offered during the Fall only.

Successful completion of this course, in combination with EMST 105, 110, 210, 212, 213, 214, and EMST 215 is required for the student to be eligible to sit for the National Registry of EMT's Intermediate and Maryland Cardiac Rescue Technician examination.

C:\EMT\EMT Program\emst211cco.doc