

Common Course Outline
EMST 221
Paramedic Medical and Trauma Emergencies
5 Credits

The Community College of Baltimore County

Description

Paramedic Medical and Trauma Emergencies

Discusses pathophysiological principles and advanced prehospital management of a variety of common disease processes and medical emergencies including allergies and anaphylaxis, toxicology, hematology, infectious disease, and many other medical emergencies; includes the mechanisms of injury, patient presentations, assessment, and advanced prehospital management of a variety of trauma emergencies involving major systems of the human body.

Prerequisites: EMST 105, EMST 110, EMST 210, EMST 211, EMST 212, EMST 213, EMST 214, EMST 220.

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 Allergic Reaction and Anaphylaxis.
2. Describe causes, complications, signs and symptoms, and prehospital management of patients experiencing a Toxicological Emergency.
3. Describe causes, complications, signs and symptoms, and prehospital management of patients with Hematologic Emergencies.
4. Describe causes, complications, signs and symptoms, and prehospital management of patients with Infectious Diseases.
5. Describe causes, complications, signs and symptoms, and prehospital management of patients with severe single-and multi-system Traumatic Injuries.
6. Describe the role and responsibilities of the flight paramedic in the prehospital environment.

Major Topics

Allergies and Anaphylaxis
Toxicology
Hematology
Infectious Diseases
Aeromedical Physiology
Single and Multi-system Trauma

Course Requirements

Students registered for EMST 221 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 220, 222, 223, and 224 is required for the student to be eligible to sit for the National Registry of EMT's Paramedic examinations.