

EMST 211

Paramedic Medical and Trauma Emergencies I

5 Credits

Community College of Baltimore County
Common Course Outline

Description

EMST 211 – Paramedic Medical and Trauma Emergencies I: provides the student an overview of the assessment, treatment and management of a variety of common medical and trauma emergencies including respiratory, cardiovascular, neurological, endocrine, pediatric, geriatric, and environmental emergencies. The mechanisms and prehospital management of a variety of traumatic emergencies involving the head, neck and spine, thorax and abdominal cavities, and burns and shock are discussed. Students are introduced to basic 3-lead electrocardiography acquisition and interpretation.

Pre-requisites: EMST 240

Overall Course Objectives

Upon completion of this course, students will be able to:

1. demonstrate practical skills of managing trauma patients;
2. apply the principles of kinematics to anticipate injuries based on known mechanisms of injury;
3. apply the principles of kinematics to enhance the patient assessment based on known mechanisms of injury;
4. synthesize assessment findings into a field impression for establishing treatment priorities;
5. develop treatment plan based on patient assessment findings;
6. demonstrate critical thinking in correlating assessment findings and patient management techniques for patients experiencing hemorrhage and shock, burn injuries, abdominal or thoracic injury, metabolic emergencies, cardiac emergencies, respiratory emergencies, or any general medical emergency;
7. re-evaluate patient treatment priorities based on re-assessment and vital signs trending;
8. recognize patient presenting with a chemically induced cognitive impairment;
9. describe the causes, complications, signs and symptoms, and management of patients presenting with abuse or neglect, behavioral emergencies, or other special considerations; and
10. describe special assessment techniques and other considerations for treating geriatric and pediatric patients.

Major Topics

- I. Trauma emergencies
- II. Medical emergencies

The Common Course Outline (CCO) determines the essential nature of each course.
For more information, see your professor's syllabus.

Click or tap here to enter text.

- III. Special considerations for geriatric patient populations
- IV. Special considerations for pediatric patient populations

Course Requirements

Grading will be determined by the individual faculty member, but shall include the following, at minimum:

- Three unit quizzes
- One research assignment
- Fulfillment of the National Registry of Emergency Medical Technician Portfolio requirements for lab skills, scenario skills, and instructor evaluations
- One cognitive final exam

Written assignments and research projects: Students are required to use appropriate academic resources in their research and cite sources according to the style selected by their professor.

Other Course Information

This course is part of a program sequence which requires admission to the program.

Date Revised: 2/22/22