

EMST 221

Paramedic Medical and Trauma Emergencies II

4 Credits

Community College of Baltimore County
Common Course Outline

Description

EMST 221 – Paramedic Medical and Trauma Emergencies II: provides the student a comprehensive breadth of the assessment, treatment, and management of patients suffering from medical and trauma emergencies. Didactic and lab sessions support the development of student critical thinking skills to manage basic and complex patient encounters by integrating assessment findings and patient trending over time to develop dynamic treatment plans. Students use current best practices and advanced technology to support patient care in unique simulated environments.

Pre-requisites: EMST 211

Overall Course Objectives

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

1. demonstrate the comprehensive and detailed assessment of the trauma patient;
2. synthesize assessment findings into a field impression to establish treatment priorities for the trauma patient;
3. correlate patient prioritization and condition to implement appropriate transport modalities for the trauma patient;
4. identify patients requiring the need for advanced airway management techniques;
5. perform advanced airway techniques including supraglottic devices, endotracheal devices, and sedative procedures;
6. demonstrate the use of advanced airway management technology including video laryngoscopy, waveform capnography, and other current best practice resources;
7. recognize patients presenting with differential complaints that would benefit from point of care ultrasound assessment;
8. implement the use of point of care ultrasound on the adult patient;
9. correlate point of care ultrasound and findings associated with acute patient conditions for trauma and medical patients;
10. synthesize advanced patient assessment findings into a field impression to establish treatment priorities for the medical patient; and
11. correlate patient prioritization and condition to implement appropriate transport modalities for the medical patient.

Major Topics

- I. Trauma emergencies
- II. Medical emergencies
- III. Special considerations for geriatric, pediatric, and neonatal patient populations

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

- IV. Primary and secondary advanced airway management techniques
- V. Advanced patient assessment technology
- VI. Pharmacology

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
- One psychomotor 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