

Common Course Outline
EMST 211
Paramedic Medical and Trauma Emergencies I
5 semester hours

The Community College of Baltimore County

Description

EMST 211-5 credits- Paramedic Medical and Trauma Emergencies I provides the Paramedic student an overview of the assessment and prehospital management of a variety of common respiratory, cardiovascular, neurological, endocrine, pediatric, geriatric and environmental emergencies; as well as an overview of the mechanisms and prehospital management of a variety of traumatic emergencies involving the head, neck and spine, thorax and abdominal cavities, burns, and shock. The student will also be introduced to basic 3 lead electrocardiography acquisition and interpretation.

Prerequisites: Co-Req EMST 210

Overall Course Objectives

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

1. apply the principles of kinematics to enhance the assessment and predict the likelihood of injuries based on the patients mechanism of injury;
2. utilize the assessment findings to formulate a field impression and implement the management plan for the patient with:
 - a. hemorrhage and shock;
 - b. a burn injury;
 - c. an abdominal or thoracic injury;
 - d. metabolic emergencies;
 - e. cardiac emergencies;
 - f. respiratory emergencies;
 - g. general medical emergencies;
3. demonstrate the practical skills of managing trauma patients; and
4. describe causes, complications, signs and symptoms, and prehospital management of:
 - a. geriatric patients;
 - b. patients presenting with abuse and neglect;
 - c. describe causes, complications, signs and symptoms, and prehospital
 - d. management of pediatric patients.

Major Topics

- I. Trauma Emergencies
- II. Medical Emergencies
- III. Environmental Emergencies
- IV. Behavioral Emergencies
- V. Geriatric Emergencies
- VI. Pediatric Emergencies

Course Requirements

Writing Assignment: Instructors may consider the quality of writing in determining a grade for written assignments. Poor writing can be sufficient cause for a failing grade on a paper and, in extreme situations, a failing grade for the course.

Grading: Performance evaluation and examination scores will be used to determine the student's course grade. Classification examinations will be made up of multiple-choice questions. Diagnostic examinations may be made up of a combination of multiple choice, matching, short answer, and essay questions.

The passing grade on all quizzes and examinations for this course is seventy-five (75%) percent. Four quizzes will be given but only three will be included in the grade (the lowest grade will be dropped). Student must maintain a seventy-five (75%) average on all individual exams and quizzes, as well as earning a 75% overall to pass the course. There are no retests allowed in this course.

EMST 211 Grading Criteria and Scale:

Quizzes (3 x 25 pts each)	=	75 points
Research Assignment (1 x 75 pts)	=	75 points
Discussion Board Posting (4 x 25 pts)	=	100 points
Final Examination (1 x 150 pts)	=	<u>150 points</u>
Total	=	400 points

400 - 380 = A; 379 - 340 = B; 339 - 300 = C; 299 - 260 = D; < 260 = F

Other Course Information

This course is required for both the EMST degree and certificate programs