

Common Course Outline
EMST 221
Paramedic Medical and Trauma Emergencies II
4 Semester Hours

The Community College of Baltimore County

Description

EMST 221-4 credits-Paramedic Medical and Trauma Emergencies II is designed to give Paramedic students an in-depth understanding of the pathophysiological principles and advanced prehospital management of a variety of common disease processes and medical emergencies such as allergies and anaphylaxis, toxicology, hematology, infectious disease and an in-depth understanding of the mechanisms of injury, patient presentations, assessment, and advanced prehospital management of a variety of trauma emergencies involving major systems of the human body.

Prerequisite: EMST 211 with a “C” or better

Overall Course Objectives

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

1. describe causes, complications, signs and symptoms, and pre-hospital management of patients with:
 - a. burns;
 - b. pulmonary syndromes
 - c. cardiovascular syndromes;
 - d. neurological syndromes;
 - e. endocrinologic syndromes;
 - f. allergy and/or anaphylaxis;
 - g. gastrointestinal/genitourinary complaints;
 - h. toxicological complaints;
 - i. environmental exposure syndromes;
 - j. infectious and/or communicable diseases;
 - k. psychiatric and behavioral complaints;
 - l. abuse and neglect; and
 - m. various levels of trauma to the head, face, spine, thorax, abdomen and extremities.
2. describe causes, complications, signs and symptoms, and pre-hospital management of pediatric patients; and
3. describe causes, complications, signs and symptoms, and pre-hospital management of geriatric patients.

Major Topics

- I. Geriatric Emergencies
- II. Obstetrical Emergencies
- III. Neonatal Emergencies
- IV. Pediatric Emergencies
- V. Challenged Patients

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 221 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