

Common Course Outline
EMST 222
Paramedic Special Populations
3 Semester Hours

The Community College of Baltimore County

Description

EMST 222-3 credits-Paramedic Special Populations is designed to provide the Paramedic student with the special techniques of assessment and pre-hospital management of patients presenting with geriatric, obstetric, neonatal, and pediatric emergencies.

Prerequisite: EMST 213 with a “C” or better

Overall Course Objectives

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

1. utilize the assessment findings to formulate a field impression and implement the management of the:
 - a. geriatric patient;
 - b. normal and abnormal labor
 - c. resuscitation of a neonatal patient;
 - d. pediatric patient; and
 - e. patient with special challenges
2. demonstrate the skills needed to apply protocol treatments to disease pathways and trauma specific to:
 - a. geriatric patients;
 - b. patients in labor and/or with complications of labor
 - c. neonatal patients;
 - d. pediatric patients; and
 - e. patients with special medical needs or psychological dysfunction.

Major Topics

- I. Burns
- II. Trauma
- III. Pulmonology
 - a. Ventilation
 - b. Perfusion
- IV. Cardiology
 - a. Myocardial infarction, injury and ischemia
 - b. Congestive Heart Failure

- V. Neurology
 - a. Stroke
 - b. Aneurysm
- VI. Endocrinology
 - a. Hyper and Hypo Thyroid
 - b. Diabetes
 - c. Hypo and Hyper Parathyroid
 - d. Pituitary disease
 - e. Adrenal disease
- VII. Allergy/ Anaphylaxis
- VIII. Gastroenterology
 - a. Abdominal discomfort syndromes
- IX. Genitourinary disease
 - a. Reproduction
 - b. Urinary discomfort syndromes
- X. Toxicology
- XI. Environmental Exposure
- XII. Infectious/Communicable Disease
- XIII. Behavioral/Psychiatric Disorders
- XIV. Geriatric
- XV. Pediatrics
- XVI. Abuse and Neglect

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.

Skill Mastery will be evaluated by faculty using the standards set for by the national standard curriculum.

EMST 222 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