

**NVCC COLLEGE-WIDE COURSE CONTENT SUMMARY
EMS 159 - ALS SPECIAL POPULATIONS (2 CR.)**

Course Description

Continues the Virginia office of Emergency Medical Services Intermediate and/or Paramedic curricula. Focuses on the assessment and management of specialty patients including obstetrical, neonates, pediatric, and geriatrics. Prerequisites: EMS 151 and EMS 153. Pre or co-requisite: EMS 155. Lecture 1 hour. Laboratory 2 hours. Total 3 hours per week.

General Course Purpose

To prepare the EMS student to assess, evaluate and treat patients within the Special Populations; to include OB, Neonates, Pediatrics, the abuse and assault patient and how to utilize Assessment Based Management.

Entry Level Competencies

Pre reqs. EMS 151 and EMS 153; Pre or Co-reqs EMS 155

Course Goals and Objectives

Goals

To introduce the EMT-Basic provider to advanced life support care for special populations.

Objectives

Upon successful completion of the course, the student will be able to:

- a. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the obstetrical patient
- b. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the neonatal patient
- c. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the pediatric patient
- d. Integrate the assessment findings to formulate a field impression and implement a treatment plan for the pediatric patient who has sustained abuse or assault
- e. Integrate the principles of assessment based management to perform an appropriate assessment and implement the management plan for patients with common complaints

Major Topics to be Included

- a. Obstetrics
- b. Neonatology
- c. Pediatrics
- d. Geriatrics
- e. Abuse and assault
- f. Assessment based management