

**COURSE SYLLABUS**

**DIVISION:** Workforce Services

**DATE:** January 2015

**CURRICULUM IN WHICH COURSE IS TAUGHT:**

Emergency Medical Technician-Intermediate: Career Studies Certificate

**COURSE NUMBER AND TITLE:**

EMS 159 – Advanced Life Support – Special Populations (2 crs)

**CREDIT HOURS:** 2

**HOURS WEEK LECTURER:** 2

**HOURS WEEK LAB:** Variable 3-6 hrs week

**LECTURE/LAB COMBINATION:** 2 (0)

**I. CATALOG DESCRIPTION:**

Continues the Virginia Office of Emergency Medical Services Intermediate and/or Paramedic curricula. Continues focuses on the assessment and management of specialty patients including obstetrical patients, neonates, pediatrics, and geriatrics.

**II. RELATIONSHIP OF THE COURSE TO CURRICULA OBJECTIVES IN WHICH IT IS TAUGHT.**

A curriculum objective is to give students a general overview of the requirements for Virginia Enhanced certification and begin the sequence for National Registry Intermediate and or Paramedic certification.

**III. REQUIRED BACKGROUND:**

General Admission to the College and current Virginia or National Registry EMT- Enhanced

**IV. COURSE CONTENT:**

- Review of Human Systems
- Obstetrics
- Neonatology
- OB & Neonatal
- Pediatrics
- Geriatric Emergencies
- Skills Lab – Pediatrics & Intraosseous

**V. LEARNER OUTCOMES:**

**VI. EVALUATION:**

<p><i>At the completion of the course, the student will:</i></p> <p>be able to apply an understanding of the anatomy and physiology of the female reproductive system to the assessment and management of a patient experiencing normal or abnormal labor</p> <p>be able to integrate patho-physiological principles and assessment findings to formulate a field impression and implement a treatment plan for a neonatal patient</p>	<p>The course is a combination of observation, demonstration and hands-on-training in both clinical and field settings. This class will be conducted at clinical facilities and prehospital advanced life support agencies. Students will be supervised at all times by an approved preceptor.</p>
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be able to integrate patho-physiological principles and assessment findings to formulate a field impression and implement a treatment plan for the pediatric patient	
be able to integrate the patho-physiological principles and the assessment findings to formulate and implement a treatment plan for the geriatric patient	

**The course supports the following objectives:**

- A. DCC Educational Objectives
  - 1. Communication
  - 2. Critical Thinking
  - 3. Interpersonal Skills and Human Relations
  - 4. Computational and Computer Skills
  - 5. Understanding Culture and Society