

**J Sargeant Reynolds Community College**  
**Course Content Summary**

**Course Prefix and Number:** EMS 159

**Credits:** 2

**Course Title:** ALS – Special Populations

**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. Lecture 1 hour. Laboratory 2 hours. Total 3 hours per week.

**General Course Purpose**

Focuses on the assessment and management of specialty patients including behavioral, obstetrical, pediatric, geriatric, and chronically ill.

**Course Prerequisites/Corequisites**

Prerequisites: EMS 151 and EMS 153; pre- or corequisite: EMS 155

**Course 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 behavioral patient
- b. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the psychiatric patient
- c. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the gynecological patient
- d. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the obstetrical patient
- e. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the neonatal patient
- f. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the pediatric patient
- g. Integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the geriatric patient
- h. Integrate the assessment findings to formulate a field impression and implement a treatment plan for the patient who has sustained abuse or assault
- i. Integrate pathophysiological and psychosocial principles to adapt the assessment and treatment plan for diverse patients and those who face physical, mental, social and financial challenges
- j. Integrate the pathophysiological principles and the assessment findings to formulate a field impression and implement the treatment plan for the acute deterioration or a chronic care patient
- k. 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. Behavioral emergencies
- b. Psychiatric emergencies
- c. Gynecology
- d. Obstetrics
- e. Behavioral neonatology
- f. Pediatrics
- g. Geriatrics
- h. Abuse and assault
- i. Patients with special challenges
- j. Acute interventions in chronic care patients
- k. Assessment based management

**Effective Date of Course Content Summary:** April 6, 2009