Course Prefix and Number: EMS 159  
Credits: 3

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, pediatric, neonates, and geriatrics. Prerequisites: EMS 151 and EMS 153. Prerequisite or Co-requisite: EMS 155. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

General Course Purpose: To prepare the EMS student to assess, evaluate, and treat patients within the special populations and how to use assessment-based management.

Course Prerequisites and Co-requisites:
Prerequisites: EMS 151 and EMS 153
Prerequisite or Co-requisite: EMS 155

Course Objectives:
Upon completing 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 of a chronic care patient; and
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: July 14, 2014