

## EMS 270 Life Span Emergencies

### COURSE DESCRIPTION:

Prerequisites: EMS-122 **AND** EMS-130

Corequisites: None

This course covers medical/ethical/legal issues and the spectrum of age-specific emergencies from conception through death required for paramedic certification. Topics include gynecological, obstetrical, neonatal, pediatric, and geriatric emergencies and pharmacological therapeutics. Upon completion, students should be able to recognize and treat age-specific emergencies.

Course Hours per Week: Class, 3. Lab Hours per week, 3. Semester Hours Credit, 4.

### LEARNING OUTCOMES:

Upon completing requirements for this course, the student will be able to:

1. Perform a thorough assessment on simulated patients of all ages.
2. Identify signs and symptoms of common gynecologic, obstetric, pediatric, and geriatric conditions/diseases.
3. Determine patient acuity after performing patient assessment on simulated patients as directed by instructor.
4. Identify appropriate ways to move and transport patients of various ages, for whom normal moving devices may not be appropriate as scenario varies.
5. Identify the underlying pathophysiology of gynecologic, obstetric, pediatric, and geriatric chief complaints.
6. Correctly demonstrate the procedures for assisting a patient with an abnormal childbirth by use of OB training manikin.
7. Calculate appropriate pediatric and geriatric medication dosages.

### OUTLINE OF INSTRUCTION:

- I. Didactic
  - A. Reproduction & Gynecology
  - B. Obstetrics Assessment & Management of GYN Emergencies
  - C. Pathophysiology/Assessment of the Distressed Newborn
  - D. Management of the Distressed Newborn and Special Neonatal Situations
  - E. Pediatric Assessment
  - F. Pediatric Skills & Scenarios
- II. Skills/Scenarios
  - A. Pediatric
  - B. Geriatric

III. Specialty Certifications

- A. Pediatric Advanced Life Support
- B. Neonatal Resuscitation Program
- C. Geriatric EMS

IV. LifeSpan Midterm

V. LifeSpan TSOPS & Written Exams

VI. Skill Checkoffs

**REQUIRED TEXTBOOK AND MATERIAL:**

AAOS: Sanders' Paramedic Textbook 5<sup>th</sup> Edition & Being Mortal