

## EMS 285 EMS Capstone

### **COURSE DESCRIPTION:**

Prerequisites: Take All: EMS-220, EMS-250, and EMS-260

Corequisites: None

This course provides an opportunity to demonstrate problem-solving skills as a team leader in simulated patient scenarios and is required for paramedic certification. Emphasis is placed on critical thinking, integration of didactic and psychomotor skills, and effective performance in simulated emergency situations. Upon completion, students should be able to recognize and appropriately respond to a variety of EMS-related events.

Course Hours per Week: Class, 1. Lab Hours per week, 3. Semester Hours Credit, 2.

### **LEARNING OUTCOMES:**

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

1. Use critical thinking to problem-solve in complex patient interactions.
2. Integrate didactic and psychomotor skills to effectively perform paramedic level care in simulated emergency scenarios.
3. Demonstrate patient advocacy.
4. Formulate appropriate treatment plans that consider patients' needs.
5. Demonstrate therapeutic communication strategies with patients while demonstrating respect and consideration in all patient interactions.
6. Demonstrate ability to manage dynamic scenes, including resource management and operational needs.
7. Act as an independent team leader while providing simulated patient care.
8. Enter final clinicals as a competent entry-level paramedic.

### **OUTLINE OF INSTRUCTION:**

- I. Didactic
  - A. Airway Review
  - B. Cardiology Review
  - C. Medical Review
  - D. Trauma Review
  - E. OB/Peds Review
  - F. Pharmacology I Review
  - G. Pharmacology II Review
- II. Operations Written
- III. Capstone Project

### **REQUIRED TEXTBOOK AND MATERIAL:**

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