



### **Course Description**

#### **EMS1119 | Emergency Medical Technician | 4.00 credits**

A review of basic life support theory. Areas of emphasis include the prehospital environment, preparatory information, patient assessment, medical emergencies, behavioral emergencies, OB/GYN emergencies, trauma emergencies, pediatric emergencies and EMS operations. Pre-requisite EMS1059, EMS1059L, Corequisites: EMS 1119L, EMS 1431.

### **Course Competencies**

**Competency 1:** The student will demonstrate the application of fundamental knowledge of the anatomy and function of all human systems to the practice of EMS by:

1. Describing the different types of muscle tissue, including skeletal, smooth and cardiac
2. Identifying and describe the anatomical structures and functions of the cardiovascular system
3. Explaining the diffusion of gases in external and internal respiration

**Competency 2:** The student will be able to demonstrate a fundamental depth, foundational breadth of the components of history taking by:

1. Describing components of the patient history
2. Explaining the importance of obtaining a SAMPLE and OPQRST history
3. Describing examples of different techniques the EMT may use to obtain information from patients, family or bystanders during the history taking process

**Competency 3:** The student will demonstrate a fundamental depth, foundational breadth of the assessment and management of respiratory disorders/emergencies for all age groups by:

1. Stating the signs and symptoms of a patient with respiratory distress
2. Differentiating between upper airway obstruction and lower airway disease in the patient for all age groups
3. Reviewing the basic anatomy and physiology of the respiratory system

### **Learning Outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information