

## Master Syllabus

### EMS 2125 - Paramedic 2: Lecture

**Division:** Health Sciences

**Department:** Emergency Medical Services

**Credit Hour Total:** 5.0                      **Lecture Hrs:** 5.0

**Other Prerequisite(s):** Approval of Department

**Date Revised:** February 2017

---

### Course Description:

The paramedic student will explore cardiology, pulmonology and pediatrics. This course covers ECG acquisition, interpretation and appropriate patient management, cardiovascular pathology and management, respiratory pathology and management and care for the pediatric patient.

### General Education Outcomes:

- Critical Thinking/Problem Solving Competency

### Course Outcomes:

#### **Pulmonology**

Apply the knowledge gained in the area of respiratory pathology and management within written simulated patient presentations.

**Assessment Method:** Locally developed exams

**Performance Criteria:** On an examination created by the EMS department, 100% of the successful students will score at least a 70% on written examinations covering respiratory pathology.

#### **Pediatrics**

Apply the knowledge gained in the area of care for the pediatric patient within written simulated patient presentations.

**Assessment Method:** Locally developed exams

**Performance Criteria:** On an examination created by the EMS department, 100% of the successful students will score at least a 70% on written examinations covering pediatrics.

#### **Cardiovascular**

Apply the knowledge gained in the area of cardiovascular pathology and management within written simulated patient presentations.

**Assessment Method:** Locally developed exams

**Performance Criteria:** On an examination created by the EMS department, 100% of the successful students will score at least a 70% on written examinations covering cardiovascular pathology.

### Outline:

ECG acquisition  
Cardiovascular pathology and management  
Respiratory pathology and management  
The stable pediatric patient  
The critical pediatric patient