

Master Syllabus

EMS 2100 - Applied Anatomy, Physiology & Pathophysiology for Emergency Medical Services Provider

Division: Health Sciences

Department: Emergency Medical Services

Credit Hour Total: 3.0

Lecture Hrs: 3.0

Prerequisite(s): BIO 1107 OR BIO 1121

Other Prerequisite(s): AND Approval of Department

Date Revised: February 2017

Course Description:

This course provides the fundamental anatomy, physiology and pathophysiology information necessary to understand the care of the sick and injured at the paramedic level.

General Education Outcomes:

- Critical Thinking/Problem Solving

Course Outcomes:

Applied Pathophysiology

Apply knowledge of the pathophysiology of major human systems to the practice of EMS.

Assessment Method: Locally developed exams

Performance Criteria: The student will achieve at least a 70% on examinations covering pathophysiology.

Normal Anatomy and Physiology

Identify and describe the anatomy and normal physiology of human systems.

Assessment Method: Locally developed exams

Performance Criteria: The student will achieve at least a 70% on examinations covering anatomy and physiology.

Applied Anatomy and Physiology

Integrate knowledge of the anatomy and physiology of human systems to the practice of EMS.

Assessment Method: Locally developed exams

Performance Criteria: The student will achieve at least a 70% on examinations covering applied anatomy and physiology.

Outline:

Introduction to biology
Anatomy by body system
Physiology by body system
Pathophysiology
Integration with EMS