

# EMS 200: PARAMEDIC ACADEMY

## Foothill College Course Outline of Record

Heading	Value
<b>Units:</b>	1.5
<b>Hours:</b>	6 lecture, 36 laboratory per quarter (42 total per quarter) This is a 1 week course.
<b>Prerequisite:</b>	Current CPR card; current EMT license; at least 2 years of experience as an EMT.
<b>Advisory:</b>	Not open to students with credit in EMT 200.
<b>Degree &amp; Credit Status:</b>	Degree-Applicable Credit Course
<b>Foothill GE:</b>	Non-GE
<b>Transferable:</b>	None
<b>Grade Type:</b>	Letter Grade Only
<b>Repeatability:</b>	Not Repeatable

## Description

Introduction to the profession of paramedicine. Emphasis on paramedic terminology, communication skills, licensure, documentation, patient assessments, and skills proficiency. Discussion of the requirements for the paramedic program. Intended for students entering or considering to enter the paramedic program. This course is designed to prepare the student with the basic knowledge and skills necessary to succeed in the Paramedic Academy.

## Course Objectives

The student will be able to:

- Define the roles and responsibilities of the paramedic in the pre-hospital care setting.
- Outline California licensing requirements for paramedics.
- Demonstrate basic Emergency Medical Technician skills.
- Identify the three major learning domains of paramedic education.
- Define paramedic scope of practice.
- Identify and list pharmacology requirements.
- Identify cardiac arrhythmias and advanced treatment plans.
- Apply basic math skills required for pharmacology.
- Discuss effective communication and leadership skills utilized by paramedic.

## Course Content

- Basic EMT (Emergency Medical Technician) principles and skills
  - Airway management
  - Patient assessment
  - Splinting
  - Cervical-spine immobilization
- The pre-hospital roles and responsibilities of paramedic
  - Scene management
  - Communications and documentation
  - Leadership
  - Stress management
- California Title 22 - Paramedic Practice
  - Scope of practice

- Approved pharmacological agents
- License requirements
- Review basic cardiology
  - Common dysrhythmias
  - Treatment protocols
- Learning domains of paramedic education
  - Cognitive
  - Psychomotor
  - Affective
- Pharmacology math
  - Drug dosage
  - IV drip calculation

## Lab Content

- Identify 5 cardiac dysrhythmias.
- Demonstrate basic skills in airway management and patient assessment.
- Multiple-choice exam demonstrating EMT (Emergency Medical Technician) and paramedic pre-requisite knowledge.
- Discuss EMT assessment and treatment plan for 3 patient scenarios.
- Communication and Leadership essay.

## Special Facilities and/or Equipment

Standard classroom and tables as practice areas and audio visual equipment. EMS equipment required by the course curriculum, including CPR mannequins, AEDs, OB mannequin, portable airway and oxygen equipment, spinal immobilization devices, splints and bandages, patient movement devices and appropriate patient assessment equipment.

## Method(s) of Evaluation

The student will demonstrate proficiency in EMT skills and be evaluated through the use of EMT patient scenarios. The student will perform documentation exercises and evaluate students of their understanding of medical terminology and legal requirements of a patient care report. The student will also be evaluated through the use of multiple choice exams and read/interpret cardiac rhythm strips.

## Method(s) of Instruction

- Lecture
- Case Based Scenarios
- Simulations

## Representative Text(s) and Other Materials

Instructor prepared materials.

## Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

- Students will be required to manage simulated patient scenarios, and will be evaluated on their patient assessments, treatment plans and determine which hospital the patient would be transported to.
- Students will also write Patient Care Reports (PCRs), which will be evaluated for legal documentation content. In addition, PCRs will be evaluated for consistency and completeness.

## **Discipline(s)**

Emergency Medical Technologies