

EMS 120: EMERGENCY MEDICAL SERVICES ACADEMY

Foothill College Course Outline of Record

Heading	Value
Units:	8
Hours:	6 lecture, 6 laboratory per week (144 total per quarter)
Prerequisite:	EMS 53.
Advisory:	Not open to students with credit in EMT 120 or 309.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Description

Students will participate in physical training identical to that of EMTs employed by large private ambulance providers. Heavy emphasis is placed on training in patient moving and lifting, documentation, scenario practice, customer service and medical legal issues. Mock interviews will be conducted by job recruiters from local public and private agencies. Successful completion of the class will result in a stronger first time job applicant. Intended for students interested in a career as an Emergency Medical Technologist.

Course Objectives

The student will be able to:

- A. Discuss components of the California Emergency Medical Services system.
- B. Identify basic safety issues as they apply to a pre-hospital environment involving a medical emergency.
- C. Identify and safely demonstrate a high-risk response that could involve weapons, explosives, nuclear substances or devices, biological hazards, any chemical/hazardous materials and crime scenes.
- D. Demonstrate skills necessary to safely maneuver an ambulance and operate all related medical and rescue equipment.
- E. Practice rigorous physical training activities.
- F. Identify and discuss the classic signs and symptoms of psychological emergencies.
- G. Demonstrate safe and appropriate patient takedown maneuvers.
- H. Demonstrate safe and appropriate patient restraint techniques.
- I. Demonstrate proper moving and lifting techniques.
- J. Demonstrate effective health care provider-patient verbal communication skills.
- K. Identify and practice the basic skills necessary to complete.
- L. Formulate qualities that lead to successful employment in the emergency medical services profession.
- M. Prepare for Emergency Medical Technician – Basic National certification.
- N. Develop written communication skills necessary to complete a patient report.
- O. Discuss pre-hospital medical-legal requirements.
- P. Identify Emergency Medical Technician's role in assisting with Advanced Life Support procedures.

Course Content

- A. Introduction
 1. History of Emergency Medical Services
 2. History of ambulance transportation, construction, maintenance
 3. Medical-legal issues
- B. Moving and Lifting
 1. Gurney operation
 2. Moving and transferring patients
- C. Emergency Vehicle Operations
 1. Navigation
 2. Preparing for ambulance driver's certificate
 3. Emergency vehicle maneuvering
- D. Physical Conditioning / Health
 1. Developing a healthy lifestyle
 2. Orientation to physical agility course
 3. Bloodborne and airborne pathogens
- E. High Risk Responses
 1. Hazardous material
 2. Safe handling of:
 - a. weapons
 - b. nuclear substance
 - c. explosives
 - d. crime scene
- F. Psychiatric Emergencies
 1. Managing combative patients
 2. Restraints
 3. Self-defense
- G. Legal Issues
 1. Sexual assault
 2. Elder abuse
 3. Pediatric abuse
 4. Crime scenes
- H. Communication
 1. Documentation
 2. Report writing
 3. Verbal communication
- I. Advance Life Support Procedures
 1. Intravenous line setup
 2. Blood sample setup
 3. Airway management setup
 4. Monitoring equipment
- J. Professionalism
 1. Work ethics
 2. Teamwork
 3. Communication
- K. Exploring Career Options
 1. Resume
 2. Interview skills
- L. National Registry Exam
 1. Review EMT-Basic curriculum
 2. Review practical skills

Lab Content

- A. Scenario skills testing
- B. EVOC (emergency vehicle operation course)
- C. Mock interviews

Special Facilities and/or Equipment

Standard classroom with tables, as practice area. Audio visual equipment. Emergency Medical Services (EMS) equipment required

by the course curriculum and consistent with local procedures. This includes CPR mannequins, AEDs, OB mannequin, portable airway and oxygen equipment, spinal immobilization devices, splints and bandages, patient movement devices and appropriate patient assessment equipment. EVOC training may occur at outside vendor who can provide access to ambulance and training route.

Method(s) of Evaluation

Methods of evaluation may include:

A. Writing

1. Patient care reports, journal

B. Problem Solving

1. Scenario-based case studies

C. Skill Demonstrations

1. Performance exams including physical agility, patient related skills and ambulance maneuvering

D. Exams

1. Multiple choice, true/false, matching items, completion, short essay exam

E. Other

1. Participation in mock interviews

Method(s) of Instruction

Lectures, case based scenario.

Representative Text(s) and Other Materials

Mistovich, Joseph, Prehospital Emergency Care, 10th ed. Pearson Publisher, 2013. ISBN 978-0133369137

My Brady Lab, Prentice Hall, 2014. ISBN 978-01337-6656-1

Foothill's EMT Skills Manual

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

A. Reading approximately 30-60 pages per week.

B. Patient Reports and Journals.

Discipline(s)

Emergency Medical Technologies