



Course Outline

2026-2027 Catalog

EMS 110 - Emergency Medical Responder

Catalog Description

Transfer Status: NT

Prerequisite:

American Heart Association Professional Health Care Provider CPR or equivalent, must be 18 years of age as of first day of class

Unit(s): 4.00

Lecture: 51.00 Contact hours/102.00 Out of class hours/153.00 Total hours/3.00 Unit(s)

Lab: 51.00 Contact hours/0.00 Out of class hours/51.00 Total hours/1.00 Unit(s)

Total: 102.00 Contact hours/102.00 Out of class hours/204.00 Total hours/4.00 Unit(s)

Course Description: This course will instruct students to the level of Emergency Medical Responder (EMR). The primary focus of the EMR is to initiate immediate lifesaving care to critical patients who access the emergency medical system. The course covers the basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional Emergency Medical Service (EMS) response and to assist higher level personnel at the scene and during transport. Upon successful completion of the course, students will be eligible to take the exam required for certification as an EMR in the state of California.

Objectives

Upon successful completion of this course, the student should be able to:

1. Comprehend, apply, analyze, and evaluate information relevant to their role as an entry level EMR.
2. Demonstrate technical proficiency in all skills necessary to fulfill the role of an entry level EMR.
3. Demonstrate personal behavior consistent with professional and employer expectations for the entry level EMR.

Course Content

Topic Titles / Suggested Time Topic	
<u>Lecture</u>	
<u>Topics</u>	<u>Lec Hrs</u>
EMS Systems	1.00
Workforce Safety and Wellness	2.00
Documentation	0.50
Communication	1.00
Medical / Legal and Ethics	1.00
Anatomy and Physiology	2.50
Medical Terminology	0.50
Pathophysiology	1.00
Life Span Development	0.50
Public Health	0.50
Pharmacology	0.50
Airway Management	2.00
Respiration	2.00
Artificial Ventilation	1.00
Scene Size-Up	1.00
Primary Assessment	1.00
History Taking	2.00
Secondary Assessment	1.50
Reassessment	0.50
Shock and Resuscitation	2.00
Cardiovascular Emergencies	2.00
Stroke	1.00
Altered Mental Status	2.00
Medical Emergencies	4.00
Trauma Overview	1.00
Bleeding	1.00
Soft Tissue Trauma	1.00

<u>Topics</u>	<u>Lec Hrs</u>
Orthopedic Trauma	1.00
Chest Trauma	1.00
Abdominal and Genitourinary Trauma	1.00
Head, Facial, Neck and Spine Trauma	1.50
Special Considerations in Trauma	0.50
Environmental Emergencies	1.00
Obstetrics and Neonatal Care	2.00
Pediatrics	1.00
Geriatrics	1.00
EMS Operations	3.00
Multi Casualty	1.00
Behavioral Emergencies	1.00
Total Hours: 51.00	

Lab

<u>Topics</u>	<u>Lab Hrs</u>
Vital Signs Assessment	6.00
Airway Management and Ventilaton	11.00
Patient Assessment	10.00
Cardio-Pulmonary Resuscitation (CPR)	4.00
Lifting, Moving and Extrication	6.00
Bleeding Control	4.00
Splinting and Bandaging	6.00
Childbirth	4.00
Total Hours: 51.00	

Methods of Instruction

- A. Class Activities
- B. Homework: Students are required to complete two hours of outside-of-class homework for each hour of lecture
- C. Lecture
- D. Reading Assignments

Methods of Evaluation

- A. Exams/Tests
- B. Demonstration
- C. Class participation
- D. Performance Examinations

Examples of Assignments

Reading Assignments

1. Read a current peer reviewed article on the importance of hand hygiene and be prepared to discuss its role in disease prevention in class.
2. Utilizing your EMR text, read the section on patient assessment and be prepared to explain the SAMPLE PQRST mnemonic in class.

Writing Assignments

1. Document a complete set of vital signs, including appropriate descriptors, that would be expected on a Pre-Hospital Care (PCR) report.
2. List the four different kinds of consent to treat a patient and give an example of each.

Out-of-Class Assignments

1. Successfully complete the internet FEMA module, ICS 100, Introduction to the Incident Command System, prior to classroom lecture on Multi Casualty response and be prepared to explain the role of EMS.
2. Research and present an oral report on Death and Dying to the class.

Recommended Materials of Instruction

LeBaudour, C., Bergeron, J. (2016). Emergency Medical Responder. *Pearson, 10th.*

Minimum Qualifications

Emergency Medical Technologies

