



## 1. Revision Program: Fire & Emergency Medical Services Foundation - CA: Certificate of Achievement

### Description

With Emergency Medical Responder being a prerequisite course for EMT, by completing both courses in sequence one would have a strong foundation for starting an EMS career. The EMT is the beginning level for professional emergency medical response personnel. It is the minimum preparation required to staff an ambulance and most 911 medical response vehicles. EMR and EMT can be completed in one class each. Classes in this area meet California State EMS Authority and ICEMA regulations. The additional Fire classes with EMT satisfy the prerequisites for the learner to apply for the Fire Academy.

### Program Learning Outcomes

- Outcome Using the Incident Command System effectively manage a multi-patient traffic collision simulation

#### Outcomes from Courses in the Program that Meet this Outcome

- Course Outcome**  
 Describe the ICS organization appropriate to the complexity of the incident or event.

#### Institutional Learning Outcomes

- Computation:** Apply complex problem-solving skills using technology, computer proficiency, decision analysis (synthesis and evaluation), applications of mathematical concepts and reasoning, and the analysis and use of numerical data.
- Creative, Critical and Analytical Thinking:** Apply procedures for sound reasoning in the exercise of judgment and decision making; demonstrate intellectual curiosity, academic integrity, and a respect for learning; solve problems through analysis, synthesis, evaluation and creativity; identify, evaluate and appropriate use of multiple sources of information. Utilize the principle of charity, by which alternative viewpoints and diverse voices and are represented accurately and considered fairly.
- Social and Personal Responsibility:** Evaluate the relationship between natural, social and economic systems and the significance of sustainability; demonstrate responsible attitudes toward justice with respect to cultural diversity, citizenship, personal contribution to local and international communities, and the effect of human actions on the environment.
- Information Competency:** Demonstrate information competency and critical thinking skills through their ability to effectively locate, retrieve, evaluate and utilize use library and information resources within the guidelines of academic standards to meet collegiate and personal information needs.

- Outcome Recognize and manage hazardous material situations

#### Outcomes from Courses in the Program that Meet this Outcome

- Course Outcome**  
 Identify the classifications of hazardous materials as described in the Emergency Response Guidebook (ERG).

#### Institutional Learning Outcomes

- Communication:** Read and write analytically including evaluation, synthesis, and research; deliver focused and coherent presentations.
- Computation:** Apply complex problem-solving skills using technology, computer proficiency, decision analysis (synthesis and evaluation), applications of mathematical concepts and reasoning, and the analysis and use of numerical data.
- Creative, Critical and Analytical Thinking:** Apply procedures for sound reasoning in the exercise of judgment and decision making; demonstrate intellectual curiosity, academic integrity, and a respect for learning; solve problems through analysis, synthesis, evaluation and creativity; identify, evaluate and appropriate use of multiple sources of information. Utilize the principle of charity, by which alternative viewpoints and diverse voices and are represented accurately and considered fairly.
- Social and Personal Responsibility:** Evaluate the relationship between natural, social and economic systems and the significance of sustainability; demonstrate responsible attitudes toward justice with respect to cultural diversity, citizenship, personal contribution to local and international communities, and the effect of human actions on the environment.
- Information Competency:** Demonstrate information competency and critical thinking skills through their ability to effectively locate, retrieve, evaluate and utilize use library and information resources within the guidelines of academic standards to meet collegiate and personal information needs.

- Outcome Recognize and manage a victim experiencing a medical emergency.

- Outcome Recognize and manage a victim experiencing a traumatic injury.

- Outcome Recognize the role and responsibility of the Emergency Medical Responder in the EMS System

- Outcome Describe the proper assessment, treatment and management of medical and trauma patients.

### Course Blocks

Successfully complete the following courses:		Units: 15.0
FIRE 61B	Confined Space Rescue Awareness	0.5
FIRE 66	Basic Incident Command	1.0
FIRE 82A	Hazardous Materials First Responder Operational Fall 2025	1.5
EMS 50	Emergency Medical Responder	2.5
EMS 60	Emergency Medical Technician	9.5

Additional course required		Units: 3.0-5.0
Must take one class from the following		
CMST 106	Interpersonal Communication <sup>or</sup>	3.0
COMM C1000	Introduction to Public Speaking <sup>or</sup> Winter 2026	3.0
ENGL C1000	Academic Reading and Writing <sup>or</sup> Summer 2026	4.0
MATH 132	The Ideas of Math <sup>or</sup> Spring 2026	3.0
HLTH 102	Contemporary Problems in Personal and Community Health <sup>or</sup> Spring 2025	3.0
SPAN 101	Elementary Spanish <sup>or</sup> Fall 2026	5.0
SPAN 101A	Fundamentals of Spanish 101A <sup>or</sup> Spring 2026	3.0
SPAN 101B	Fundamentals of Spanish 101B <sup>or</sup> Summer 2026	3.0

**Total: 18.0-20.0**

### Attachments

- [2024-09-25 Advisory Board Meeting \(draft\) \(1\).pdf](#)
- [IED\\_LMA\\_Fire-Academy\\_22-23.pdf](#)
- [IED\\_PR\\_Emergency-Medical-Technicians-and-Paramedics\\_21-22.pdf](#)
- [EMS Foundations Certificate Narrative-Revise 2025.docx](#)

**Implement Date:**