



Hazardous Materials First Responder Operations (2013)

Course Plan

Course Details

Description:	Defensive tactics to contain the release from a safe distance, keep it from spreading, and prevent exposures without trying to stop the release. Meets and exceeds the requirements of CFR 29 1910.120 and CCR Title 8.
Designed For:	Fire prevention personnel, fire inspectors, and other fire department and rescue personnel.
Authority:	California Specialized Training Institute
Prerequisites:	None
Standard:	N/A
Hours:	16.0 hours
Maximum Class Size:	40
Instructor Level:	Primary instructor
Instructor/Student Ratio:	1:40
Restrictions:	None.
SFT Designation:	FSTEP
Note:	For California Specialized Training Institute (CSTI) issued course completion diplomas, the course must also be registered through CSTI. This course does not meet the requirements for Fire Fighter 1B: HazMat FRA/FRO.

Required Resources

Instructor Resources

The following instructor resources are required:

- Instructor Guide
- Student Manual
- PowerPoint

Student Resources

To participate in this course, students need:

- Student Manual

Facilities, Equipment, and Personnel

The following facilities, equipment, or personnel are required to deliver this course:

Facilities

- Standard classroom equipped for 40 students
- Whiteboards or easel pads with appropriate writing implements
- Projector/TV with appropriate laptop connections
- Wifi/Internet access

Objectives

Course Objectives

1. Given applicable course materials, identify the course purpose, scope, and applicable laws, plans and regulations.
2. Given a scenario, recognize the presence of hazardous materials.
3. Given a scenario, identify the hazardous material present and the risks associated with the material.
4. Given an example of a hazardous material and the DOT Emergency Response Guidebook (ERG), identify the hazard information for that substance.
5. Given a scenario and the applicable contingency plan, state the responsibilities of the first responder at the operations level.
6. Given a scenario and the DOT Emergency Response Guidebook (ERG), describe the actions, based on the ERG recommendations, needed to protect themselves and others from the hazards present.
7. Given a scenario and the applicable contingency plan, state the notification process and identify initial notifications needed.
8. Given a scenario, identify additional response resources needed.
9. Explain the purpose, need and benefits, of scene management and demonstrate implementation of the Incident Command System (ICS) at a simulated hazmat incident.
10. State the need for, types, selection criteria and limits of protective equipment commonly used in hazmat incidents.
11. Describe the value, methods and limitations of stabilizing the hazmat incident through safe containment; and, describe protective action options available to first responders.
12. Identify the need for the appropriate decontamination of victims, emergency response personnel and equipment and, describe proper disposal and documentation procedures during a hazmat response.
13. Identify the typical agencies from all levels of government that are likely to respond to a hazmat event and identify their roles, responsibilities and capabilities.
14. Describe the health effects that hazardous materials present to the first responder's life, health and safety.