



# Hazardous Materials First Responder Awareness (2013)

## Course Plan

### Course Details

<b>Description:</b>	Hazardous Materials notification and reporting requirements for Fire Department personnel who may witness or discover a Hazardous Materials Leak, spill, or discharge. Meets the requirements of CFR 29 1910.120 and CCR Title 8.
<b>Designed For:</b>	Fire prevention personnel, fire inspectors, and other fire department and rescue personnel.
<b>Authority:</b>	California Specialized Training Institute
<b>Prerequisites:</b>	None
<b>Standard:</b>	N/A
<b>Hours:</b>	8.0 hours
<b>Maximum Class Size:</b>	40
<b>Instructor Level:</b>	Primary instructor
<b>Instructor/Student Ratio:</b>	1:40
<b>Restrictions:</b>	None.
<b>SFT Designation:</b>	FSTEP
<b>Note:</b>	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

## Time Table

Segment			Unit Total
Unit A: Welcome and Course Overview			0.5
Unit B: Introduction to Hazmat at the FRA Level			1.0
Unit C: Hazardous Materials Recognition and Safety			1.5
Unit D: Safety, Isolation and Notifications			1.0
Unit E: Basic Command			3.5
Unit F: Putting It All Together			0.5
	<b>Course Totals</b>		<b>8.0</b>

### Time Table Key

1. The Time Table documents the amount of time required to deliver the content included in the course plan.
2. Application (activities, skills exercises, and formative testing) time will vary depending on the number of students enrolled and the acquired structure selected for training. The Application time documented is based on the maximum class size identified in the Course Details section.
3. Summative Assessments are determined and scheduled by the authority having jurisdiction. These are not the written or psychomotor State Fire Training certification exams. These are in-class assessments to evaluate student progress and calculate course grades.

## Objectives

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1. Given applicable course materials, identify the course purpose, scope, and applicable 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 awareness 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. Given a scenario, recognize the presence of a confined space and identify the potential hazards of entering the space.