

Hazardous Materials and Emergency Response Awareness Curriculum Overview

Course Description:

4-8 hour course designed for first responders who are mandated by law or necessity to prepare for and respond to emergency incidents involving hazardous materials.

Applicable Standard:

OSHA 29 CFR 1910.120; 49 CFR 171-185

Curriculum:

US Department of Transportation's Emergency Response Guidebook and various components of the HAZWOPER standard are used. This course also uses excerpts from the modules in the 40 hour Hazardous Waste Worker and Emergency Response manual in order to customize an awareness course to meet the specific safety training needs of the students.

Learning Objectives/Topics Covered:

Students will gain:

- An understanding of what hazardous substances are, and risks associated with them in an incident;
- An understanding of the potential outcomes associated with an emergency created when hazardous substances are present;
- The ability to recognize the presence of hazardous substances in an emergency;
- The ability to identify the hazardous substance, if possible;
- An understanding of the role of the first responder awareness individual in the employer's emergency response plan including site security and control and the US Department of Transportation's Emergency Response Guidebook.

Performance Measures:

Students are evaluated on their participation in small group activities and class discussions.