



# INITIAL RESPONSE TO HAZARDOUS MATERIALS INCIDENTS: BASIC CONCEPTS

## *Course Description:*

This course is designed to give the participant an understanding of the basic concepts and techniques of hazardous materials first response. Instruction is based on 29 CFR 1910.120 (OSHA) and 40 CFR 311 (EPA), but does not include "hands on" practical applications. The participant will be able to define and identify hazardous materials and their potential dangers, access resources appropriate to the emergency, and ensure personal safety when functioning as a hazardous materials first responder. This course was developed by the National Fire Academy.

*Textbook:* IRHMI-Basic Student Manual

*Course Length:* 12 hours

Lesson 1 - Introduction

Lesson 2 - Regulations and standards

Lesson 3 - Personal Safety

Lesson 4 - Toxicology

Lesson 5 - Introduction to Recognition and Identification

Lesson 6 - Site Management and Scene Size-Up

Lesson 7 - Personal Protective Equipment

Lesson 8 - Decontamination

Lesson 9 - Resources

Lesson 10 - Course Wrap-Up