



RESPONDING TO UTILITY EMERGENCIES

Course Description:

This course is designed to increase the emergency responders' knowledge of electricity and natural gas, and explains the myths and mistakes made by the first responder. Students gain knowledge and understanding of the skills needed to identify and evaluate hazards and avoid injury. Students learn electrical and natural gas safety awareness and safe operating procedures recommended by the utility industry. This course is designed strictly for use in the defensive mode. This class was developed by Red Hat Publishing.

Textbook: Student Manual/Handout

Class length: The course is broken into two segments: one, 8 hour block involving electricity emergencies and one, 4 hour block involving natural gas. The departments may take the 8 or 4 hour session and complete the other section at a later date.

Lesson 1 – Overview, Scope and Introduction

Lesson 2 – Electricity 101: Electricity and Electrical Hazards

Lesson 3 – Electricity: Getting it from Point A to Point B – Generation,
Transmission and Distribution

Lesson 4 – Street Smart Response to Electrical Emergencies

Lesson 5 – Understanding Natural Gas and Utility Systems

Lesson 6 – Street Smart Response to Natural Gas Emergencies