

## Basic Emergency Response Awareness Syllabus

**Time:** 8 hours

**Maximum Class Size:** 10

**Prerequisites:** None

**Course Description:** This course is designed to offer health effect and prevention information to those who may be exposed to chemical or biological agents used as weapons of mass destruction, either as victims, as responders or as clean-up workers in the aftermath of an incident. It is also intended for supplemental education for those involved in clean-up and/or emergency response situations.

### Goals/Objectives/Student Learning Outcomes:

- List potential chemical and Category “A” Biological Weapons of Mass Destruction (WMD)
- List and describe the signs and symptoms for each of these weapons.
- Describe the methods of dispersal for each category listed.
- Explain how PPE can be used to protect against exposure to chemical and biological WMDs.
- List information to obtain as an Emergency Responder before going into a disaster site.
- Be familiar with emergency response in a workplace and a community.
- Define incident command system.
- Explain the general principles and logistics associated with the Fire Service Incident Command System.
  - Where to report at an incident scene
  - Who to report to
  - The specific responsibilities
- Explain how the Incident Command System is implemented by the Fire Service during incidents involving hazardous materials and/or WMDs
- Define the general structure of the Incident Command System and the respective roles and responsibilities

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- Describe how the Incident Command System evolves from small to large incidents.
- Describe the responsibilities of the Skilled Support Personnel (SSP) during and following and incident involving hazardous materials or WMDs.
- Recognize key safety issues for SSPs working within such incidents.
- Define critical incident
- List the symptoms of a stress reaction
- Explain how to manage stress at a critical incident
- Explain the purpose of Critical Incident Stress Debriefing.

## Standards Addressed

- OSHA 29 CFR 1926 Personal Protective Equipment
- OSHA 29 CFR 1910.120 Hazardous Waste Operations & Emergency Response
- OSHA 29 CFR 1910.38 Standard for Employee Emergency Action Plan
- NIOSH: Interim Recommendations for the Selection and Use of Protective Clothing and Respirators against Biological Weapons

## Classroom Rules and Procedures

- All classes begin at 6:30 am and end at 3:00 pm
- Upon entering classroom, all participants must sign in and be seated by 6:30 am
- Class will consist of a combination of lecture, video, demonstration, coached group exercises, individual exercises and assessment.
- Students are required to report to class ready to work and maintain the provided PPE

### Textbooks/Readings/Materials

- LIUNA: *Basic Emergency Response Awareness IG*
- LIUNA: *Basic Emergency Response Awareness PG*
- Comparison Charts
- Coastal Training Technologies Video: Biological & Chemical Threats-Closing the Door
- Anthrax Awareness
- NIOSH Pocket Guide to Chemical Hazards
- Biological Warfare Agents poster
- Critical Incident Stress Debriefing Brochure
- LIUNA: *Basic Emergency Response Awareness Power Point*
- Computer and projector
- LTS Student Handout Packet

## **Basic Emergency Response Awareness Syllabus**

### **Tools/Equipment/Other Materials**

- Glove samples
- Respirator samples
- Hearing protection samples
- Eye protection samples

### **Personal Protective Equipment**

- 10 pairs of gloves
- 10 pairs of Safety Glasses
- 20 pairs of Ear plugs
- 10 hard hats

### **Course Requirements**

To receive credit for the course, participants must:

- Be present for full eight hours
- Participate in all classroom exercises
- Pass a hands-on exam

### **Course Policies**

- Participants must be on-time and ready to work.
- Participants must return from breaks on-time.
- Participants must participate in each exercise and assignment
- Participants who are on “light duty” are not allowed to take this course due to the physically demanding requirements.

### **Assessment and Grading**

Participants will be assessed on the following:

- All written exams must be passed with a score of 80% or above.
- All hands-on exercises are graded on performance and participation. They are pass/fail and must be passed with a score of 80% or above.

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### **Safety**

Failure to maintain and use PPE may result in dismissal from the course.