

Program of Instruction

Course Syllabus

Course Title: Statewide WMD Response: Technical Rescue Awareness

Course Duration: 9 hours

Program: Technical Rescue Program

Level of Training: Awareness

Course Prerequisites: None

Course Description: The scope of this 9-hour course is to begin to prepare local responders to operate as a local member of a regional team within the National Incident Management System at a Chemical, Biological, Radiological, Nuclear, or Explosive (CBRNE) Weapons of Mass Destruction (WMD) event requiring statewide response that has resulted in the need for a technical rescue.

This course is for the basic first-in company. It will provide first responders with the information needed to identify the rescue situation, its specific hazards, and the initial company operations to be performed. Subject areas include: standards, structural collapse rescue, rope rescue, confined space rescue, vehicle and machinery rescue, water and ice rescue, wilderness search and rescue, trench and excavation rescue, and incidents involving WMD.

Course Requirements:

100% attendance of the 9-hour course

Passing score of 70% on the state exam

Course Content:

Module: 1

Title: Standards

Terminal Learning Objective:

At the conclusion of this module, the student will summarize the general requirements necessary to mitigate a technical rescue incident, as defined in their student manual.

Evaluation:

Students participate in a class question-and-answer session regarding the information presented in this module.

Module: 2

Title: Structural Collapse

Terminal Learning Objective:

At the conclusion of this module, the student will be given a scenario, and will summarize all Awareness level tasks to be accomplished at a structural collapse incident, as defined in their student manual.

Evaluation:

Students will participate in a small group discussion to complete a case study on structural collapse.

Module: 3

Title: Rope Rescue

Terminal Learning Objective:

At the conclusion of this module, the student will be given a scenario, and will summarize all Awareness level tasks to be accomplished at a rope rescue incident, as defined in their student manual.

Evaluation:

Students will participate in a small group discussion to complete a case study on rope rescue.

Module: 4

Title: Confined Space

Terminal Learning Objective:

At the conclusion of this module, the student will be given a scenario, and will summarize all Awareness level tasks to be accomplished at a confined space incident, as defined in their student manual.

Evaluation:

Students will participate in a small group discussion to complete a case study on confined space rescue.

Module: 5

Title: Vehicle and Machinery

Terminal Learning Objective:

At the conclusion of this module, the student will be given a scenario, and will summarize all Awareness level tasks to be accomplished at a vehicle and machinery rescue, as defined in their student manual.

Evaluation:

Student will participate in a small group discussion to complete a case study on vehicle and machinery rescue.

Module: 6

Title: Water

Terminal Learning Objective:

At the conclusion of this module, the student will be given a scenario, and summarize all Awareness level company tasks to be accomplished at a water rescue incident, as defined in their student manual.

Evaluation:

Students will participate in a small group discussion to complete a case study on water rescue.

Module: 7

Title: Wilderness SAR

Terminal Learning Objective:

At the conclusion of this module, the student will be given a scenario, and will summarize all Awareness level tasks to be accomplished at a wilderness SAR incident, as defined in their student manual.

Evaluation:

Students will participate in a small group discussion to complete a case study on Wilderness SAR.

Module: 8

Title: Trench and Excavations

Terminal Learning Objective:

At the conclusion of this module, the student will be given a scenario, and will summarize all Awareness level company tasks to be accomplished at a trench or excavation incident, as defined in their student manual.

Evaluation:

Students will participate in a small group discussion to complete a case study on trench rescue.

Module: 9

Title: Incidents Involving Weapons of Mass Destruction

Terminal Learning Objective:

At the conclusion of this module, the student will summarize all Awareness level company tasks to be accomplished at a WMD incident, as defined in their student manual.

Evaluation: Students will participate in a small group discussion to complete a case study on a WMD event.

References:

Emergency Responder Guidelines, *ODP 2002*

Emergency Response to Terrorism-Job Aid, *FEMA 2000*

Emergency Response to Terrorism- Basic Concepts: Student Manual, *FEMA 2002*

NFPA 1670- Standard on Operations and Training for Technical Search and Rescue Incidents

NFPA 1561- Standard on Emergency Services Incident Management System

NFPA 1521- Standard for Fire Department Safety Officer

NFPA 1500- Standard on Fire Department Occupational Safety and Health Program

NFPA 1006- Standard for Rescue Technician Professional Qualifications

NFPA 1983- Standard on Fire Service Life Safety Rope and System Components

OSHA 29CFR 1910.146- Confined Space

OSHA 29CFR 1910.147- Lock Out/Tag Out

OSHA 29 CFR 1926 Sub Part M- Fall Protection

Statewide WMD Response: Technical Rescue Awareness Student Manual

Evaluation Strategy:

The instructor will observe individual student participation in the group exercises. A written test is conducted at the completion of the course.

Course Schedule

<u>Time</u>	<u>Event</u>	<u>Duration</u>
8:00 – 9:00	Module 1	1:00
9:00-10:00	Module 2	1:00
10:00-10:30	Module 3	:30
10:30-11:30	Module 4	1:00
11:30-12:30	Lunch	1:00
12:30-1:30	Module 5	1:00
1:30-2:30	Module 6	1:00
2:30-2:45	Break	:15
2:45-3:45	Module 7	1:00
3:45-4:45	Module 8	1:00
4:45-6:15	Module 9	1:30