

Program of Instruction

Course Syllabus

Course Title: Technical Rescue Awareness

Course Duration: 8 hours

Program: Technical Rescue Program

Course Description: The scope of this 8-hour course is to begin to prepare local responders to operate as a local member of a fire department. 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, rope, confined space, trench and excavation, structural collapse, vehicle and machinery, water emergencies, and wilderness search and rescue.

Course Requirements and/or Recommendations: These can be divided into three categories: those completed prior to arriving in class (Pre-Course Work), those completed during class, such as homework assignments and quizzes (Course Work), and requirements completed after class but prior to receiving a certificate of completion. (Post-Course Work)

Summary of Directions

Pre-Course Work: **Step 1** Read student Handout and Answer Questions

Course Work: Attend and participate in all lectures and classroom exercises.

Course Policies:

Safety Policy: Students shall understand and follow all instructions pertaining to operational safety, as stated by instructors or as written in course materials. Instructors and students shall be mindful of safety at all times. Conduct judged to be unsafe shall be grounds for dismissal from the course.

Academic Integrity Policy: IFSI has the responsibility for maintaining academic integrity so as to protect the quality of the education provided through its courses, and to protect those who depend upon our integrity. It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may lead to suspicion of such infractions, and from conduct that aids others in such infractions, and from conduct that aids others in such infractions. Any violation of the code of conduct is grounds for immediate dismissal from the course.

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.

Module: 2

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.

Module: 3

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.

Module: 4

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.

Module: 5

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.

Module: 6

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.

Module: 7

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.

Module: 8

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.

References:

Emergency Responder Guidelines, current version

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

NFPA 1006 - Standard for Rescue Technician Professional Qualifications

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

OSFM Technical Rescue Awareness IRM, January, 2001

OSHA 29CFR 1910.146- Confined Space

OSHA 29CFR 1910.147- Lock Out/Tag Out

OSHA 29 CFR 1926 Sub Part M- Fall Protection

Course Schedule

Module 1 – Standards	30 minutes
Module 2 – Rope Rescue	45 minutes
Module 3 – Confined Space	45 minutes
Module 4 – Trench & Excavations	1 hour
Module 5 – Structural Collapse	1 hour
Lunch	
Module 6 – Vehicle Machinery	1 hour
Module 7 – Water	1 hour
Module 8 – Wilderness S&R	30 minutes
Exam	1 hour 30 minutes