

Program of Instruction

Course Syllabus

Course Title: Trench Rescue Technician: Indoor Shoring and Maintenance Refresher

Course Duration: 8 Hours

Program: Special Operations Training Program

Course Prerequisites: Trench Rescue Technician

Course Description: Special Operations Training Program Refresher Courses provide hands on training at the technician level. Participants will have the opportunity to refresh critical skills through classroom review, drills and/or scenario exercises. This course pertains to trench rescues involving injured or entrapped persons. The class covers the federal and state regulations, use of specialized equipment for atmospheric monitoring, emergency shoring systems, victim excavation, and employment of rescuer constructed retrieval systems. Special emphasis will be given to rescuer safety and scene evolutions involving various trench rescue problems.

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: None

Course Work: Participate in all coursework and drills.

Post-Course Work: None

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. Any violation of the code of conduct is grounds for immediate dismissal from the course.

American Disabilities Act: As guaranteed in the Vocational Rehabilitation Act and in the American Disabilities Act, if any student needs special accommodations they are to notify their instructor and provide documentation as soon as possible so arrangements can be made to provide for the student's needs.

Course Content:

Module: Indoor Shoring and Maintenance Refresher

1. Describe advanced shoring concepts.
2. Identify the components of a shoring system.
3. Explain the application of manufacturer's tabulated data.
4. Describe when to use supplemental sheeting and shoring.
5. Describe how to shore a deep wall trench in excess of 8 feet.
6. Describe the "T" shoring system.
7. Describe the three types of "L" shoring systems.
8. Identify the use of isolation systems.
9. Demonstrate the procedures for using supplemental sheeting and shoring systems.
10. Demonstrate proficiency in shoring a deep wall trench in excess of 8' including shoring trench end walls.
11. Demonstrate shoring a "T" trench.
12. Demonstrate shoring three "L" trenches.
13. Participate as a member of a rescue team, demonstrating Technician-level skills.

Class Schedule

Module: Trench Technician Shoring Concepts & Tabdata	3 hours 30 minutes
Drill: Wooden Models - build L and T trenches-rotate	1 hour
Drill: Life Size L Model Exercise-rotate	1 hour
Lunch	
Drill: Ladder Jib- rotate	1 hour
Drill: A Frame – rotate	1 hour
Overview: Maintenance – rotate	30 minutes
Your Stuff is 10 years old, now what?	
How to complete maintenance on your pneumatic shores.	