

## TRENCHING AND SHORING SYLLABUS

**Description:** Training will inform workers on the hazards of working in or around trenches, protective techniques for trenches and excavations. Basic soil typing, protective systems, and hazards at an excavation site will also be covered.

**Course start time:** 7:30am – 4:00pm CBT Lab hours

**Course Length:** Approximately 20-45 minutes including test. (Course is 18 minutes in length)

**Presentation Method:** CBT – Computer Based Training

**Audience:** Any employee who will be working in or around an excavation or trench.

**Subjects covered (topics):**

Objectives	Fatalities/injuries	What is an excavation
What is a cave-in	Consequences	Soil classification
Stability	Type A/B/C soil	Soil test
Soil distress	Conditions	Trench Protective systems
Sloping/Benching	Shoring	Shielding
Stacking Trench Boxes	Hazardous Atmospheres	Falling soil/equipment
Adjacent structures	Water accumulation	Entry/exit
Other Issues	Inspections	Test

**Objectives:** Upon completion of the course, trainees will have a general awareness knowledge of the following:

1. Recognize hazards associated with trenches
2. Basic protective systems for trenches
3. Hazards and prevention measures for the activities associated with trenching and excavations

**Test Information:** Test consist of 15 questions and will require 80% or higher to pass the course.