

Minnesota State

Community and Technical College
Workforce Development Solutions
COURSE SYLLABUS FORM

Title: Trenching & Excavation

Project/Course Number: IHS288

Contact Hours: 3 hours

Category: Safety

Sub-Category: Safety

Project/Course Description:

This course will provide employees the knowledge to properly assess soil classifications and safely identify hazards associated with trenching and excavating. Participants will learn the requirements for protective systems and gear in order to create and maintain a safe working environment.

Project/Course Outcomes - Participants Will Learn To:

- Demonstrate correct soil testing procedures
- Identify hazards associated with trenching and excavating
 - Surface encumbrances
 - Underground utilities
 - Equipment
 - Overhead loads
- Utilize rescue equipment in the face of an emergency
- Protect the integrity of adjacent structures
- Perform inspections
- Create safe walkways
- Practice correct employee protection

Resources:

Instructor: Qualified Instructor
Materials: OSHA approved materials/handouts
Physical Set-Up: Classroom / Lab (actual industry confined spaces)

Product Director/Corporate Academic Dean: G.L. Tucker, Executive Director - WDS

Date: 04.03.17