

JRYM 413: UNDERGROUND TRAINING (ILT)

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Fall 2026
Units:	0
Hours:	3 lecture per quarter (3 total per quarter)
Prerequisite:	This course is limited to students employed with Cupertino Electric.
Degree & Credit Status:	Non-Degree-Applicable Non-Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Non-Credit Course (Receives no Grade)
Repeatability:	Unlimited Repeatability

Student Learning Outcomes

- Demonstrate foundational earth work safety knowledge
- Recognize regulatory and company safety requirements

Description

This course provides a basic understanding of what is needed from a safety and productions aspect for doing underground installations. During the class, the student will gain an understanding of soil type, all safety requirements for state and federal requirements, and the OSHA standards for underground work.

Course Objectives

The student will be able to:

1. Understand the basic safety and earth work.
2. Understand grading, excavating, directional boring, and penetrating objects into the earth.
3. Understand the OSHA guidelines and CEI policy for trenching and excavation.
4. Grade stake reading and effectively manage operators and spoils.

Course Content

1. Underground safety
 - a. Best practices
 - b. OSHA standards
 - c. EH&S handbook

Lab Content

Not applicable.

Special Facilities and/or Equipment

1. When taught in-person, clean classroom with monitor and printed material for students to take as reference materials.
2. When taught online, this course requires access to CEI's Learning Management System (Amplify), ongoing access to a computer with the necessary software and hardware to view video content, and a reliable intranet connection.

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

Results of class participation

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

Lectures

Representative Text(s) and Other Materials

OSHA standards and EH&S handbook provided by Cupertino Electric.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

No assignments.

Discipline(s)

Electricity