

JRYM 426G: SAFE CABLE PULLING, EQUIPMENT SELECTION & OPERATING FUNDAMENTALS

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Fall 2026
Units:	0
Hours:	1.25 lecture per quarter (1.25 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

- Identify common cable pulling equipment used on CEI projects
- Recognize safe operating fundamentals for cable pulling

Description

This course covers safe cable pulling, equipment selection, and operating fundamentals, including best practices, proper use, and avoiding hazards.

Course Objectives

The student will be able to:

1. Apply cable pulling and equipment selection guidelines, and understand the safe operating fundamentals necessary for performing cable pulls efficiently and safely.
2. Select the appropriate equipment for various pulling scenarios and follow best practices to prevent injuries, equipment damage, and cable failures.

Course Content

1. Overview of cable pulling operations and associated risks
2. Guidelines for selecting appropriate cable pulling equipment based on job scope and conditions
3. Inspection and setup of pulling equipment
4. Understanding cable tension, bend radius, and lubrication requirements
5. Safe operating procedures and communication protocols
6. Recognizing and mitigating cable pulling hazards
7. Emergency stop procedures and response

8. Proper handling, storage, and maintenance of cable pulling equipment
9. CEI and manufacturer safety standards

Lab Content

Not applicable.

Special Facilities and/or Equipment

1. When taught in person, this training must be conducted in a clean classroom with internet access, necessary hardware and software, and course materials, if applicable.
2. When taught online, this course requires access to CEI's Learning Management System (Amplify), continuous 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:

Quiz

Results of skills demonstration

Method(s) of Instruction

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

Lecture

Classroom demonstration

Representative Text(s) and Other Materials

Cupertino Electric use of applicable video media.

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

No assignments.

Discipline(s)

Electricity