

JRYM 423A: RIGGING & INSTALLATION TECHNIQUES (ILT)

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Fall 2026
Units:	0
Hours:	3 lecture, 3 laboratory per quarter (6 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

- Recognize safe rigging and lifting considerations
- Identify common materials and equipment requiring rigging

Description

This course covers the basic rigging and lifting techniques that electricians need for the most common types of material and equipment used on projects.

Course Objectives

The student will be able to:

1. Assess the situation when moving heavy equipment.
2. Locate the center of gravity for all types of loads and determine what type of equipment is best for the task.
3. Understand the safest way to move material from one point to its final location.
4. Understand what to look for when transporting any type of material.

Course Content

1. Provide examples of different types of materials and loads commonly moved on the job.
2. Explain the safest methods for transporting materials from the starting point to the final destination.
3. Identify key considerations and safety checks when moving any type of material.
4. Review CEI's best practices and lessons learned related to material handling.

Lab Content

1. Safe material handling and transport in the workplace
2. Proper methods for moving, and key safety precautions during material transport

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:

Results of hands-on demonstrations
Quiz

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

Equipment and course materials provided by Cupertino Electric.

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

No assignments.

Discipline(s)

Electricity