

JRYM 423D: CRANE PICK PLAN MANAGEMENT

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Spring 2026
Units:	0
Hours:	1 lecture per quarter (1 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:	Not Repeatable

Student Learning Outcomes

- Develop a critical lift plan that accounts for load weight, crane capacity, and radius
- Evaluate ground conditions and matting requirements for crane stability
- Verify rigging certifications and equipment inspections prior to the lift
- Coordinate pre-lift meetings to assign roles and responsibilities

Description

This course covers topics related to the CEI requirements to manage a crane pick and the necessary elements required in a pick plan.

Course Objectives

The student will be able to:

1. Identify the CEI requirements for managing a crane pick and understand the critical components of a compliant pick plan.
2. Demonstrate the ability to evaluate lift scenarios and apply appropriate planning elements to ensure safe and effective crane operations.

Course Content

1. Crane pick management requirements
2. Components of a compliant pick plan
3. Evaluating crane lift scenarios, planning elements for safe crane operations, applying lift planning to job site operations to ensure compliance, safety, and efficiency

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

CEI EH&S program and applicable Fed/OSHA and/or Cal/OSHA standards, provided by Cupertino Electric.

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

No assignments.

Discipline(s)

Electricity