

# JRYM 423J: SIGNALING (CRANE SIGNALING) AUTHORIZED PERSON

## Foothill College Course Outline of Record

Heading	Value
<b>Effective Term:</b>	Spring 2026
<b>Units:</b>	0
<b>Hours:</b>	1.5 lecture per quarter (1.5 total per quarter)
<b>Prerequisite:</b>	This course is limited to students employed with Cupertino Electric.
<b>Degree &amp; Credit Status:</b>	Non-Degree-Applicable Non-Credit Course
<b>Foothill GE:</b>	Non-GE
<b>Transferable:</b>	None
<b>Grade Type:</b>	Non-Credit Course (Receives no Grade)
<b>Repeatability:</b>	Unlimited Repeatability

## Student Learning Outcomes

- Provide proper hand signals during hoisting operations and communicate protocols
- Identify basic crane types, functions, and limitations

## Description

This training course is required under Federal OSHA §1926.1428 and qualifies the employee to act as a signal person when coordinating with equipment operators. Key objectives include ensuring compliance with applicable safety regulations, understanding crane characteristics and limitations, and demonstrating proficiency in using standard hand and voice signals during hoisting operations.

## Course Objectives

The student will be able to:

1. Effectively perform as a qualified signal person for hoisting CEI loads on CEI projects.
2. Practice the proper use of standard hand and voice signals.
3. Demonstrate an understanding of crane operations, characteristics, and limitations.
4. Communicate with equipment operators in compliance with Federal OSHA §1926.1428 and company safety standards.

## Course Content

1. OSHA §1926.1428 requirements for qualified signal persons
2. Roles and responsibilities of the signal person during hoisting operations
3. Standard hand signals and proper communication protocols
4. Use of voice signals in coordination with crane operators
5. Basic crane types, functions, and limitations
6. Identifying crane hazards and safe working distances

## 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:

Results of skills demonstration  
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

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