

JRYM 412: SEISMIC WORKSHOP (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

- Interpret California Building Code requirements for seismic bracing of electrical equipment
- Design layout supports and brace locations for engineering approval
- Select the correct seismic bracing system for specific project conditions
- Differentiate between requirements for floor-mounted and wall-mounted equipment

Description

This course provides an understanding of the Building Code and the requirements of seismic requirements for the most common electrical equipment.

Course Objectives

The student will be able to:

1. Understand what suspended utilities require seismic bracing.
2. Layout primary supports and proposed brace locations for engineering approval.
3. Select the best seismic bracing system for their project.

Course Content

1. Terms and glossary for basic seismic systems
2. Seismic standards, requirements for floor and wall mounted equipment
3. Building Code

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

Course materials provided by Cupertino Electric.

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

No assignments.

Discipline(s)

Electricity