

# JRYM 403: PM PARTNERSHIPS: BUILDING INFORMATION MODELING (BIM) COORDINATION

## 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:	Unlimited Repeatability

## Student Learning Outcomes

- Identify key stakeholders and escalation paths for each phase of the BIM workflow
- Evaluate potential pitfalls and red flags in the coordination process
- Demonstrate effective communication strategies to coordinate between BIM stakeholders
- Collaborate with the BIM and Production teams to establish a defined scope and budget

## Description

This course offers an exploration of the Building Information Modeling (BIM) coordination process. The training features insights from industry experts who will share best practices, common challenges, and effective strategies for fostering successful BIM partnerships. Whether the student is new to BIM or looking to refine their approach, this course provides practical guidance to enhance collaboration and project outcomes.

## Course Objectives

The student will be able to:

1. Identify the owners, stakeholders, and escalation path for each phase of the BIM workflow.
2. Understand schedule management expectations.
3. Describe the potential pitfalls and red flags to look for during each phase of the BIM process.
4. Demonstrate the role of the PM in driving effective communication and coordination between BIM stakeholders.
5. Collaborate with the BIM department and production team to establish and agree upon a BIM scope and budget.

## Course Content

1. BIM workflow overview and stakeholder mapping
  - a. Phases of the BIM workflow (design, coordination, preconstruction, construction, closeout)
  - b. Typical roles and responsibilities: owner, architect, engineers, trade partners, BIM department, PM, and field teams
  - c. Escalation paths for each phase (who to contact, when, and how)
2. Schedule management in the BIM process
  - a. Coordination sequencing and its relationship to construction timelines
3. Pitfalls and red flags across the BIM workflow
  - a. Early warning signs of BIM-related issues
  - b. Communication breakdowns and data mismanagement

## 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.
3. Access to BIM.

## Method(s) of Evaluation

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

Results of class participation  
Prior experience in the electrical industry

## Method(s) of Instruction

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

Lectures  
Classroom demonstration  
Group discussion

## Representative Text(s) and Other Materials

Cupertino Electric's BIM Overall Workflow related examples.

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

No assignments.

## Discipline(s)

Electricity