JRYM 106: PROJECT MANAGEMENT DEVELOPMENT FOR COMMERCIAL CONSTRUCTION LEVEL 2

Foothill College Course Outline of Record

Heading	Value
Units:	2.5
Hours:	18 lecture, 36 laboratory per quarter (54 total per quarter)
Prerequisite:	JRYM 105.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

Student Learning Outcomes

- Develop critical thinking skills in daily journal activities.
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- Produce a preconstruction report that demonstrates the skills of a project manager including financial planning, pre-coordination, change orders, submission of submittals, requests for information, and safety planning.
- Develop and present a small group preconstruction presentation that demonstrates the project management skills of teamwork, communication, research, resourcefulness, and marketing.

Description

In this course students will apply the concepts learned in JRYM 105 and advance their skills. These skills will enable students to obtain work in the construction market, manage risk, and negotiate changes, as well as develop and present pre-construction interviews. Students will build on topics learned in JRYM 105 to develop advanced planning, managing, monitoring, and interpersonal skills.

Course Objectives

The student will be able to:
A. Design and develop a pre-construction marketing presentation
B. Understand and apply advanced negotiation skills
C. Develop and demonstrate advanced project planning techniques with financial and safety objectives
D. Develop and demonstrate advanced presentation and interpersonal communication skills

Course Content

A. Design and develop a pre-construction marketing presentation
1. Research competitors in the industry
2. Develop a strategy for the presentation
3. Develop an outline of the presentation
4. Deliver presentation
B. Understand and apply advanced negotiation skills
1. Understand how to identify position and interests
2. Demonstrate and participate in planning, execution, and analysis of negotiation exercises
3. Develop and demonstrate in-time negotiation skills and techniques
C. Develop and demonstrate advanced project planning techniques with financial and safety objectives
1. Understand OSHA safety standards related to OSHA 10
2. Prepare a jobsite kick-off meeting agenda with financial and safety goals
3. Identify and understand how to plan for safety and financial goals on a project before construction begins
D. Develop and demonstrate advanced presentation and interpersonal communication skills
1. Develop interpersonal goal work plans
2. Develop and apply presentation skills goals
3. Develop individual, partner, and group presentations
4. Observe and evaluate self and classmates' presentations

Lab Content

A. Students will work individually, in partners, and in teams on advanced application of estimating, presentations, and preparing construction documents.

Special Facilities and/or Equipment

A. Laboratory with internet enabled computers
B. AV equipment and overhead projector
C. Video camera

Method(s) of Evaluation

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

A. Results of daily written exercises, weekly homework assignments, and final presentation
B. Satisfactory completion of bid and proposal presentation
C. Class participation and exercises
D. Video and play back of presentation exercises
E. Class and self-evaluation of negotiation exercises

Method(s) of Instruction

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

A. Lecture
B. Lab assignment
C. Group discussion
D. Presentation

Representative Text(s) and Other Materials

Project Management Institute. Construction Extension to the PMBOK Guide. 6th ed. Newtown Square, PA: Project Management Institute, Inc., 2016.

Akers, Paul. 2 Second LEAN. 3rd ed. New York, NY: Gallup Press, 2004.

Rath, Tom. 2 StrengthsFinder. 3rd ed. New York, NY: Gallup Press, 2004.

Fisher, Rodger, and William L. Ury. Getting to Yes: Negotiating Agreement Without Giving In. 3rd ed. New York, NY: Penguin Books, 2011.

NOTE: Although one or more of theses texts is/are older than the recommended 5 years, they conform to national training standards and are considered seminal works in the discipline. We will adopt the next edition of each text, as it is published.

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

A. Textbook: 2 Second LEAN

1. Readings: Students will read the entire book during JRYM 105

2. Writing: Students will prepare a construction schedule applying LEAN practices

B. Textbook: Project Management Institute

1. Readings: Students will be assigned selected readings from the book

2. Writings: Students will apply reading in construction project management documentation planning and preparation exercises

C. Textbook: StrengthsFinder

1. Readings: Students will read the strengths as indicated from the computer-based assessment during JRYM 105

2. Writings: Students will create goals presentation and professional goals based on the strengths

Discipline(s)

Plumbing, Steamfitting, Air Conditioning, Refrigeration, Heating