

COURSE SYLLABUS

CNET 4910 Problems in Project Management

COURSE INFORMATION

Credit Hours: 3
Term: Summer 2026

INSTRUCTOR INFORMATION

Name: Saman Rashidyan, Ph.D., PE
Office: Discovery Park F101J
Office Hours: MW 2 pm-3 pm
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COMMUNICATION EXPECTATIONS

- You can communicate with your instructor via email any time. Emails will be answered within 48 hours.
- Homework, grades, PowerPoint files and announcements will be posted on Canvas.

COURSE DESCRIPTION

This course involves bid preparation, cost control, scheduling, contract preparation, construction documents interpretation, punch list management and project evaluation.

COURSE OBJECTIVES

By the end of the course, you will be able to:

1. explain the issues involved with preparation and management of construction projects.
2. determine the proper use and tracking of schedules during a construction project.
3. calculate operational parameters such as production and payment.
4. resolve problems that would be anticipated to arise on a typical construction project.
5. discuss matters involved with the completion and closeout of construction projects.

STUDENT LEARNING OUTCOMES (ABET)

SO3: An ability to apply written, oral, and graphical communication in broadly-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.

MATERIALS

Textbook

Required: Construction Jobsite Management (4th Edition) by: William Mincks and Hal Johnston, Cengage Learning. Course outline is based on this textbook.

*Additional materials to be provided in class/on Canvas, including excerpts from manuals, etc.

COURSE REQUIREMENTS

Exam

There will be one exam. The Exam will be based on the textbook, handouts, and homework. Students are responsible for all text material. The exam includes short answers, true or false, fill in the blanks and multiple-choice questions.

Missed Exams: You will be allowed to make up missed exams only if you have a documented university excused absence. Make-up exams may not be the same as the original.

Homework

Homework is due one week, unless otherwise noted.

Late Homework: You are NOT allowed to turn in late homework.

Final Project

The final project includes a written report to be worth 20 points towards your final grade.

TENTATIVE COURSE OUTLINE

The course outline may be subjected to modifications with notice.

Week	Topic	Book Chapter
1	Introduction to project management, The project team	1&2
2	Use of construction documents on the jobsite - Submittals, samples and shop drawings	3&4
3	Documentation and record keeping at the jobsite, Jobsite layout and control	5&6
4	Meetings, Negotiations, and Dispute Resolution, Jobsite labor Relations and Control	7&8
5	Personnel and Safety Management, Subcontracting and Purchasing	9&10
6	Project quality management, Time and Cost Control	11&12
7	Exam	
8	Changes and Claims, Project Closeout	16 & 18
9	Final Project	
10	Final Project	

GRADING

Homework	30
Final project	20
Exam	50
Total	100

GRADE DISTRIBUTION

90 – 100 and higher	A
80-89	B
70-79	C
60-69	D
Below 60	F