

# COURSE SYLLABUS

## CNET 4180 Problems in Project Management

### COURSE INFORMATION

**Credit Hours:** 3

**Term:** Spring 2019

**Time:** Lecture: (F) 9:30 am – 12:20 pm.

**Classroom:** NTDP F187

### INSTRUCTOR INFORMATION

**Name:** Dr. Saman Rashidyan

**Office:** Discovery Park F115V

**Office Hours:** (M) 9:30 am-12:30 pm or by appointment

**Phone:** (940) 369-5263

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### 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. discuss matters involved with the completion and closeout of construction projects.
5. resolve problems that would be anticipated to arise on a typical construction project.

### STUDENT LEARNING OUTCOMES (ABET)

- Ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature (#11)
- Understanding of the need for and an ability to engage in self-directed continuing professional development (#12).

## MATERIALS

### **Textbooks**

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

**Supplementary:** Construction Project Administration (10<sup>th</sup> Edition) by: Edward R. Fisk and Wayne D. Reynolds, Pearson.

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

## TENTATIVE COURSE OUTLINE

The course outline may be subjected to modifications with notice.

<b>Week</b>	<b>Topic</b>	<b>Book Chapter</b>
1	Introduction to project management	1
2	The project team	2
3	Use of construction documents on the jobsite Submittals, samples and shop drawings	3 4
4	Documentation and record keeping at the jobsite Jobsite layout and control	5 6
5	Jobsite layout and control Meetings, negotiations and dispute resolution	6 7
6	Jobsite labor relations and control Subcontracting and purchasing	8 10
7	Project quality management <b>Exam #1 (March 1)</b>	11
8	Time and cost control	12
9	<b>Spring Break</b>	
10	Waste and environmental management	13
11	Changes and claims Progress payments	16 17
12	Project closeout <b>Exam #2 (April 5)</b>	18
13	Guest speaker	
14	Students presentation	
15	Students presentation	
16	Reading Day	
17	<b>Final Exam (May 6)</b>	

## COURSE REQUIREMENTS

### **Exams**

Exams will be based on text book, handouts, class exercises, homework, and class lectures. Students are responsible for all text material, regardless of whether we review the text material in class or not.

*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. Please fold your homework, put your name on it and place it on instructor's desk before class begins.

*Late Homework:* You are allowed to turn in only ONE late homework. The late homework will not be accepted if it is submitted after one week.

**GRADING**

Attendance and class participation	5
Homework and class assignments	15
Project	15
Exam #1	20
Exam #2	20
Final Exam	25
<b>Total</b>	<b>100</b>

**GRADE DISTRIBUTION**

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

**DISABILITIES ACCOMMODATION**

Any accommodations for differing abilities will be made for this course as per the policies and determination of the Office of Disability Accommodation: <http://disability.unt.edu/>

**ADDITIONAL POLICIES**

- Please turn off your cell phones prior to class.
- Using cell phones and personal computers are not allowed during exams.