

CONS 70 Course Outline as of Fall 1999**CATALOG INFORMATION**

Dept and Nbr: CONS 70

Title: PROJECT O & M

Full Title: Construction Project Organization and Management

Last Reviewed: 10/8/2018

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

Catalog Description:

Organization and management of a construction project, including: overview of construction industry; contracts; general conditions; use of construction documents; bidding; bonds and insurance; planning for construction; record-keeping; pre-construction project organization; scheduling; construction operations; measurement and payment; changes and extra work; claims and disputes; labor relations; and project closeout.

Prerequisites/Corequisites:**Recommended Preparation:****Limits on Enrollment:****Schedule of Classes Information:**

Description: Management of a construction project: contracts, communications, planning, organizing, scheduling and controlling a project. (Grade only). (Grade Only)

Prerequisites/Corequisites:

Recommended:

Limits on Enrollment:
Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:
IGETC:	Transfer Area	Effective:	Inactive:
CSU Transfer:	Transferable	Effective: Fall 1981	Inactive:
UC Transfer:		Effective:	Inactive:

CID:

Certificate/Major Applicable:
Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

The students will:

1. Describe the project process cycle
2. Write a simple contract
3. Interpret construction documents, including contract gen. conditions
4. Describe estimate contents and basis for bidding
5. Research, interpret and prepare simple construction project schedule
6. Document construction operations
7. Prepare common construction reports/forms
8. Define premise of liability in claims and disputes
9. Provide examples of common dispute resolution options
10. Describe the role of construction manager in the project process

Topics and Scope:

1. California construction industry.
2. Construction project cycle
3. General contracts.
4. Understanding a contract.
5. Construction contracts, including general conditions.
6. Using construction documents.
7. Specifications.
8. Estimating and Bidding procedure.
9. Different types of scheduling.
10. Project documentation and record keeping.
11. Project administration reports.
12. Safety.
13. Liability.
14. Claims and disputes.

15. Labor relations in construction.

Assignment:

1. Reading in text.
2. Research reflected in oral and written form.
3. Written response to reading assignments.
4. Preparation of a paper on a related topic.
5. Exercises related to topic areas.
6. Preparation of project schedules.
7. Preparation of typical project reports.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework, Term papers, CONSTRUCTION REPORTS & FORMS

Writing
25 - 50%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems, Quizzes, Exams, PROJECT SCHEDULES

Problem solving
20 - 35%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Class performances

Skill Demonstrations
10 - 20%

Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion

Exams
20 - 35%

Other: Includes any assessment tools that do not logically fit into the above categories.

CLASS PARTICIPATION

Other Category
0 - 10%

Representative Textbooks and Materials:

CONSTRUCTION PROJECT ADMINISTRATION by Edward R. Fisk. 1993
Project Management in Construction, by Sidney M. Levy. 1992