



CM – 126
Project Management

Course Syllabus
Fall 2008

Class Hours & Location

Lecture, Wednesday / 6:00 – 8:50 PM
Riverside Hall, Room 1010

Instructor: Mark Shope

Phone: 916-383-7000

Fax: 916-383-7001

E-Mail: mshope@ascentbuilders.com

Office Hours & Location

- After Class / Rm 1010
- Upon Request / T.B.D.

CM-126 Project Management Syllabus

COURSE DESCRIPTION

Study and learn the process and practice of Project Management of Construction Projects.

PREREQUISITES

Upper Division standing in the Construction Management curriculum: C- or better grade in the following classes: CM 125 – Advanced Estimating and CM 127 – Planning, Scheduling & Control.

ACADEMIC HONESTY AND GRADING SYSTEM

All students are subject to the policies described in the CSUS Catalogue.

The principles of Truth and Honesty are recognized as fundamental to the community of Scholars & Teachers. Giving aid to a Student during an exam or taking information from another Student or Student's exam constitutes academic dishonesty. Students caught cheating will receive a failing grade in the course and can be dismissed from the University. Student's are encouraged to work together to solve homework problems, but copying is clearly prohibited.

COURSE OBJECTIVES

Introduction to the study of Project Management as it is used on the larger construction project. Students study how construction Contractors manage cost, time, scope and quality. The theory of Project Management is developed and compared to management of the ongoing business enterprise.

SPECIFIC EDUCATIONAL OUTCOMES – CM 126

At the conclusion of this course, students should be able to:

- List the elements of a complete documentation system for a construction project and how they interrelate;
- Explain how both the schedule and estimate are used as controls on a construction project;
- Identify the issues involved in setting up, managing, and closing out a construction project and develop an effective strategy for resolving them;
- Identify the staff required for a given project, and develop a strategy for managing it effectively;
- List the key objectives in a partnering plan;

- Explain the buy-out process, and list the key issues in writing effective subcontract and material contracts and purchase orders;
- Identify and describe the various logs required on a construction project, list the characteristics of an effective log, and develop the formats for them;
- Draft succinct, effective letters to key participants in the construction process on a variety of topics, including contractual entitlement; change orders; claims; payment; work strike orders; contract delays, acceleration, and extensions; weather; employer-employee relations, and construction accidents, among other things;
- Develop an effective quality control program;
- Develop an effective risk management and safety program;
- Identify the sources of claims;
- List the steps involved in resolving claims;
- Identify the various dispute resolution methods and their proper application;
- Develop an effective project close-out plan.

TEXTBOOKS AND OTHER MATERIALS

Required:

- Management of Construction Projects, a Constructor's Perspective: By John Schaufelberger & Len Holm

References:

- Construction Graphics: A Practical Guide to Interpreting Working Drawings, by Keith A. Bisharat.

COURSE ORGANIZATION & EVALUATION

We will follow a Lecture and Discussion format with interactive problem solving and Team projects. A Team Presentation on a Construction Project is included to develop real world presentation skills.

In order to keep us sharp, we will have weekly deliverables, just like a Construction Project.

GRADING

Course Grades: **Quizzes & Tests = 50%** **Assignments = 40%**, **Presentation = 10%**
(Team Score)

- **Attendance is Critical**

+ End of CM 126 Syllabus +