

SYLLABUS
CE 460
Fall 2006
KAP 146
T 6:30-9:10

**Text: Construction Contracting, 7th edition, by Clough/Sears
(ISBN 0-471-44988-1) Wiley**

Professor Henry M. Koffman
KAP 222

Phone: 213-740-0556

Fax: 213-744-1426

Email: koffman@usc.edu

TA: Navid Nastar
email: nastar@usc.edu
Tel: (213) 740 6133
Office: KAP 238A

TA Hours: Tuesday, after class
Wednesday, 5:30-7:30

Blackboard: <http://totale.usc.edu>

8/22 Introduction/Industry/Project/Overview
Chapter 1: The Construction Industry
Chapter 2: Business Ownership
Chapter 3: Company Organization

8/29 **Autobiographies Due**
Guest Speaker:
Chapter 4: Drawings & Specifications
Chapter 5: Estimating & Bidding
Homework #1 Due:
1.1-1.4, 1.6-1.8, 1.11-1.15, 1.18
2.1, 2.3, 2.6, 2.8-2.11

9/5 Chapter 6: Construction Contracts
Ethics Group #1 Presentation
Quiz #1: Chapter 1-3
Homework #2 Due:
3.1 – 3.6
4.1 – 4.9

- 9/12 Guest Speaker: **Carl Hossli [Bonds and Insurance]**
Chapter 7: Construction Insurance
Chapter 8: Contracts Surety Bonds
Homework #3 Due:
5.1, 5.4 – 5.7, 5.9, 5.10, 5.12, 5.14, 5.17, 5.19, 5.25, 5.27
6.2, 6.8, - 6.16
- 9/19 **Quiz #2 Chapters 4-8**
Chapter 13: Labor Law Management
Chapter 14: Labor Relations
Ethics Group #2 Presentation
Homework #4 Due:
7.1 – 7.9
8.1 – 8.13
- 9/26 Chapter 9: Business Methods
Ethics Group #3 Presentation
- 10/3 **MIDTERM: Chapters 1-8**
- 10/10 Chapter 10: Project Management & Administration
Ethics Group #4 Presentation
Term Paper Topics Due
- 10/17 Guest Speaker:
Chapter 11: Project Time Management
Ethics Group #5 Presentation
Homework #5 Due:
9.1 – 1.6
10.1, 10.2, 10.4 – 10.9, 10.12 – 10.14
Quiz #3 Chapter 12 Take Home
- 10/24 Chapter 12: Project Cost Management
Ethics Group #6 Presentation
Term Paper Due
Homework #6 Due:
11.1 – 11.4, 11.7 – 11.10
12.1 – 12.7
Take Home Quiz #3 Due

- 10/31 Chapter 15: Safety
Ethics Group #7 Presentation
Quiz #4 Chapters 9, 10, 11, 13, 14 & 15
Homework #7 Due:
13.1 – 13.11
14.1 – 14.3, 14.6 – 14.9, 14.11
- 11/7 **Field Trip to Parkside**
Homework #8 Due:
15.2 – 15.4, 15.6, 15.7, 15.12 – 15.14
- 11/14 Paper/Oral Presentations
- 11/21 Paper/Oral Presentations
- 11/28 Class/Teacher/TA/ABET/Evaluations
Paper/Oral Presentations
- 12/7 **FINAL: Chapter 9-15 7-9pm**

POLICIES

Examinations:

All examinations will be closed book. Notes will not be allowed. Make-up examinations will be given under extraordinary circumstances only. Missed quizzes will count as zero if prior authorization is not granted. Honor system is observed.

Grading/Values:

Classroom Participation	5%	
Homework	5%	A- to A+ = > 90%
Midterm	30%	B- to B+ = > 80% or “Weighted Curve”
Final	30%	C- to C+ = > 70%
Paper and Oral Presentations	15%	D- to D+ = > 60%
Quizzes	15%	F < 59%

****Note: Quizzes cannot be made up without prior authorization from the Professor. Missed quizzes will count as zero.**

Course Content:

A. Objectives:

1. Fulfill degree requirement.
2. Become familiar with Construction Management/Methods.
3. Understand the principles of project management, cost/schedule/methods/terminology, contract administration.
4. Skill development for successful job performance, especially communications, both written and verbal.
5. Ethics comprehension.
6. Teamwork.

B. Instructions:

1. Includes reading assignments, lectures, example problems, homework, examinations, a term paper, an oral presentation and field trips.
2. Intention in lecture is to: focus on key ideas, work example problems, leave less important detail for reading and question asking.
3. Students will be expected to fully participate in classroom discussions and problem solving.
4. Industry speakers will present their views and opinions.
5. Tardiness will not be tolerated.
6. Absences are only excused with prior notification visa e-mail and/or telephone. Three (3) unexcused absences will result in a failure grade.
7. Cell phones, pagers, etc. must be turned off.

C. Reading Assignments

1. Reading Assignments are identified on the course agenda.
2. It is important to keep up with the reading since it will form the basis for classroom discussions.

D. Extra Credits:

1. Extra Papers
2. Professional organizational activities and membership in ASCE, AGC, CMAA, etc.
3. Field trips
4. Seminars, Symposiums Conferences, etc. (Symposium #13, ASCE PSWRC, Reno Competition, AGC 4th Annual Golf Tournament, ASCE National Convention.

E. Student Conduct

1. Students are Responsible for adhering to “Academic Responsibility.”