



ConE 423- Contracts and Specifications

Spring Semester 2013

COURSE DESCRIPTION

This class requires two 75-minute lectures per week. Students in this class will study the basic knowledge of construction contracts and specifications. In addition, some aspects of construction management directly relevant to legal systems will be included.

PROFESSOR

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CONTACT INFORMATION

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CLASS MEETINGS INFORMATION

Time: 11:00 – 12:15 AM Tuesday and Thursday

Location: Ag/IT 126

COURSE OBJECTIVES

1. Learn professional and ethical responsibilities.
2. Study different kinds of construction contracts and will understand why one kind of contracts should be used rather than another.
3. Understand potential possibilities of construction disputes and how to resolve them.
4. Learn how to review and make construction contracts and specifications.

REQUIRED COURSE MATERIALS

Textbook:

Collier, Keith. (2001). *Construction contracts* (3rd ed.). Upper Saddle River, New Jersey: Prentice-Hall, Inc. ISBN 0-13-755927-5.

Supplementary readings:

Texas Board of Professional Engineers. (2012). *Texas Engineering Practice Act and Rules Concerning the Practice of Engineering and Professional Engineering Licensure.*

http://engineers.texas.gov/downloads/law_rules_31011.pdf

ATTENDANCE POLICY

Every student is expected to attend every class. No effort will be made to track down missing students and/or assignments. Each student is responsible for turning in the assigned work by the due time.

COURSE GRADING

Homework: 10%

Discussion: 20%

Midterm exam: 30%

Final exam: 40%

GRADING SCALE

90-100%: A;

80-89%: B;

70-79%: C;

60-69%: D;

<60%: F.

COURSE SCHEDULE (following schedule is subject to change)

Week No. & Dates (mm/dd – mm/dd)	Weekly Contents	Reading Assignments
1 (1/14-1/18)	<ul style="list-style-type: none"> • Understand course objectives, attendance, grading policy and academic honesty/plagiarism. • The nature of contracts 	<ul style="list-style-type: none"> • Chapter 1.1
2 (1/21-1/25)	<ul style="list-style-type: none"> • MLK Holiday (Mon.) • Professional and ethical responsibilities 	See supplementary reading material
3 (1/28-2/1)	<ul style="list-style-type: none"> • Construction contracts 	<ul style="list-style-type: none"> • Chapter 1.2
4 (2/4-2/8)	<ul style="list-style-type: none"> • Stipulated-sum contracts 	<ul style="list-style-type: none"> • Chapter 1.3
5 (2/11-2/15)	<ul style="list-style-type: none"> • Cost-plus-fee contracts 	<ul style="list-style-type: none"> • Chapter 1.4
6 (2/18-2/22)	<ul style="list-style-type: none"> • Unit-price contracts 	<ul style="list-style-type: none"> • Chapter 1.5
7 (2/25-3/1)	<ul style="list-style-type: none"> • Contracts with quantities 	<ul style="list-style-type: none"> • Chapter 1.6
8 (3/4-3/8)	<ul style="list-style-type: none"> • Other conditions of contracts • Mid-term exam 	<ul style="list-style-type: none"> • Chapter 1.7
9 (3/11-3/15)	Spring break	
10 (3/18-3/22)	<ul style="list-style-type: none"> • Subcontracts and supply contracts • Arrangements of contracts for construction 	<ul style="list-style-type: none"> • Chapter 1.8 • Chapter 1.9
11 (3/25-3/29)	<ul style="list-style-type: none"> • Design-build contracts • Documents for contracts 	<ul style="list-style-type: none"> • Chapter 1.10 • Chapter 2.1
12 (4/1-4/5)	<ul style="list-style-type: none"> • Bidding for contracts • Negotiating construction contracts 	<ul style="list-style-type: none"> • Chapter 2.2 • Chapter 2.3
13 (4/8-4/12)	<ul style="list-style-type: none"> • An introduction to administration of contracts • Information for contract administration and construction 	<ul style="list-style-type: none"> • Chapter 3.1 • Chapter 3.2
14 (4/15-4/19)	<ul style="list-style-type: none"> • Administration of contracts • Claims and disputes 	<ul style="list-style-type: none"> • Chapter 3.3 • Chapter 3.4
15 (4/22-4/26)	<ul style="list-style-type: none"> • Changes in the work of contracts • Contract time 	<ul style="list-style-type: none"> • Chapter 3.5 • Chapter 3.6
16 (4/29-5/3)	<ul style="list-style-type: none"> • Completion of contracts and payments • The uncovering and correction of work in contracts 	<ul style="list-style-type: none"> • Chapter 3.7 • Chapter 3.8
17 (5/4-5/10) Finals week	Final exam will be held in the time scheduled by the university.	