

## CSM 4613 – SUSTAINABLE BUILDING PRACTICE– SPRING 2010

SECTION 901 - 6:00PM-8:15PM R (FS 3.520)

**INSTRUCTOR:** Yilmaz H.Karasulu, PhD  
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**OFFICE HRS:** 9:00 am – 12:00 pm MW or by appointment

**PREREQUISITE:** Enrollment as a major in Construction Science and Management or permission of the instructor.

**CATALOG COURSE DESCRIPTION:** (3-0) 3 hours credit. Ethics and application of environmental sustainability practice in building construction. Introduction to U.S. Green Building Council LEED program standards, methods, and procedures as applied to construction documents interpretation and construction.

**COURSE OBJECTIVES:** A student completing CSM 4613 will be able to:

1. Understand the fundamental concepts of green design and construction
2. Understand the fundamental concepts of green construction and contacting.
3. Be familiar with LEED project requirements.
4. Be familiar with management of LEED certified projects.
5. Be familiar with contractual relationships and documentation of green construction projects.

**COURSE POLICIES:**

1. No late homework or make-up exams (excuses for such are defined by the university rules and regulations).
2. Students are encouraged to attend their classes. If absence is necessary, instructors are to be notified before the fact, if possible.
3. Each and every student is entitled to as much consultation time as may be required. To preserve the privilege of obtaining individual assistance, each student is expected to attend class regularly.
4. In-class participation and questions are encouraged. They may positively influence grading decisions in borderline cases.
5. All cell phones must be off, not vibrate, but off while in class. All cell phones will be inside back packs or otherwise stored away from the student during all examinations.
6. All students are required to have a University network account to access the computers and WebCT.

**COURSE MATERIAL & RESOURCES:**

**Course Materials:**

- Glavinich, 2008."Contractors Guide to Green Building Construction: Management, Project Delivery, Documentation, and Risk Reduction." Associated General Contractors of America, Wiley Publications, ISBN: 978-04-70056219.
- All handouts and homework assignments will be delivered through WebCT

**STUDENT CODE OF CONDUCT:** Students are responsible for and encouraged to review the UTSA Student Code of Conduct. It can be found on the Judicial Affairs Web site ([www.utsa.edu/osja/](http://www.utsa.edu/osja/)), in the UTSA Information Bulletin and is also available in the Office of Student Judicial Affairs and the Admissions/Registrar areas at the Downtown Campus and the 1604 campus.

**SCHOLASTIC DISHONESTY:** UTSA Student Code of Conduct Section 203.B states: "Scholastic dishonesty" includes, but is not limited to, cheating, plagiarism, collusion, falsifying academic records, and any act designed to give unfair advantage to the student (such as, but not limited to, submission of essentially the same written assignment for two courses without the prior permission of the instructor, providing false or misleading information in an effort to receive a postponement or an extension on a test, quiz, or other assignment), or the attempt to commit such an act.

<b>GRADE POLICY</b>	:	Midterm Exams	30%	<b>GRADE SCALE</b>	:	<b>A</b>	≥ 90
		Final Exam	30%			<b>B</b>	80 – 89.9999
		Homeworks	30%			<b>C</b>	70 – 79.9999
		Quizzes	10%			<b>D</b>	60 – 69.9999
						<b>F</b>	≤ 59.9999

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**Course Outline and Assignments**

<b>NO</b>	<b>DATE</b>	<b>TOPIC</b>	<b>ASSIGNMENTS</b>	<b>ACCE</b>
1	Jan 14	Green Construction and the Contactor	Read Chpt 1	5.61
<i>Jan 16, 2010 – Deadline to late register/add a class.</i>				
<i>Jan 19, 2010 – Martin Luther King Holiday.</i>				
2	Jan 21	Elements of Green Construction	Read Chpt 2      HW1	5.62, 1.2
3	Jan 28	Understanding Green Project Requirements	Read Chpt 3	5.61, 5.63
4	Feb 4	Contracting for Green Construction	Read Chpt 4      HW2	5.61, 5.63
5	<i>February 11, 2010 – Midterm Exam I</i>			
6	Feb 18	Managing Green Design	Read Chpt 5	5.61, 5.63
7	Feb 25	Green Subcontracting	Read Chpt 6      HW3	5.61, 5.63
8	Mar 4	Green Procurement	Read Chpt 7	5.61, 5.63
<i>March 9-14, 2010 – Spring Break.</i>				
9	Mar 18	Construction a Green Project	Read Chpt 8      HW4	5.61, 5.63
<i>March 23, 2010 – Sophomore and Above Auto "W" Deadline.</i>				
10	Mar 25	Construction a Green Project		5.61, 5.63
11	Apr 1	Green Project Commissioning and Closeout	Read Chpt 9      HW5	5.61, 5.63
12	Apr 8	Green Project Commissioning and Closeout		5.61, 5.63
13	<i>April 15, 2010 – Midterm Exam II</i>			
14	Apr 22	Case Studies in Green Construction	Read Handout      HW6	5.61, 5.63
15	Apr 29	Case Studies in LEED Certified Building Projects	Read Handout	5.61, 5.63
<i>Final Exam - TBA</i>				

This Syllabus is provided for informational purposes regarding the anticipated course content and schedule. It is based on the most recent information available as of the date of its issuance. It is as accurate and complete as is possible at this time. The instructors reserve the right to make any changes deemed necessary and/or appropriate. An effort will be made to communicate any syllabus changes in a timely manner. Students are responsible for being aware of these changes.