

**Best Practices in Construction Industry**  
**CNST 6340**

**Course Description**

Current issues in the construction industry, including CII Best Practices developed at the Construction Industry Institute (CII) and critical issues facing the construction industry. Guest lecturers may include CII directors and visiting industry leaders.

**Course Prerequisites**

Graduate standing or consent of instructor.

**Textbook**

Will be provided by CII.

**Learning Objectives**

This course will discuss issues in construction, and introduce the CII Best Practices defined and developed by CII over the last 25 years. To address these subjects, the course covers a substantial amount of material. No textbooks will be used. Preparatory readings will be available via Blackboard. Students are expected to have read this material ahead of the class. Post-class readings and on-line quizzes will be arranged through CII's website.

By taking this class you will be able to:

1. Understand the critical issues in the construction industry;
2. Gain knowledge of CII Best Practices;
3. Apply the CII Best Practices to improve project performance.

**Schedule of Topics\***

#	Topic
1	Implementation of CII Research
2	Zero Accident Techniques
3	Front End Planning
4	Alignment
5	Constructability
6	Change Management
7	Materials Management
8	Lessons Learned
9	Project Controls (PHI)
10	Equitable Risk Allocation
11	Benchmarking & Metrics

**Academic Honesty**

The instructor reserves the right to adjust letter grades, upward only, based on individual attendance and class participation if numerical grade warrants such consideration. Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and dismissal from The University. Since dishonesty

harms the individual, all students, and the integrity of The University, policies on scholastic dishonesty will be strictly enforced.

### **Students with Disabilities**

University of Houston provides, upon request, appropriate academic adjustments for qualified students with disabilities. Any student with a documented disability (physical or cognitive) who requires academic accommodations should contact the Center for Students with Disabilities (713/743-5400) for more assistance.

### **Exam Policy**

Exams will include material covered in class discussions and homework assignments. Make-up exams will be given only in the event of a verified emergency or doctor-verified sickness. The student is responsible for all reading assignments and class handouts whether or not covered in class or listed on the syllabus.

### **Course/Instructor Evaluation**

A course/instructor evaluation will be conducted in class during the last scheduled lecture. Any suggestions you have on improving the course, however, are welcome throughout the term.

### **UH CAPS Statement**

Counseling and Psychological Services (CAPS) can help students who are having difficulties managing stress, adjusting to the demands of a professional program, or feeling sad and hopeless. You can reach CAPS (UH main campus [www.uh.edu/caps](http://www.uh.edu/caps), or UH Sugar Land campus <http://www.uh.edu/dsaes/uhsugarland/>) by calling 713-743-5454 during and after business hours for routine appointments or if you or someone you know is in crisis. No appointment is necessary for the “Let’s Talk” program, a drop-in consultation service at convenient locations and hours around campus.

UH main campus [http://www.uh.edu/caps/outreach/lets\\_talk.html](http://www.uh.edu/caps/outreach/lets_talk.html)

UH Sugar Land campus <http://www.uh.edu/dsaes/uhsugarland/>

For detailed information about Disabilities, Religious Holy Days, the Academic Calendar, and Academic Honesty, and other information, please visit the UH website:

[http://www.uh.edu/provost/stu/stu\\_syllabsuppl.html](http://www.uh.edu/provost/stu/stu_syllabsuppl.html)