

Construction Management
CNST 6305

Course Description

This course offers an overview of the common aspects of construction management. It provides a foundation for better understanding of basics necessary for obtaining project controls skills.

Course Prerequisites

Graduate standing or consent of instructor.

Textbook

Construction Project Management, Gould & Joyce – Prentice Hall- 3rd Edition

Learning Objectives

Upon the completion of the course students will demonstrate the ability to:

1. Understand common terminology
2. Understand the roles and responsibilities of the parties involved in construction projects
3. Communicate with various industry participants through the utilization of proper tools and techniques.

Instructor's Expectations

Students are expected to diligently complete the course by reviewing the textbook materials, submitting homework assignments, printing the class notes (workbook), studying the on-screen course modules, and completing the workbook. Students are expected to expand their knowledge beyond the textbook and the course notes by seeking additional resources through consultation with the UH library staff and through independent internet searches. Examples of top resources include publications and literatures from: the Construction Industry Institute (CII), American Association of Cost Engineers (AACE), Construction Specifications Institute (SCI), and the journals of the American Society of Civil Engineers (ASCE). Students are strongly encouraged to seek assistance from the UH library staff to conduct literature searches for materials supplementary to the course modules and textbook. Of course, the course instructor is always available for assistance and discussion of the course materials on as needed basis.

Schedule of Topics*

Week#	Topic
1-3	Module 1 – Overview of Construction Management Background
4-5	Module 2 - Construction Contracts
6-8	Module 3 - Cost Estimating
9-13	Module 4 - Planning and Scheduling
14	Review of all modules and other course materials
15	Final Exam

Homework Assignments

Late submissions will incur score penalties. Homework submission must be through Blackboard as an attachment to an email.

Quizzes

Quizzes are designed to assist you in understanding the course materials and to provide you with examples of the type of questions that will be on the final exam. A quiz is posted for each module. It is recommended that you take the quiz immediately after you complete each module. You are allowed only one chance to open each quiz. Do not attempt to open a quiz until you are ready to answer the questions and complete the quiz.

Final Exam

Students will be requested to take the final exam on UH campus. However, students residing outside of a reasonable distance from the city of Houston may request to take the final exam at a designated testing facility convenient to their geographical locations. Final Exam is scheduled during week 15. Exact time and location will be announced during the semester. Students must make early arrangements with their employers and others to make sure they do not miss the Final Exam. There will be no makeover exams.

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. 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.

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