Course Description
This course introduces students to manage the construction of reinforced concrete in industrial facilities. Including foundations, elevated slabs, columns, and beams.

Course Prerequisites
C or better in CNST 3355.

Textbook

Learning Objectives
Upon the completion of the course students will demonstrate the ability to:
1. Understand reinforced concrete terminology and the construction and design process.
2. Be aware of selection criteria and use of cementitious materials (including grout), reinforcing materials, and embeds.
3. Discern concrete formwork systems and understand their application.
4. Understand reinforced concrete installation planning and execution practices.
5. Recognize quality requirements and processes for concrete materials and operations.

In addition to the learning objectives above, this course is emphasizing Ethics, Safety, and Oral/Written Communication.

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. Each unexcused absence in excess of two during the semester will result in adjustment of the final grad downward by one letter grade. 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.

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.

The last day of class is the deadline for students to verify their grades and the accuracy of their score. After this deadline, there will be no consideration for any changes.

University Counseling and Psychological Services
Counseling and Psychological Services (CAPS) can help students who are having difficulties managing stress, adjusting to college, 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/](http://www.uh.edu/dsaes/uhsugarland/) by calling [713-743-5454](tel: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/](http://www.uh.edu/dsaes/uhsugarland/)

Classroom Behavior
High level of professionalism in the classroom is expected. The instructor has the right to set the rules in his/her classroom. A student does not have the right to make changes to the instructor’s way
of managing the classroom. Disruptive behaviors, such as excessive talking, arriving late to class, and using unauthorized electronic devices during class is not permitted. Repetitive and seriously disruptive behavior may result in removal from class in accordance with policies and procedures set by the Dean of Students Office.

**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

**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.

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

http://www.uh.edu/provost/policies/student/resources/.