

CE 435 - FOUNDATIONS

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Prerequisite: Geotechnical Engineering I, CE 317

Web site: <http://pas.ce.wsu.edu/CE435/index.htm>

Course Text: Course notes for each module will be provided as hard copies.
The following text is *recommended*, but not required.
Foundation Design: Principles and Practices, by Donald P. Coduto, Prentice Hall, Second Edition.

Supplementary Text: Holtz, R. D. and Kovacs, W. D. (1981). *An Introduction to Geotechnical Engineering*, Prentice Hall.

Course Objectives: Develop an understanding of mechanics and principles for the solution of practical geotechnical foundation design problems concerning: (i) soil exploration, (ii) retaining structures, (iii) slope stability, and (iv) shallow and deep foundations.

Home work Requirements:

1. Homework will be assigned on a regular basis (Usually one each week).
2. All homework and design problems must be handed in on green engineering paper. The pages should be numbered and stapled together.
3. Each problem should be clearly labeled and the solution presented in a logical manner. All solution steps should be included.
4. Each answer should be placed in a box.
5. Homework will be due one week after the day it is assigned. Homework will be considered late if it is not received in class on the due date. Late Homework will be accepted up to a week after the due date for 50% of the grade.

Test Policy: There will be two semester tests in class and a two-hour comprehensive final.

Exam I- Friday, February 27, 2009 (Seventh week)
Exam II - Friday, April 10, 2009 (Twelfth week)
Final - Friday, May 8, 2009 (3:10 – 5:10 PM)

Sorry, strictly no makeup exams.

Grading:

Homework	20%
Mid-term exam	25% each
Final Exam	30%

STUDENTS WITH DISABILITIES: Reasonable accommodations are available for students with a documented disability. If you have a disability and may need accommodations to fully participate in this class, please visit the Disability Resource Center (DRC). All accommodations **MUST** be approved through the DRC (Admin Annex Bldg, Room 205). Please stop by or call 509-335-3417 to make an appointment with a disability specialist.

ACADEMIC INTEGRITY: Cheating or plagiarism in any form will not be tolerated. Cheating includes, but is not limited to, copying work or allowing your work to be copied. Plagiarism includes resubmitting previously graded homework or lab reports from a previous semester, even if they were your own work. All incidences of cheating will be reported to the Office of Student Affairs. The first incidence of cheating will result in an F for the course. A second incident of cheating will result in possible dismissal from the University.