

**CE 435 – FOUNDATIONS**

Class hours: MWF 11:10 a.m. – 12:00 p.m.

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Office hours: MWF 2:00 – 3:00 p.m.

Prerequisite: Geotechnical Engineering I, CE 317

Web site: <http://pas.ce.wsu.edu/ce435/>

Course Text: N. Sivakugan and B. M. Das (2010). *Geotechnical Engineering: A practical problem solving approach*. J. Ross Publishing

Course Notes: Distributed in class.

Supplementary Text: Holtz, R.D., Kovacs, W.D., and Sheahan T.C. (2011). *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) shallow and deep foundations, (iii) retaining structures, and (iv) slope stability

Home work Requirements:

- Homework will be assigned on a regular basis (Usually one each week).
- All homework and design problems must be handed in on green engineering paper.
- In the submitted homework, pages should be numbered and stapled together.
- Each problem should be clearly labeled and the solution presented in a logical manner.
- All solution steps should be included.
- Each answer should be double underlined or placed in a box.
- 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 (7<sup>th</sup> week)                      Friday, February 22, 2013                      (11:10 a.m. – 12:00 p.m.)

Exam II (13<sup>th</sup> week)                      Friday, April 5, 2013                      (11:10 a.m. – 12:00 p.m.)

Final (comprehensive)                      Thursday, May 2, 2013                      (3:10 p.m. – 5:10 p.m.)

Sorry, strictly no makeup exams.

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**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 (Washington Building, Room 217). Please stop by or call 509-335-3417 to make an appointment with a disability specialist.

**ACADEMIC INTEGRITY:** The Office of Student Conduct has a policy defining academic dishonesty and the procedures to follow if dishonesty occurs. This information can be found at [www.studentconduct.wsu.edu](http://www.studentconduct.wsu.edu).

- 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 from a previous semester, even if it was your own work.
- If academic dishonesty has occurred on any homework, test or other assignment, the incident will be reported to the Office of Student Conduct and the student(s) involved will receive no credit (a score of zero) for that particular material.
- A second incident of cheating may result in dismissal from the university.

Further information on university policies for academic dishonesty can be found at <http://www.conduct.wsu.edu/>.

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