

CE 105 Civil Engineering Projects

Fall 2009

Wednesday at 3:10 - 4:00

1227 Hoover

Course Description: Introduction to civil engineering projects and practices.

Course Goals: To acquaint students with various careers in civil engineering; to enhance the professional practices of communication, teamwork, leadership, and ethics.

Tentative topics:

1. Civil engineering curriculum
 - a. Rationale behind the CCEE curriculum
 - b. Educational objectives and program of study
 - c. Undergraduate research and international study
 - d. Pathway to senior design

2. Careers in civil engineering
 - a. Overview of careers
 - b. Examples
 - i. Engineer in private practice
 - ii. Engineer in a city department
 - iii. County engineer
 - iv. Engineer in a state department

3. Professional practices
 - a. Teamwork and leadership
 - b. Technical communication
 - c. Ethics

Grading Policy:

The course grade will be based on class attendance (25%) and homework (75%). Homework is due by 5 pm on the due date and must be submitted via WebCT. If you miss a class you will be allowed to use a "leniency ticket." This ticket will allow you to attend a substitute special lecture, such as an ASCE, AGC, or TSA speaker meeting. Each student will be allowed to use two "leniency tickets" during the course of the semester, and a one page speaker write-up will be due within three weeks of the missed CE104 class.

Instructor: Tim Ellis, Associate Professor
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294-8922
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Office Hours: M: 9:30-11, R: 2-4 or by appointment

Course Website: <http://home.eng.iastate.edu/~tge/ce105>

Course Reference: CCE Communication Guide -
<http://www.ccee.iastate.edu/academics/commguide.pdf>

Disabilities. If you have a documented disability and anticipate needing accommodations in this course, please make arrangements to meet with me soon. Please request that a Disability Resources staff send a SAAR form verifying your disability and specifying the accommodation you will need.