CE 104 Civil Engineering Projects
Fall 2008
Wednesday at 3:10 - 4:00
280 Town Engineering Bldg

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: Chris Milner, Kimley-Horn & Assoc., Inc.
      ii. Engineer in a city department
      iii. County engineer: Dan Waid, Hamilton 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 two weeks of the missed CE104 class.

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

Course Website: http://home.eng.iastate.edu/~tge/ce104


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.