

**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>

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.