

**CE 403 Spring 2008**  
**Civil Engineering Outcomes Assessment**

**Course Objective:**

- Assess the civil engineering curriculum and educational objectives from the students' perspective.
- Assess the Fundamentals of Engineering exam preparation from the civil engineering courses

**Instructor:**

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<http://home.eng.iastate.edu/~tge/ce403/>

**Schedule:**

<b>Date</b>	<b>Activity</b>
March 10, 2008	Introductions, objectives, and expectations
March 24, 2008	Team assignments; team expectations
April 7, 2008	Teamwork – draft memorandums e-mailed to instructor
April 14, 2008	FE Assessment; Teamwork – comments back from the instructor
April 21, 2008	Final memorandum due; Course assessment

**Grading/Expectations:**

This is a required course. To pass this course, students must attend all class dates noted above (or obtain permission from the instructor prior to the class). All students must participate in their team activity (memorandum).

**Assignment:**

The main assignment for this class will be to provide a comprehensive analysis of the CE curriculum from the student perspective concerning one of the principle civil engineering objectives (see attached). This evaluation will be in the form of a memorandum to the CE Faculty and ISU CE Advisory Council.

**CE 403 Fall 2008  
Survey**

**Team Name:** \_\_\_\_\_

1. Team Members:

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2. The educational objectives I prefer to work on as a CE 403 assignment (list three with the first choice on top)

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EDUCATIONAL OBJECTIVE – The civil engineering program at ISU will prepare graduates who:	
Have knowledge of the principles of science, mathematics, and engineering needed to analyze civil engineering systems.	A
Have an understanding of social, political, and cultural issues.	B
Have effective communication skills.	C
Have multidisciplinary teamwork skills.	D
Understand basic business and project management principles including a basic understanding of cost estimating, planning, and scheduling of civil engineering projects.	E
Understand and apply high professional and ethical standards.	F
Are motivated to continue their intellectual growth and professional development.	G
Are encouraged to participate in cooperative education, internships, or progressive summer engineering employment.	H

## Permission Form

Course: \_\_\_\_\_ Semester: \_\_\_\_\_

Name (please print): \_\_\_\_\_

\_\_\_\_\_ I grant permission for the instructor to use my homework in this course for inclusion in the Civil, Construction and Environmental Engineering Department Annual Report.

\_\_\_\_\_ I do not grant such permission.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_