

## **DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING**

### **MS GRADUATE PROGRAM OUTCOMES AND ASSESSMENT**

#### **CEE Master of Science Program Outcomes**

The CEE faculty strives to provide graduate educational opportunities to prepare students to:

1. Conduct basic and applied research
2. Engage in advanced engineering design and professional practice
3. Continue their education in a doctoral program
4. Be engaged in life-long learning

#### **Assessment Methods**

Outcome 1. Conduct basic and applied research

- a. Database tracking of student involvement in research activities
- b. Employer feedback

Outcome 2. Engage in advanced engineering design and professional practice

- a. Database tracking of alumni employment and advancement
- b. Alumni surveys
- c. Employer feedback

Outcome 3. Continue their education in a doctoral program

- a. Database tracking of alumni employment and advancement

Outcome 4. Be engaged in life-long learning

- a. Alumni surveys

#### **Assessment Results and Implementation**

1. A centralized database will be developed to track our MS graduates. The database will be used to monitor placement, publication records, and academic progress.
2. An exit survey for graduating MS students will be developed and administered beginning in the Fall 2005 semester.
3. Procedures to gather assessment data and to implement data into program improvement will be developed by the CEE faculty during the 2005-2006 academic year.