

**Assessment Based Improvement Report**  
**Department(Unit): Civil Engineering**  
**College (Division): Dean - College of Engineering**

<b>Assessment Result from UEP that Indicated Need for Improvement</b>	<b>Improvements Implemented</b>	<b>Semester</b>
<ol style="list-style-type: none"> <li>1. Drop in student pass rates in the state-wide Fundamentals of Engineering (FE) Exam.</li> <li>2. Need to incorporate additional CAD training in the curriculum.</li> <li>3. Need for an on-line advising screen to improve quality of advising</li> <li>4. Need to improve graduate advising</li> <li>5. Need to increase in level of research funding</li> </ol>	<ol style="list-style-type: none"> <li>1. A weekly review session was implemented to help students pass the FE exam. Faculty volunteers review each discipline-specific section covered in the exam. Starting eight weeks prior to the exam, review classes are held every Friday afternoon.</li> <li>2. A freshman-level CAD course (CE 1350) has been added to the curriculum to better train students in the use of CAD. Also CAD assignments have been included in a number of junior- and senior-level design courses to allow students to practice knowledge earned in CE 1350.</li> <li>3. An on-line advising system has been developed to allow advisors to track their advisee's academic progress related to courses completed and courses lacking in the civil engineering curriculum. This has allowed advisors to provide more accurate advice to students and better monitor their progress.</li> <li>4. The department's graduate advisor holds a graduate orientation session at the beginning of each semester. The session is mandatory for new graduate students and continuing students are encouraged to attend. Information related to graduate school requirements and making timely progress towards meeting those requirements are covered. Information about obtaining and maintaining graduate assistantships are also covered.</li> <li>5. Hiring of new faculty to replace retired and departing faculty has helped increase the level of research funding and graduate research assistantship for graduate students. The department has been allowed to fill all vacated faculty slots.</li> </ol>	Fall-2003