Closing the loop in Graduate Programs

Presented to the Higher Learning Commission

December 5, 2006

Master of Science in Engineering

The biggest change we have made assessment wise in the Master of Science in Engineering curriculum is the new Engineering Communication course. Due to responses from our students that the old course was not meeting their needs or the Student Learning Outcomes we started from scratch with a retired engineer to develop and deliver a new Engineering Communication course. The new course will begin this January.

Other changes due to assessment include:

* Addition of ENGRG 7030 Simulation -- to give additional Choices in the Computer application area.
* No proctored exams.
* Addition of BSAD 7110 to the Core Course selection under the Management Requirement. This allows for flexibility in course selection base on career choices.
* The new online Advising site -- this is for all programs and allows the student to view the same progress reports that we use in advising.
* Review of ENGRG 7840 course content and exams.
* Addition of the Controls Module -- a request from industry.
* Addition of the Geotechnical/STructural Module - to respond to a need from Industry due to new Federal Regulation.
* Increased activity of the Master of Science in Eng. Steering Committee.
* Regular review of the Mstr of Sci in Eng. Program by the College of EMS Avisory Board.
* Added a 15 hr LTE to the program to assist with growth. Now moving that to a 1/2 time Academic staff position.