B.S. Program in Chemical & Materials Engineering

The Department of Chemical and Materials Engineering (CME) agrees with the External Reviewer’s recommendations (March 13, 2007). The COE PPR Committee Report is based on the CME Program Self-Study (November 17, 2006), the External Reviewer’s Report (based on an external reviewer’s campus visit on February 22-23, 2007).

The CME department houses the Chemical Engineering and Materials Engineering programs. Both programs are of high quality, practice-oriented and prepare students well for both industry and academia. The CME faculty is dedicated and hardworking and consisting of high caliber teachers and researchers that are doing a remarkable job in teaching, research and service. Strong faculty connections with industry helps to keep the curriculum pertinent, provides relevant research problems, and also provides a source of high quality part time faculty. The department programs are meeting program educational objectives at the undergraduate level. The curriculum revisions are designed to ensure that students are adequately prepared to continue in the program.

The COE Program Planning Review (PPR) Committee has made the following recommendations:

(i) Collaborate with the College of Engineering’s Bioengineering program to develop curriculum related to biochemical processing
(ii) Develop a laboratory safety training workshop to prepare students to work independently on research and design projects outside of the instructional laboratory times. This training might be developed in partnership with the Environmental Health and Safety program on campus
(iii) Develop a system to improve interactions with alumni.
(iv) Recruit a full-time faculty member

M.S. Program in Chemical & Materials Engineering

The CME department houses the Chemical Engineering and Materials Engineering programs. Both programs are of high quality, practice-oriented and prepare students well for both industry and academia. The CME faculty is dedicated, hardworking and consisting of high caliber teachers and researchers that are doing a remarkable job in teaching, research and service. Strong faculty connections with industry helps to keep the curriculum pertinent, provides relevant research problems, and also provides a source of high quality part time faculty. The department programs are meeting program educational objectives at the graduate level. The program assessment tools are in place to determine
whether graduate students are achieving the program objectives at both the project/thesis proposal stage and the final defense stage.

The COE Program Planning Review (PPR) Committee has made the following recommendations:

(i) Collaborate with the College of Engineering’s Bioengineering program to develop curriculum related to biochemical processing
(ii) Develop a laboratory safety training workshop to prepare students to work independently on research and design projects outside of the instructional laboratory times. This training might be developed in partnership with the Environmental Health and Safety program on campus
(iii) Develop a system to improve interactions with alumni
(iv) Recruit a full-time faculty member

**College of Engineering PPR Committee:**
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