College of Engineering
Program Planning Review Committee
AY 2006-07

Electrical Engineering Program

BSEE Program

The EE Department agrees with the External Reviewer’s recommendations and has chosen not to respond. No major issues were found during the review. The BSEE Program is of high quality and serves primarily the local industry. It has a comprehensive assessment plan with a three-year cycle, driven by ABET requirements. The assessment cycle consists of assessment, evaluation, and enhancement phases. Students are very pleased with course content, advising, accessibility of faculty, and hands-on curriculum. The EE faculty are highly qualified, many have authored popular textbooks, several are actively involved in research, and most have good ties to industry. The Department has a process in place for maintaining and upgrading the laboratories, some of which are unique within the CSU. As a result, the labs are in excellent shape.

The COE Program Planning Committee recommends that the EE Department (a) makes a timeline on how they will implement the reviewer’s recommendations, (b) meet with their Advisory Board at least once a year to review the currency of the curriculum, (c) re-writes the Program Educational Objectives to reflect ABET expectations, (d) collects direct assessment data to document the achievement of Program Outcomes, (e) hires an additional technician to ensure that all 19 labs are adequately maintained.

MSEE Program

The EE Department agrees with the External Reviewer’s recommendations and has chosen not to respond. The MSEE Program is of high quality and serves primarily the local industry. A comprehensive assessment plan with a 3-year cycle, which consists of assessment, evaluation, and enhancement phases, will be implemented for the first time in Spring 2007 (2003 External Reviewer’s recommendation). Overall, students are pleased with course content, advising, and the curriculum.

The EE faculty are highly qualified, many have authored popular textbooks, several are actively involved in research, and most have good ties to industry. The Department has a process in place for maintaining and upgrading the laboratories, some of which are unique within the CSU. As a result, the labs are in excellent shape.
The COE Program Planning Committee recommends that the EE Department (a) makes a timeline on how they will implement the reviewer’s recommendations, (b) meet with their Advisory Board once every semester to review the currency of the curriculum, (c) collects direct assessment data to document the achievement of Program Outcomes, (d) includes hands-on projects in the curriculum (e) hires an additional technician to ensure that all 19 labs are adequately maintained.

**College of Engineering PPR Committee:**
Ahmed Hambaba, Chair
Minnie Patel, CoE PPR Facilitator and ISE Facilitator
Gregory Young, CME Facilitator
Kurt McMullin, CEE Facilitator
Thuy Le, EE Facilitator
Raymond Yee, MAE Facilitator
Nikos Mourtos, AE Facilitator
Weider Yu, CmpE Facilitator
Mike Jennings, MSE Facilitator