Electrical Engineering Faculty Meeting

Tuesday, August 24, 2004, 2:00 p.m., C2002

The Electrical Engineering Faculty Meeting was attended by Dr. Myler, Dr. Bean, Dr. Maxum, Dr. Reddy, Dr. Sayil and Dr. Wang. Minutes were taken by Jane Stanley.

Be sure and not mark on the new boards in 1606. It is a totally touch system. The board in 2631 is getting scratched.

A professor must sign for each student to get a code to the coded room. You must give the requests in writing to Mike in sufficient time for him to complete.

ABET

Next year the department will start course portfolios, but we need to think about it now.

EAC-check website www.abet.org; due November of 2006. Main difference in ABET will be to see if we have responded to alumni feedback. ABET does recognize that the electrical engineering faculty are the best informed on what is needed for a good program. We must track faculty discussions of ABET curriculum. The main way alumni can help is to inform us of the things most needed in the workplace. This could be helped by implementing Value Added Engineering which could be done through Continuing Education. These would be short courses taught in: mini session, few day courses, or a week-end.

Identify key training sessions needed.

1. National Electricians Code-mainly implemented by electricians but written by electrical engineers.
2. Lab View
3. PID Control or Tuning

Students would receive a Certificate. This could give students an edge on job hunting when added to their resume.

Curriculum

The curriculum needs two programming courses. Students need to be proficient in C & C++ when the graduate. They take this often as freshmen and do not keep up with their programming skills.
Still have Statistics problem. University curriculum committee didn’t allow dropping Philosophy of Knowledge.

Minor in Math: Statistics versus Dynamics.

On June 10th the engineering departments will present their ABET strategy to the dean.

ABET now wants to see change if change is needed. The main body that decides curriculum is the faculty, but they must be able to assess changes.

The meeting was adjourned at 3:30 p.m.