Minutes: CpE Curriculum Committee Meeting  
May 2, 2014 10:30 – 11:20 am

In attendance: Manuel Bermudez, Renato Figueiredo, Rob Fox, Herman Lam, Prabhat Mishra, Paul Rocha, and Beverly Sanders

Agenda:
1. Issue with math minor (from Math department)
   The Math department has started to enforce a rule that in order for students to receive the minor from the Math department, a student must have 6 hours of 4000 level Math separate from their degree requirements. (For details, please see attached email.) The Math department has granted an exception to the Computer Science program. We (Computer Engineering) have requested the same. The preliminary response has been positive.
   Action item: Paul Rocha will follow up to confirm that an exception will be granted to the Computer Engineering (CpE) program also.
   Update: The Math Department has approved our request.

2. Linear algebra course – a request from Santa Fe College
   A request was received from Kathleen Arnold, Chair of the Santa Fe Mathematics department, to accept MAS2103 (Intro to Linear Algebra to be offered at Sante Fe) as an equivalent course for MAS3114 (linear algebra course required in the CpE program). A series of email exchanges resulted in suggested changes in the contents of MAS2103, including a adding a strong computational component using MATLAB. (See details in attached email). The matter was discussed in this meeting and the consensus of the curriculum committee was to accept MAS2013 as it is currently specified.

3. CpE 4/1, BS/MS degree
   In the old CEN and CEE tracks of CpE, a CEN student can pursue the BS/MS degree from the CISE department and a CEE student can do the same in the ECE department. The curriculum committee decided that in the joint CpE curriculum, a CpE student can pursue a BS/MS degree in Computer Engineering in a similar manner; i.e., a student can choose to pursue the BS/MS in either department.
   Action item: We will make the decision official by sending it through the COE curriculum committee in the Fall semester.

4. Update on the knowledge areas from a IEEE/ACM CE2016 Task Force
   Herman Lam attended in Dallas (4/11 – 4/13, 2014) as a member of the IEEE/ACM CE2016 Task Force. The objective of the Task Force is to update the 2004 IEEE/ACM Computer Engineering Curriculum Guideline. One major task is to update the Body of Knowledge (BoK), which defines a set of knowledge areas for Computer Engineering. A draft of the updated knowledge areas was developed at the Dallas. This draft was used by our CpE curriculum committee to update the definition of our own knowledge areas of concentration.
   Action item: Based on our discussion in our meeting, an updated draft of our knowledge areas of concentration will be sent to the curriculum committee, then to the general CpE faculty for review and feedback. The goal is to have agreed-upon version in time for the launching of the new CpE website before Summer Semester B 2014.