Minutes: Computer Engineering (CpE) Curriculum Meeting
July 2, 2013, (2:30 pm- 4:00 pm), Larsen Hall 234

In attendance: Manuel E. Bermudez, Rob Fox, Ann Gordon-Ross, Herman Lam (chair), Janise McNair, Paul Rocha, Beverly Sanders

Absence: Douglas Dankel (but met with Herman Lam in a separate meeting)

Agenda for meeting:
1. Updates to the UF catalog for the new CpE program
   o 2014-15 draft catalog description of CpE program
     https://catalog.ufl.edu/ugrad/future/engineering/Majors/computer-engineering.aspx
   o From CpE Transition Issues.docx from Paul Rocha
     1) C or C+ required for critical tracking (CT) courses.
        Decision: a grade of C will be required for the CT courses. Based on Paul Rocha’s experience in advising the students, as long as we enforce the C requirement, the students will be fine.
     2) Internship/co-op credit – existing CEN major allows three, 1-hour credits of internship/co-op to count as tech elective credits while CEE only allows 1 hour of internship/co-op to count as tech elective credit.
        Decision: Out of the 18 credits of tech electives, the students will be allowed to have credit up to three co-op/internships, each earning a one-hour credit.
     3) Minimum grade required for major courses. For CEE majors a grade of C or better is required for any major course that is a pre-req for another major course. For CEN majors a grade of C or better is only required for COP3503 & EEL3701c.
        Decision: After much discussion, this issue was tabled.
        Action item: Beverly Sanders will consult the CISE Curriculum Committee and other CISE faculty members to determine the historical reason for the existing CEN policy on the C grade.
     4) Tech electives. Existing CEN majors are allowed to take 6 credits of CAP3000 level courses. CEN majors are allowed to count up to 6 credits of non-CISE courses (4000L Math, EIN 4354, Engr. Entrepreneur Certificate courses, 3000L ECE courses, 3000L Physics, 4000L Stats). CEE students could count any 3000-4000L COE (non-ECE) course as a tech elective.
        Decision: There are 18 hours of tech electives.
           • At least 12 hours must be courses >=3000 level in the departments of CISE or ECE
           • List of exceptions: EEL 3003, any programming courses in C++ or Java, etc. ... exception list to be completed as an action item.
           • Up to 6 hours of the following courses
             • >= 4000-level courses in the Math department
             • >= 3000-level courses in the Physics department
             • >= 4000-level statistics courses
             • >= 3000-level courses in any department in the College of Engineering
             • Any advisor-approved course
     5) How many additional credits of programming language courses allowed? In the existing CEN curriculum COP3502 counted as a tech elective and if students took COP 3504 then they were allowed to count a programming course such as C or C++ as a tech elective.
        Decision: In the new curriculum, the students will have credit for two programming courses (Java and C++). One additional programming language course (not Java or C++) can count as a tech elective.
2. Development of regulations and guidelines for CpE certificates
   o UF Catalog – list of all UF certificate programs: 
     https://catalog.ufl.edu/ugrad/current/Pages/certificates.aspx
   o UF Catalog – COE certificate programs:
     https://catalog.ufl.edu/ugrad/current/engineering/certificates/home.aspx

Due to time limitation, this item was not discussed.

Action item: Herman Lam will interact with the committee via email. The goal is to have regulations and guidelines in place at the beginning of the Fall 2013 semester.

3. Development of a new CpE Website

   Action item: Herman Lam will begin action on the development of a CpE website, with inputs from the committee. The goal is to have the website online in the Fall 2013 semester.

4. Brainstorming for a common CpE space and other improvements to the CpE program

   This agenda item was discussed at length. The details of the discussion are summarized in the attached document: CommonCpEspaceUpdated2013-07-03.docx. Note that the black text is the original summary after our CpE Curriculum Committee meeting on July 2, 2013 and the red text is added after the COE meeting on July 3. The take-away point from the COE meeting is that a common CpE space continues to have support at the COE, CISE, and ECE level and we agreed to look for a space with ~10,000 square ft, with NSC (Nuclear) being a possibility.