Computer Engineering Curriculum Committee Meeting
March 14, 2013, (11:45 am- 1:30 pm), CSE 305

In attendance: Dr. M. Bermudez, Dr. D. Dankel, Dr. R. Fox, Dr. A. Gordon-Ross, Dr. H. Lam (chair), Dr. J. McNair, Dr. B. Sanders

1. **UF catalog issue.** Due to a change in EEL 3135 from a 3-credit course to a 4-credit course, the Computer Engineering curriculum now has 127 hours. It is necessary to reduce it back to 126.

   Discussion: The simplest solution is to reduce the technical elective hours from 18 to 17. However, since most courses are 3 credits, 17 is an inconvenient number for the students. After further discussion, the committee realizes that other solutions can result in more complicated ramifications.

   Conclusion: For a short-term solution (2013-2014 UF catalog is going to print soon), we will reduce the elective hours from 18 to 17. The committee will consider the issue again to find a more suitable permanent solution.

   The proposal was approved unanimously.

2. **Transcript issue.** Before the recent ABET visit in October 2012, the heading for the Computer Engineering transcripts was changed to simply Computer Engineering for ABET reasons, eliminating the departmental designation of CISE or ECE. After the ABET visit, it was agreed to restore the departmental designation to the transcripts, as a specialization designation. However, this proposal encountered complications as it reached the UF Office of Undergraduate Affairs (Dr. Bernard Mair).

   Discussion: It was pointed out that this issue will become moot if the CpE faculty approves the new proposed CpE curriculum. However, if the proposed curriculum does not pass, the following actions are acceptable:
   - Return the departmental designation
   - Have the transcripts of the CISE CpE students designated with a specialty of “software” and the transcripts of the ECE CpE students with no specialty designation (i.e., transcripts simply labeled Computer Engineering)

   This issue is tabled until the next CpE Curriculum Committee meeting.

3. **Faculty vote on proposed Computer Engineering curriculum.** In preparation for the vote (suggested by Dr. Lam to be in Early April), the committee reviewed the curriculum that was developed and approved by the committee last year. The objective of the review is to look for improvements in the light of the overall review of the 4 programs within the CISE department by the CISE Curriculum Committee (led by Dr. Sanders). Two items were discussed.

   - **Addition of a network course in the CpE core.** This proposal was agreed upon in principle by the committee. Options under consideration (in order of preference):
     1) Use CNT 4007 (Computer Network) as a college breadth course (thus nothing else needs to be changed)
     2) Add CNT 4007, replace Linear Algebra (one of the current required core courses)
     3) Add CNT 4007, replace Signals & Systems (one of the current required core courses)
     4) Students to choose 2 of the 3 courses (Computer Network, Linear Algebra and Signals & Systems)
     5) Add CNT 4007, reduced the elective hours from 18 to 15 (This option has been rejected since the curriculum will lose flexibility, a cornerstone of the proposed curriculum)
Action item: As mentioned, the top choice is (1) use CNT 4007 as a college breadth course. Dr. Fox will check with Dr. Mark Law to determine if choice (1) is possible.

- Review the CpE curriculum in the context of the other degrees in CISE.
  1) A description of the four programs in the CISE department (developed by Dr. Sanders and the CISE Curriculum Committee) was reviewed and suggestions were made. See attachment 1.
  2) Based on the description, a “CISE programs at-a-glance” concept diagram, illustrating the commonality and the distinctions between the four programs, is being developed. See attachment 2 for a draft.