Computer Engineering Curriculum Committee meeting
October 9, 2014 (Thursday), 11:45 am – 12:45 pm, CSE Room 440

In attendance: Renato Figueiredo, Rob Fox, Allison Gatsche, Herman Lam, Prabhat Mishra, Richard (Nemo) Newman, and Beverly Sanders (Tuba Kahveci on travel)

Agenda:
1. Welcome: Tuba Kahveci (ECE), Richard (Nemo) Newman (CISE), and Allison Gatsche (new CpE advisor)
2. Online CpE degree discussion:
   • Email from Jennifer Smith, Associate Director of Development and Course Production, UF Online (Attachment 1a)
   • Three attachments from Jennifer Smith's email (1b, 1c, and 1d)
   Discussion:
   • All general-education courses (math, science, humanities, etc.): should not be a problem since they will be a part of other UF-Online programs.
   • Core Computer Engineering (CpE) courses from the CISE department: also should not be a problem since they will be a part of the CISE online degree.
   • MAS 3114 (Computational Linear Algebra): need to confirm that the Math department will make it available online.
   • Core CpE courses from ECE department:
     • EEL 3701 – already committed to put online
     • Others (EEL 3111, EEL 3135, EEL 4712, and EEL 4744): Need to consult with ECE chair (Dr. Harris) to determine their online feasibility and availability (in consultation with the instructors of these courses).
   Concerns:
   • Feasibility of the core CpE courses from the ECE department which have a substantial hardware laboratory component. Again, the action item is to consult with the ECE chair to determine their online feasibility and availability, in consultation with the instructors of these courses.
   • Are there enough realistic resources to support and sustain the online courses? For example, will there be on-going financial support for (probably addition) TAs, faculty, laboratory facilities, etc.
   • For courses which currently have substantial collaboration (e.g., software engineering, capstone design), what will be the collaboration model for these online courses.
   • ABET concerns resulting from all the concerns above.

3. Knowledge areas for Computer Engineering curriculum
   • Early DRAFT of curriculum and knowledge area (KA) flowcharts, used for advising (See attachment 2a)
     The committee reviewed the draft CpE curriculum and KA flowcharts and agreed that they are proceeding in the right direction.
Action item: Curriculum members will make updates to the draft in their respective knowledge areas of expertise. The result is an updated version of the flowcharts. The updated version will then be distributed to the general CpE faculty for review and feedback.

- Background materials (FYI only)
  - Knowledge areas as described in 5/2/2014 meeting minutes (Attachment 2b)
  - Latest (version 1.0) ACM-IEEE Computer Engineering BOK (“Body of Knowledge”) (Attachment 2c)
  - Our definition of CpE knowledge area based our discussion in our last meeting (5/2/2014) (Attachment 2d)