Computer Engineering Curriculum Committee meeting  
February 24, 2015, 3 – 4 pm, CSE Room 305

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

Agenda

• Online CPE degree and online CSC degree: [http://ufonline.ufl.edu/](http://ufonline.ufl.edu/)
  
  This was a discussion item, exchanging views and what everyone understands as the state of UF online in general and the online Computer Science (CSC) degree in particular. No actions were taken.

• Java course at Santa Fe as a first programming course for CPE to benefit students in the Gator Engineering @ Santa Fe program: [GE@SF course plans](http://ufonline.ufl.edu/)
  
  The EE major requires one programming course (Comp. Prog. Elective). The EE curriculum committee has approved to accept the Santa Fe C++ course to count towards that requirement, which is great for the Gator Engineering @ Santa Fe students. They don’t have to wait until they get to UF to take the programming course and thus be able to hit the ground running once they do get to UF.

  We want to do the same for the CPE major. However, the CPE curriculum requires a two-course sequence for programming (just like CISE): Programming Fundamentals 1 (Java) and Programming Fundamentals 2 (C++). The CPE curriculum committee voted to accept a Java course taught at Santa Fe to count towards the Programming Fundamentals 1 requirement (which again helps the students to accelerate their progress once they get to UF).

  The problem is that Santa Fe does not currently offer a Java course. We do not want to use their C++ course for Programming Fundamental 1 because our Programming Fundamentals 2 course is taught in C++ in a more advanced manner.

  Action item: Herman Lam will contact Associate Dean Angela Lindner to explore if Santa Fe is willing to offer a Java course to benefit the Gator Engineering @ Santa Fe CPE majors?

• Options for breadth courses:
  
  • Allowing students to have more options than what’s currently listed (multiple students have wanted EML 2023 to count in this category).

    The stated objective of EML 2023 (Computer Aided Graphics and Design) is “The primary objective of the course is to educate students on the main concepts of computer aided design: solid modeling, assembly design, engineering drawing conventions, dimensioning and tolerance specification (to include Geometric Dimensioning and Tolerancing), and descriptive geometry ([http://cimar.mae.ufl.edu/eml2023/pages/syllabus.html](http://cimar.mae.ufl.edu/eml2023/pages/syllabus.html)).

    After some discussion the committee unanimously voted to allow EML 2023 to be accepted as breadth requirement, but via petition.

• Ethics course requirement
  
  • In the past, CPE students have taken EEL 2000 to satisfy the ethics requirement, which may not be an option anymore because of enrollment limits. Currently, EGS4034 is the only other option for CPE students, which has a prerequisite of junior-level standing. So it forces students to wait
to take the course. It’s also only 1 credit hour. Another older option, CGS3065, will no longer be taught by CISE.

No action was taken. However, since this meeting we were informed by the ECE department that CPE students can still take EEL 2000, as long as there are space in the class.

- CPE space in the new COE Nexus building: [Nexus building information (Computer Engineering)]
  - This is an information item. Herman Lam described the current architectural plans for the Nexus building in general and the allocated CPE space in particular. No action was taken. However, the CPE operation and administration of design labs (CPE Design 1 and CPE Design 2) to be housed in the building will be an agenda item in the next meeting.

- SACS (Southern Association of Colleges and Schools) accreditation
  - UF (and COE) is getting more serious about SACS accreditation. I like for the Curriculum Committee to be more knowledgeable of the SACS requirements and process.
  - Alper Ungor is the CPE representative for SACS and was invited to this meeting to brief the committee on the current status and the expectations going forward for SACS for the CPE program. However, he had a conflict and this item was tabled until a later meeting.