

## ECE Curriculum Committee Meeting Minutes for Nov. 28, 2012

**Members AY 2011-12:** Stephen Levinson (chair), Juliy Baryshnikov, Tanguil Basar, Andreas Cangelaris (ex-officio), Ann Catrina Coleman, Brian Cunningham, John Dallesasse, Alejandro Dominguez-Garcia, Yih-Chun Hu, Seth Hutchinson, Erhan Kudeki (ex-officio), Gang Liu, Steven Lumetta, Jonathan Makela, Sayan Mitra, Michael Oelze, Gabriel Popescu, Maxim Raginsky, Paris Smaragdis, Rayadurgam Srikant, Nitin Vaidya, Daniel Wasserman

### **Attendees:**

Levinson, Kudeki, Makela, Basar, Hutchinson, Dallesasse, Srikant, Coleman, Cunningham, Dominguez-Garcia, Hu, Wasserman, Raginsky, Popescu

The meeting was called to order at 2:10 PM.

Minutes of Nov. 14, 2012 were approved with revisions.

In preparation for the upcoming special faculty meeting to discuss the proposed revision to the CompE curriculum, the chair asked for suggestions on how to present the subject. The following were offered:

- ⤴ Arrange pre-meetings with interested groups, especially those doing physical electronics and Electromagnetics/Optics.
- ⤴ Explain the motivation for this proposal.
- ⤴ Highlight the differences between CS and CompE.
- ⤴ Note the necessity to consider both faculty judgments and students preferences.
- ⤴ Outline the results of the Alumni Survey on this and related subjects.

Undergraduate mentoring is a responsibility that ECE takes very seriously. This year it has become more time consuming as faculty typically had thirty advising appointments each. The question was raised by Andreas whether there is some way to make the process more efficient and effective. The specific proposal was to do group advising at a lunchtime meeting. It was agreed that such a method could be made to work but several critical issues would have to be addressed, namely:

- ⤴ Group meetings can't be used to address the diverse needs of individuals
- ⤴ There are privacy issues that make the discussion of some topics impossible in a group. Perhaps some faculty training would be required to address these issues.
- ⤴ The scheduling of group meetings would have to be implemented in the existing on-line advising calendar. Possibly only one out of two annual meetings should be in small groups of 5 or six students.
- ⤴ Group advising might make necessary post registration reviews of individual students progress.
- ⤴ We already have "power lunches" for student/faculty socialization. These activities may be orthogonal to the purposes of our advising methods which seem to be quite effective as they are.

The chair will send out by e-mail to all committee members the complete Alumni Survey and the CompE revised curriculum proposal.

The meeting was adjourned at 2:55 PM.

These minutes drafted by S. E. Levinson, Nov. 28, 2012.