

ECE Curriculum Committee Meeting Minutes for Oct. 17, 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, Lumetta, Hutchinson, Dallesasse, Wasserman, Raginsky, Mitra, Coleman, Hu, Wasserman

The meeting was called to order at 2:05 PM.

Minutes of Oct. 10, 2012 were approved with revisions.

The chair will ask Deming Chen for his comments about prerequisites for ECE412.

Andreas will ask for the Alumni Board's comments on the draft of the PEOs for the ABET report.

The committee discussed the current status of the CompE curriculum proposal. The main concern is the placement of ECE329 and ECE340 in the (required) Core or the (semi-required) Advanced Core. There are several issues:

- ⤴ Many new students are inquiring about switching from CompE to CS.
- ⤴ They incorrectly assume that the difference is hardware vs. Software.
- ⤴ The question of where rigor appears in the curriculum and will it be diminished by the removal of 329 and 340 from the core was debated.
- ⤴ The mathematics sequence for CS is different from that of CompE, notably CS does not require Math286 (ODEs).
- ⤴ One possibility is to put a portion of the material of 329 and 340 in a new course or a revised 3 credit hour version of Phys214.
- ⤴ The curriculum committee asked to review the syllabus of Phys214. Erhan will provide it at the next meeting.

The next committee meeting will be on Oct.31 to accommodate the LED anniversary celebration on Oct. 24.

The meeting was adjourned at 3:00 PM.

These minutes drafted by S. E. Levinson, Oct. 18, 2012.