

ECE Curriculum Committee Meeting Minutes for September 16, 2011

Members AY 2011-12: Stephen Levinson (chair), Jont Allen, Tanguel Basar, Stephen Bopart, Andreas Cangelaris (ex-officio), Alejandro Dominguez-Garcia, Matthew Gilbert, Yih-Chun Hu, Seth Hutchinson, Erhan Kudeki (ex-officio), Jean-Pierre Leburton, Xiuling Li, Steven Lumetta, Jonathan Makela, Sayan Mitra, Michael Oelze, Constantine Polychronopoulos, Paris Smaragdis, John Tucker, Nitin Vaidya, Martin Wong

Attendees: Levinson, Allen, Kudeki, Vaidya, Dominguez-Garcia, Hutchinson, Wong, Oelze, Smaragdis, Hu, Basar, Lumetta

The meeting of the AY 2011-12 Curriculum Committee was called to order at 10:05 AM.

The chair reported that the application for ECE111 was modified and forwarded for approval. The application for ECE498JD was also modified and would be reviewed at the next meeting.

The application for ECE398KC was approved subject to the question of maximum enrollment. Erhan Kudeki will clarify that matter.

A request for GE400, Engineering Law, to be added to the list of Tech Electives was unanimously rejected on the grounds that it is not an ECE technical course. ECE students are welcome to take the course as a free elective. The chair suggested that a technical course be defined as one that has significant mathematical, scientific, or experimental content. Erhan Kudeki stated that the ECE course guidelines be made more precise in this regard. The chair will report the committee decision to the department head.

A discussion of two important interrelated issues: The overall ECE curriculum and revision of the CompE curriculum. Material from previous Curriculum committee meetings was distributed to remind the new committee of progress to date. The main issue for CompE is the revision of ECE190, 290 and 385. In particular, the inclusion of material on algorithms and data structures (an ECE version of CS225), the breadth of the curriculum (comprising several technical areas), and the inclusion of instruction in scientific computing in ECE110,190, and 210. The committee agreed that a complete list of topics in the CompE curriculum is needed to answer these questions. Erhan Kudeki volunteered to provide the list for the next meeting. A suggested action plan from CompE faculty is required in order that the Curriculum Committee can draft a recommendation.

This will also be needed for our input to the ABET review.

The next meeting will be in 159 EL.

The meeting was adjourned at 10:58 AM.

These minutes drafted by S. E. Levinson, Sept. 16, 2011, amended Sept. 23, 2011.