

ECE CURRICULUM COMMITTEE

TO: Tangu Basar, Brian Cunningham, Matthew Frank, Seth Hutchinson, Wen-Mei Hwu, Jianming Jin, Doug Jones, Steve Levinson, Chang Liu, Sean Meyn, Narayana Rao, Naresh Shanbhag, Greg Timp, Pramod Viswanath, Bruce Wheeler

FROM: Erhan Kudeki

SUBJECT: Curriculum committee meeting minutes

DATE: Sept 22, 2005

Minutes of the Curriculum Committee Meeting Sept 22, 2005

- 1) Members present: Tangu Basar, Brian Cunningham, Matthew Frank, Wen-Mei Hwu, Jianming Jin, Doug Jones, Steve Levinson, Sean Meyn, Narayana Rao, Naresh Shanbhag, Greg Timp, Pramod Viswanath
- 2) Prof. Rao reported on the status of ECE curricula revision proposal to the COE. The COE is requesting minor format changes and additional information in the proposal that Prof. Rao's office will implement within a week.
- 3) Greg Timp presented the new proposals for ECE 340 and ECE 440. ECE 340 will ultimately replace ECE 440 as a required course and will be listed as a pre-requisite for ECE 442 --- it is intended as a junior year (preferably first semester) course on integrated circuits with equal (1/3 level) emphasis on semiconductor physics, devices, and circuit applications, with the format of 2 lectures and 1 discussion section per week, all taught by ECE faculty. The overall response of the committee to the ECE 340 proposal was positive and Greg Timp was invited to prepare an ECE 398 proposal for Spring 06 semester that implements a prototype of the proposed course. ECE 398GT will be accepted as a replacement for ECE 440. Further details such as whether ECE 340 will list ECE 329 as a co-requisite (or not) and whether ECE 440 will be included in a 4-of-6 list (or not) will be debated and decided in future meetings. Ultimately, those decisions may depend on the experience to be gained from ECE 398GT as well as further refinements in ECE 440 proposal (which was not discussed in detail in the meeting).
- 4) A proposal from Doug Jones, "Proposed principles regarding ECE-labeled courses" was debated. Overall, there was a mixed opinion about the utility of (and potential difficulties associated with) the proposed principles/guidelines. Doug Jones decided to withdraw the proposal in view of the general sentiment.
- 5) The next meeting is planned for Thursday, October 6, 2005, 9:00 AM.

