

ECE CURRICULUM COMMITTEE

TO: Tangu Basar, Donna Brown, Andreas Cangellaris, Minh Do, Seth Hutchinson, Wen-Mei Hwu, Steve Levinson, Daniel Liberzon, Tom Overbye, Sanjay Patel, Narayana Rao, Naresh Shanbhag, Gregory Timp, Nitin Vaidya, Pramod Viswanath, Bruce Wheeler

FROM: Erhan Kudeki

SUBJECT: Curriculum committee meeting minutes

DATE: April 11, 2005

Minutes of the Curriculum Committee Meeting April 11, 2005

- 1) Members present: Tangu Basar, Donna Brown, Andreas Cangellaris, Minh Do, Seth Hutchinson, Wen-Mei Hwu, Steve Levinson, Daniel Liberzon, Tom Overbye, Sanjay Patel, Narayana Rao, Gregory Timp, Nitin Vaidya
- 2) Minutes of Feb 28, 2005 meeting were approved.
- 3) Discussions were initiated on a broad spectrum of issues including: 1) Status of junior/senior level required and semi required courses and how they relate to breadth vs depth, general education vs specific research objectives; 2) the proposal by Doug Jones to move ECE 440 into a semi-required course status; 3) the place of biology related courses (intro, engineering applications, etc.) in the ECE curricula of near future and how they may compete for student hours with other basic courses such as Physics 213 and 214. S. Levinson questioned whether biological problems have reached sufficiently quantitative formulations to deserve to be included in ECE curricula on par with, say, physics. G. Timp asked whether it would be more beneficial to our students if Physics 214 (quantum and modern physics) were taught by ECE professors. E. Kudeki asked whether ECE and Physics faculty could work together to arrange a more harmonious Physics 214 and ECE 440 (340?) sequence that reduced the repetitions and enhanced circuit examples. The discussions will continue during the upcoming meetings.

