

ECE CURRICULUM COMMITTEE

TO: Tangu Basar, Jennifer Bernhard, Dick Blahut, Steve Boppart, Donna Brown, Laurie Fisher, Seth Hutchinson, Wen-Mei Hwu, Doug Jones, Steve Levinson, Daniel Liberzon, Tom Overbye, Sanjay Patel, Narayana Rao, Dilip Sarwate, Naresh Shanbhag, Greg Timp, Bruce Wheeler

FROM: Erhan Kudeki

SUBJECT: Curriculum committee meeting minutes

DATE: April 13, 2004

Minutes of the Curriculum Committee April 13, 2004

- 1) Members present: Tangu Basar, Jennifer Bernhard, Donna Brown, Seth Hutchinson, Wen-Mei Hwu, Daniel Liberzon, Tom Overbye, Sanjay Patel, Dilip Sarwate, Naresh Shanbhag.
- 2) The minutes of March 30, 2004 meeting were approved.
- 3) The committee voted in favor of retaining ECE 313 as a 300 level course, i.e., revert back the new ECE 413 into ECE 313, a course meant to be taken in the junior year. It should be recalled that this is a *required* course under the new EE and CompE curricula.
- 4) After further debates and discussions about the Technical Electives rules the committee voted in favor of the following changes concerning Technical Electives and Advanced ECE Electives in the EE curriculum:

"TECHNICAL ELECTIVES:

35 hrs to be selected from a departmentally approved Technical Electives List (see item 5 below) including

- a) A minimum of 6 hrs of non-ECE courses,
- b) A minimum of 22 hrs of ECE courses with at least:
 - (i) 2 hrs of labs,
 - (ii) 3 of the following 5:
 - ECE 390 or CS 225(225)
 - ECE 410
 - ECE 430
 - ECE 442/443
 - ECE 450"

- 5) The following is the current version of ``departmentally approved Technical Electives List''; new course numbers are shown in parenthesis. The list is a merger of the previously used Basic Science Electives, Engineering Science Electives, and Technical Electives lists. One of the next tasks of the Curriculum Committee will be to re-examine and update this list to be used in conjunction with the revised technical electives rule.

TECHNICAL ELECTIVES LIST:

Astronomy **304(ASTR 404)**, 305(405), 314(414)
Atmospheric Sci. 222(ATMOS 300), 301(401), **302(402)**
Biochemistry 350(?), 352(?), 353(?), 355(BIOC 455)
Biology **104(?)**
Biophysics 301(BIOP 401), 320(420), 332(432), 354(?)
Chemistry **102/106(CHEM 104/105)**, 336(436), 340(440), 342(442), 344(444), 346(472), 392(483)
Chem 231(CHEM 232), 234(CHEM 233);

IB **150**;
 Geology 350(GEOL 452)
 MBC(?) **150(MCB 150)**;
 Microbiology 200(MCB 300), 201(MCB 301)
 Physics 225(PHYS 325), 303(403), 346(?), 361(427), 365(479), 371(402), 382(470), **383(485)**,
 386(486), 387(487), 389(460)
 Physiology **103(MCB 103)**, 301(401), 302(402), 303(403), 304(404)

Aero and Astro 233(AE 433), 303(407), 306(402), 311, 313(413), 314(412), 316(416), 333(435),
 334(434), 381(481)
 Agri. Eng. 383(ABE 483)
 Bioengineering 270(BIOE 280?);
 Bioeng. **371(BIOE 471)**
 Ceramic Eng 320(?)
 Chemical Eng. 261(CHBE 221), 370(321), 371(421), 373(422), 380(451), 388(453)
 Civil Eng. **241(CEE 330)**, 348(447)
 General Eng. 324(GE 420), 389(422)
 Industrial Eng. 210(IE 310), **235(330)**
 Mechanical Eng. **205(ME 300)**, 211(310), 213(320), 231(330), 301(404), 304(400), 305(410), 306(420),
 307(?), 308(411), 321(401), 331(403), 336(441), 345(471)
 Mat. Sci. & Eng. **200(MSE 280)**, 207(307), 208(308), 301(401), 302(402), 303(403), 305(405),
 306(406), 320(420), 322(428), 345(445), 346(?), 350(450), 351(451), 355(455), 362(462), 381(481)
 NPRE **302(NPRE 402)**, 347(447), 351(451), 355(455), 357(457)
 TAM **152(TAM 211)**, 212(212), 221(251), 224(324), 235(335), 312(412), 321(?), 335(435), 360(445)

All non-required ECE courses with the exception of 216(316), 317(317))

Mathematics 247(MATH 347), 280(380), 302(402), 303(403), 312(412), 313(413), 314(414), 315(415),
 317(417), 318(418), 323(423), 332(432), 342(442), 344(444), 346(446), 347(447), 348(448), 353(453),
 361(461), 363(463), 366(466), 381(481), 383(?), 384(484), 385(489), 388(498)
 Statistics 310(STAT 400), 311(410), 320(420), 324(424), 325(425), 326(426), 328(428), 329(429)
 CS 225(CS 225), 257(257), 273(273), 300(400), 301(CSE 401?), 302(CSE 402?), 311(411), 318(418),
 319(419), 323(423), 326(426), 327(427), 331(431), 333(433), 337(437), 346(446), 347(?), 350(450),
 355(455), 358(458), 359(459), 373(473), 375(475), 376(476)

6) Next meeting is planned for 10:30 am, Tuesday, April 20, 2004 in 312 EH.

