

Motion to Faculty

11/27/06

The College Curriculum Committee recommends the following motion for modification of the College of Engineering Curriculum:

The Engineering Faculty Council makes a motion that the following revisions be made to the College of Engineering graduation requirements outlined in the document “The New Undergraduate Curriculum”, adopted by the College of Engineering Faculty on June 15, 2001,

7th line

“First-Year Engineering Seminar, 59:090 (0. s.h.)” be amended as follows “First-Year Engineering Seminar, 59:090 (~~0.~~ **1** s.h.)”

3rd line from bottom

“They must take the balance of the 128 sh as specified by their specific programs.” be amended as follows: “They must take the balance of the 128 sh as specified by their specific programs. **These 128 sh shall not include required seminar courses.**”

The New Undergraduate Curriculum

To obtain the degree B.S. Engineering all students entering the B.S. Engineering program, on or after Fall 2002, must complete the following requirements.

- They must take the following courses from the College of Engineering common core:

Engineering Problem Solving I-59:005 (3 s.h.)

Engineering Problem Solving II-59:006 (3 sh)

Rhetoric requirement that is the same as the current requirement (4sh)

First-Year Engineering Seminar, 59:090 (0 s.h.)

Engineering I: Statics, 59:007 (2 s.h.)

Fundamentals of Engineering II: Electrical Circuits 59:008 (3 s. h.)

Fundamentals of Engineering III: Thermodynamics 59:009(3 s. h),

Engineering Mathematics I—Calculus of Single Variable 22M :031 (4 s.h)

Engineering Mathematics II—Calculus of Multiple Variables, 22M:032 (4 s.h.),)

Engineering Mathematics III—Matrix Algebra 22M:033 (2 s.h)

Engineering Mathematics IV— Differential Equations 22M :034 (3 s.h)

Fundamentals of Chemistry I-- 4:01x (4 s.h.),

Engineering Physics I—Classical Mechanics 29:081 (4 s.h.),

Engineering Physics II—Electricity and Magnetism 29:082 (3 s.h.), or Fundamentals of Chemistry II--
4:01y (3 s.h.), (as specified by the program)

- They must meet the GEC requirement specified in the document entitled “Policy on Elective Focus Areas and General Education Component Courses”. Students already in the program as of fall 2001, will be given the option of selecting the GEC courses according the selection procedure set out in the document entitled “Policy on Elective Focus Areas and General Education Component Courses”, with the proviso that they must select 16 sh of courses.
- They must meet the EFA requirement specified in the document entitled “Policy on Elective Focus Areas and General Education Component Courses”.
- They must take the balance of 128 sh as specified by their specific programs.
- All programs in the college shall employ the common core as outlined in Table I for the first three semesters of their departmental curriculum.