



24 February 1998

MEMORANDUM

TO: Members, University Senate

FROM: University Senate Council

RE: AGENDA ITEM: University Senate Meeting, Monday, 9 March 1998 at 3:00 PM. Proposed changes to University Senate Rules, Section IV - 4.2.2.10 College of Engineering Admissions

Proposal: {Delete bracketed sections; add bold, underlined sections}

4.2.2.10 College of Engineering (except Computer Science) (US: 4/25/84)
[Admission to the University of Kentucky does not guarantee admission to one of the degree programs in the College of Engineering. In addition to the requirements for admission to the University, all applicants seeking admission to one of the engineering degree programs will be considered on the basis of the criteria outlined below.]

[Application must be made for admission to a specific degree program. However, subsequent transfer between programs will be permitted and may be accomplished by applying and satisfying the appropriate specified criteria.]

[In all admission categories, an applicant whose native language is other than English and who is not a citizen of the United States is required to take the Test of English as a Foreign Language (TOEFL) and to have a minimum score of 550 in order to be considered for admission. (An equivalent score from another English proficiency test similar to TOEFL may be allowed upon request.) [RC/US transmittal: 12/9/87]]

[In the admission considerations, when personal, academic, professional, or

intellectual circumstances tend to discount low academic or ACT scores, admission may be granted if there is other persuasive evidence of both the capability and motivation to undertake successfully an engineering program.]

[LOWER DIVISION ADMISSION

A High School applicants with no transfer work must meet all the following minimum admission criteria:

1. A high school grade point average 2.5.
2. An ACT composite score at or above the 60th percentile on national (college bound) norms. (Approximate raw score of 20.)
3. An ACT mathematics score at or above the 70th percentile on national (college bound) norms. (Approximate raw score of 22.)]

[B Transfer Applicants

Transfer applicants who have completed at least 10 semester hours of mathematics, chemistry, and/or physics applicable to an applicant's degree program must meet the following minimum criteria:

1. Cumulative GPA 2.5
2. GPA 2.5 in the group of courses made up of the mathematics, chemistry, physics and English applicable to the degree program.

Note: All grades on repeated courses to be included in calculating standings; no repeat options.

C Transfer applicants with fewer hours than specified above must meet the requirements in A. plus meet the GPA requirements in B. for the transfer work that has been attempted.]

PRE-ENGINEERING (10/8/90)

Students who qualify for admission into the University are eligible to enroll in any of the pre-engineering programs offered by the College of Engineering.

UPPER DIVISION ADMISSION (US: 3/10/86; 10/8/90)

There are two procedures available to move from pre-engineering to engineering **standing** in one of the degree programs of the College. These two procedures are described in detail below. Admission to engineering **standing** in a degree program is necessary in order to be granted a baccalaureate degree in engineering. Students must complete at least 30 hours of their ir last 36 hours [of their programs] in residence at the University. At least 24 credit hours must be department courses at or above the 300 level.

A Automatic Admission (US: 10/8/90)

Students enrolled in **a** pre-engineering [in a] degree program and those

applying to enter a program may progress to engineering **standing** in that program if they meet the following criteria: (1) submission of application for engineering standing in a department; (2) program with a minimum of 50 semester hours acceptable toward the degree program with a minimum cumulative grade-point average of 2.5; (3) completion of the program requirements with a minimum grade point average of 3.0 in the following courses--freshman English (writing courses), freshman chemistry course sequence, physics course sequence, calculus course sequence; (4) completion of additional specific program admission requirements listed below.

B Admission Based upon Departmental Review: (US: 10/8/90)

This procedure is available for those individuals who meet the requirements in (A) above with the exception of the grade point averages. These individuals are encouraged to apply for a review of their academic record by the department of their choice. This review will give the student the opportunity to have **their** [his or her] record evaluated [in order] to determine if [there are] special circumstances [which] should be considered in support of the admission decision. The specific criteria to be used during the departmental review can be obtained from each departmental office. In general terms, the criteria will consist of tangible factors such as overall grade point averages, grades in specific courses, and resources available in the department, and intangible factors such as personal motivation, work experience, and career plans. No department will consider an individual for admission unless the two grade points mentioned in (A) above are both greater than or equal to 2.25.

C. ADDITIONAL SPECIFIC PROGRAM ADMISSION REQUIREMENTS

1. CIVIL ENGINEERING

[Include Statics (EM 221) in addition to other already listed required program courses, and earn a grade of C or better in any civil engineering (or equivalent) course used to satisfy a degree requirement.]

Upon completing a department engineering standing admission form, automatic admission will be granted if a student has earned a 2.75 or better GPA in the following courses:

Writing: ENG 101 and ENG 102, or ENG 105, or Honors Program

Chemistry: CHE 105 and CHE 107

Physics: PHY 231 and PHY 241

Calculus Sequence: MA 113, MA 114, and MA 213

CE Courses: CE 106, CE 120, and CE 211

Civil engineering does permit the exercise of up to three repeat options for both on-campus and transfer students.

2. ELECTRICAL ENGINEERING

Complete EE 211, EE 221, and EE 222 with a grade of C or better in each course.

3. CHEMICAL ENGINEERING.

Complete CME 205 and CME 210 (US:12/04/89)

All students must apply for admission to engineering in a specific department. Those students who do not qualify for engineering in the department of their choice may be eligible for consideration for engineering in another department. (US: 10/8/90)

Pre-engineering students who meet all of the other requirements for engineering but who do not have a sufficient grade-point average to qualify for engineering in their department must move to another department in which they qualify for engineering or leave the College of Engineering within two semesters. (US: 10/8/90)

Background and Rationale: There are two levels of admission into the Department of Civil Engineering and the College of Engineering. The first level is called Pre-Engineering. All students admitted to the Lexington Campus of the University will be accepted into the Pre-Engineering Program of Civil Engineering upon their request. While students enrolling in Pre-Engineering must choose a department, transfers are permitted between departments of the College of Engineering. Application forms for a departmental transfer are available from the Office of Student Records in room 310 Center for Robotics and Manufacturing Systems (CRMS).

The second, and more advanced, level of admission to the Department and the College is called Engineering Standing. Entry to this level normally is by application from the Pre-Engineering program, though transfer students meeting the requirements stated below could be admitted to Engineering Standing directly upon completing the application for Engineering Standing.

Admission to Engineering Standing in the Civil Engineering Department - Application for Engineering Standing may be made upon completion of the Civil Engineering core curriculum:

Writing:	ENG 101 and ENG 102, or ENG 105, or Honors Program
Chemistry:	CHE 105 and CHE 107
Physics:	PHY 231 and PHY 241
Calculus Sequence:	MA 113, MA 114, and MA 213
CE Courses:	CE 106, CE 120, and CE 211

and a total of 45 credit hours of course work acceptable toward the degree. A minimum core grade point average (core GPA) of 2.75* and a C or better in each core course are required for automatic acceptance into Engineering Standing.

Students who do not meet the automatic entrance criteria but have achieved a core GPA of at least 2.25* may request a review of their application by the Department of Civil Engineering Academic Appeals Committee. This review** will determine whether the student should be granted a waiver of the automatic admission criterion. Reviews will be conducted in January and August. If the Committee decides against the Applicant, but remedial action could improve the Applicant's chances of success, then the committee will so state and the Department will forward the recommendation(s) to the Applicant.

A student may apply twice for Engineering Standing. If a student is denied Engineering Standing after two applications, the student will be terminated from the Civil Engineering program.

Applications for admission into the Engineering Standing level of the Civil Engineering Program are available in room 161 CE/KTC Building (Civil Engineering Office) and should be submitted as soon as the requirements have been met. Engineering Standing is a prerequisite for all 300, 400, and 500 level Civil Engineering courses.

-
- * The policy of the Department of Civil Engineering is to calculate the core GPA using all grades (including those at other colleges and universities), except for those in which an official repeat option has been exercised. Transfer students may also exercise repeat options.
 - ** Applications for admission based on departmental review must include a written statement describing personal motivation, work experiences, career plans, and any other information the applicant considers relevant to the admission decision. In addition to information contained in the personal statement; rank order of core GPA compared with that of other applicants, grades in engineering courses, and resources of the department will be considered in the acceptance or rejection decision.

These changes have been approved by the Engineering Faculty, the Senate Admissions and Academic Standards Committee and the Senate Council and are forwarded to the Senate for final consideration.

Implementation Date: Fall, 1998

US Agenda Item: Engineering Admissions: 3.9.98