2 February 1996

TO: Members, Senate Senate

FROM: University Senate Council

RE: **AGENDA ITEM**: University Senate Meeting, Monday, February 12, 1996. Proposal to amend University Senate Rules, Sections IV-4.2.2.10 and V-5.3.2.3 - College of Engineering Admissions & Suspension Policies. If approved, the proposals will be forwarded to the Rules Committee for codification.

Background:

Re: Probation, Suspension and Reinstatement: The major purpose of the change is to simplify College of Engineering probation, suspension and reinstatement rules by basing them on the UK grade point average. Currently, these rules are based upon the students' "engineering standing" grade point average which includes only course work taken while enrolled in the College of Engineering. The UK grade point average is readily available to the student while the engineering standing grade point average is more difficult to determine.

Re: Admissions: Under the present system admission to "engineering standing" is gained either "automatically" (for students with a minimum cumulative GPA of 2.5, plus a number of other conditions), or (in the case of students with lower GPAs), through "departmental review" for which no criteria are published. Under the proposed policy, criteria for admission to engineering standing will be defined clearly and will be published in the University Bulletin. Therefore students will know precisely what is required for admission to a given department. Having admissions requirements which differ from department to department will enable departments with heavy student demand to restrict admission based on GPAs, to keep enrollment commensurate with teaching and space limitations. It will also enable departments to impose prerequisite course requirements appropriate to their specific programs.

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Proposals:

Section V - Probation, Suspension and Reinstatement: [delete current section; replace with proposed section beginning 5.3.2.3 College of Engineering on page 2]

DELETE: 5.3.2.3 College of Engineering (US: 4/25/84) In addition to the University rules on probation and academic suspension, the following rules apply in the College of Engineering. Engineering standing is defined as the overall grade-point average for all course work taken while enrolled in the College of Engineering. Excluded are correspondence courses and transient work. (The term semester standing refers to the GPA for a single semester.)

A A student who fails to achieve an engineering standing of 2.0 at the end of any semester shall be placed on probation.

B A student, regardless of engineering standing, whose semester standing is less than a 2.0 for two consecutive semesters shall be placed on probation.

C A student who, at the end of his/her first probationary semester, achieves a semester standing of 2.0 but fails to bring his/her engineering standing up to 2.0 will be continued on probation.

D A student who, at the end of a probationary semester, fails to have achieved a semester standing of 2.0 shall be suspended from the College of Engineering.

E A student who, at the end of his/her second consecutive probationary semester, fails to have achieved en engineering standing of 2.0 shall be suspended from the College of Engineering.

F A student who fails to achieve an engineering standing of 1.5 at the end of any semester shall have his/her record reviewed and may be suspended from the College without a preliminary probationary semester.

G A student who has been suspended a single time for academic deficiency may be reinstated into the College of Engineering after an absence of one year. A student will be reinstated as a first semester probationary students and subject to final suspension according to these rules.

H The dean may use his/her discretion in applying these rules where a particular case justifies less severe action.

REPLACE WITH 5.3.2.3 College of Engineering: In addition to the University rules on academic probation, suspension and reinstatement, the following rules apply to the College of Engineering.

1. No Student with a cumulative UK GPA of less than 2.0 will be enrolled in the College of Engineering. Any student who fails to maintain a

cumulative UK GPA of 2.0 will be dropped from the College of Engineering and will not be readmitted until this GPA is 2.0 or greater. No probationary notice will be given.

2. Any student enrolled in the College of Engineering who achieves a GPA of 2.0 or less in any semester will be placed on academic probation.

3. Any student on academic probation who fails to achieve a 2.0 semester GPA will be dropped form the College of Engineering and will not be readmitted until he or she has obtained a semester GPA of 2.0 or greater for one semester and the student's cumulative UK GPA is 2.0 or greater.

4. Students who are dropped twice from the College of Engineering will not be readmitted.

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Section IV - Admissions [Delete current section; replace with proposed section beginning 4.2.2.10 College of Engineering on page 5]

DELETE: 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 in one of the degree programs of the College. These two procedures are described in detail below. Admission to engineering in a degree program is necessary in order to be granted a baccalaureate degree in engineering. Students must complete at least 30 hours of the 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 pre-engineering in a degree program and those applying to enter a program may progress to engineering 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 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 REQUIRE-MENTS

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.

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)

REPLACE WITH 4.2.2.10 College of Engineering Admission to engineering in a degree program is necessary in order to be granted a baccalaureate degree in engineering or computer science. Students must complete at least 30 of the last 36 hours of their programs in residence at the University. Specific departmental requirements for admission to engineering standing are as follows. The same criteria are applied to transfer students with the equivalence of courses determined by the Director of Undergraduate Studies.

Biosystems and Agricultural Engineering

Completion of AEN 202, BIO 150, BIO 152, CHE 105, CHE 107, CS 221, ENG 101, ENG 102 (or ENG 105), EM 221, MA 113, MA 114, MA 213, MA 214, PHY 231, PHY 232, PHY 241, and PHY 242 with a minimum grade point average of 2.25 (computed using grades from the last attempt at each course) in these courses and a overall cumulative grade point average of 2.25. University repeat options may be applied as appropriate.

Chemical Engineering

Completion of CHE 105, CHE 107, CHE 115, MA 113, MA 114, MA 213, MA 214, PHY 231, PHY 232, PHY 241, ENG 101, and ENG 102 or ENG 105) with a cumulative grade point average of 2.70 in these courses. Completion of CS 221 with a passing grade and completion of CME 200 with a grade of C or better. University repeat options may be applied as appropriate.

Civil Engineering

Completion of a minimum of 50 semester hours acceptable towards the degree with a minimum cumulative grade point average of 2.5. Completion of ENG 101, ENG 102 (or ENG 105), CHE 105, CHE 107, PHY 232, PHY 241, PHY 242, MA 113, MA 114, MA 213, and MA 214 with a minimum cumulative grade point average of 2.50 in these courses. A grade of C or better must also be earned in all civil engineering courses which have been attempted if these courses are to be credited towards meeting degree requirements. University repeat options may be utilized as appropriate. Students who do not meet these GPA requirements may request consideration based upon departmental review if both of these GPAs are 2.25 or better.

Computer Science

Completion of a minimum of 50 semester hours acceptable towards the degree including the University Writing requirement. Completion of MA 113, MA 114, MA

213, CS 121, CS 122, CS 245, CS 250 and CS 270 with a minimum cumulative GPA of 2.5 in these courses. University repeat options may be utilized as appropriate.

Electrical Engineering

Completion of EE 211, EE 221, EE 222, and EE 280 with a minimum cumulative GPA of 2.4 in these courses. University repeat options may be utilized as appropriate. In addition, the Electrical Engineering Department will not permit a third admission into any of these courses.

Mechanical Engineering

Completion of at least 50 semester hours applicable to the degree program with a minimum cumulative GPA of 2.5. Completion of ENG 101, ENG 102, (or ENG 105), MA 113, MA 114, MA 214, CHE 105, CHE 107, PHY 231, PHY 241, PHY 232, and PHY 242 with a minimum cumulative GPA of 2.7 in these courses. A student may repeat four of these courses in order to improve this grade point average, except that he/she may not repeat a course in which he/she already has a grade of "A". All attempts (up to a maximum of sixteen) in this group of twelve courses will be included in the calculation of this grade point average. No grade will be dropped. Attempts in excess of the first sixteen will not be included in this calculation.

Materials Engineering

Completion of ENG 101, ENG 102 (or ENG 105), MA 113, MA 114, MA 213, MA 214, PHY 231, PHY 232, PHY 241, PHY 242, CHE 105, CHE 107 and CHE 115 with a cumulative minimum GPA of 2.25 in these courses and completion of CS 221 with a passing grade. University repeat options may be utilized as necessary.

Mining Engineering

Completion of a minimum of 50 semester hours acceptable towards the degree in mining engineering with a minimum cumulative grade point average of 2.5. Completion of ENG 101, ENG 102, (or ENG 105), MA 113, MA 114, MA 213, MA 214, CHE 105, CHE 107, PHY 231, PHY 232, PHY 241, and PHY 242 with a minimum cumulative GPA of 2.50 in these courses. University repeat options may be utilized as appropriate. Students who do not meet these GPA requirements may request consideration based upon departmental review if both of these GPAs are 2.25 or greater.

Implementation: Fall, 1996