

PROPOSED CHANGES TO THE DEGREES AND PROGRAMS SECTION IN THE COCKRELL SCHOOL OF ENGINEERING CHAPTER IN THE UNDERGRADUATE CATALOG 2016-2018 or LAW SCHOOL CATALOG 2016-2018

TYPE OF CHANGE:¹ Academic Change
 Degree Program Change (THECB² form required)

PROPOSED CLASSIFICATION:³ Exclusive General Major

Comment [DLR1]: Check appropriate box.

1. IF THE ANSWER TO ANY OF THE FOLLOWING QUESTIONS IS YES, THE COLLEGE MUST CONSULT LINDA DICKENS, DIRECTOR OF ACCREDITATION AND ASSESSMENT, TO DETERMINE IF SACSCOC APPROVAL IS REQUIRED.

- Is this a new degree program? Yes No
- Is this program being deleted? Yes No
- Does the program offer courses that will be taught off campus? Yes No
- Will courses in this program be delivered electronically? Yes No

2. EXPLAIN CHANGE TO DEGREE PROGRAM AND GIVE A DETAILED RATIONALE FOR EACH INDIVIDUAL CHANGE: Updating ROTC policy. Rationale: to allow ROTC students to count up to four upper division ROTC courses toward their career gateway electives in mechanical engineering.

Our current policy allows departments to substitute 3 credits of Air Force Science, Military Science or Naval Science for 3 credits of engineering electives. Several of our programs have a greater capacity to accept ROTC courses in their degree plan through their elective programs designed to support the student's personal or career goals; therefore, the Cockrell School of Engineering wishes to update our policy on ROTC course substitutions to provide greater flexibility for those programs. The largest number of ROTC substitute credits would be 12 in the Mechanical Engineering program, which has an allowance for 12 credits of Career Gateway electives. Other programs are more constrained in accepting non-engineering electives. Core course and ABET accreditation requirements on minimum math, science, and engineering credits also effectively impose an upper limit on ROTC substitutions.

Comment [DLR2]: Clarify if the four ROTC courses are limited to 12 hours. Give a complete rationale for why engineering is making this change.

3. THIS PROPOSAL INVOLVES: (Please check all that apply)

- Courses in other colleges Courses in proposer's college that are frequently taken by students in other colleges Flags
- Course in the core curriculum Change in course sequencing for an existing program Courses that have to be added to the inventory
- Change in admission requirements (external or internal) Requirements not explicit in the catalog language (e.g., lists of acceptable courses maintained by department office)

Comment [DLR3]: Please check the appropriate box or boxes.

4. SCOPE OF PROPOSED CHANGE:

- a. Does this proposal impact other colleges/schools? Yes No
If yes, then how would you do so?
- b. Do you anticipate a net change in the number of students in your college? Yes No
If yes, how many more (or fewer) students do you expect?
- c. Do you anticipate a net increase (or decrease) in the number of students from outside of your college taking classes in your college? Yes No
If yes, please indicate the number of students and/or class seats involved.

Comment [DLR4]: The LRC felt that this box should have been checked yes because gateway courses that Engineering students may no longer need to take are in other colleges.

- d. Do you anticipate a net increase (or decrease) in the number of students from your college taking courses in other colleges? Yes No
- If yes, please indicate the number of students and/or class seats involved.

If 4 a, b, c, or d was answered with yes, please answer the following questions:

If the proposal has potential budgetary impacts for another college/school, such as requiring new sections or a non-negligible increase in the number of seats offered, at least one contact must be at the college-level.

How many students do you expect to be impacted?

The impacted number of students is estimated to be approximately ten per year.

Impacted schools must be contacted and their response(s) included:

Person communicated with: No schools were communicated with because of the negligible impact.

Date of communication:

Response:

- e. Does this proposal involve changes to the core curriculum or other basic education requirements (42-hour core, signature courses, flags)? If yes, explain: NO

If yes, Undergraduate Studies must be informed of the proposed changes and their response included:

Person communicated with:

Date of communication:

Response:

- f. Will this proposal change the number of hours required for degree completion? If yes, explain: NO

5. COLLEGE/SCHOOL APPROVAL PROCESS

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|---------------------------|------------------|-------------------|--------------------------------|
| Department approval date: | February 3, 2016 | Approved by whom: | Mechanical Engineering Faculty |
| College approval date: | March 29, 2016 | Approved by whom: | Degrees & Courses Committee |
| Dean approval date: | April 6, 2016 | Approved by whom: | Sharon L. Wood |

PROPOSED NEW CATALOG TEXT:⁴

Under Applicability of Certain Courses:

ROTC Courses

The dean, on the recommendation of the department chair, may substitute three semester hours of credit for air force science, military science, or naval science courses for three semester hours of elective coursework in an engineering degree program. The elective for which an ROTC course is substituted must be approved by the student's major department faculty adviser. All ROTC students should consult their undergraduate adviser. The total number of semester hours required for the degree remains unchanged. Substitution is permitted only upon the student's completion of the last two years of ROTC coursework and receipt at the University of a commission in the service. Upon recommendation of the department advisor has the authority to substitute an equivalent air force science, military science, or naval science course or courses for a course or courses prescribed by the School of Engineering, up to a maximum of 12 semester credit hours. Core curriculum courses cannot be substituted.

Comment [LAC5]: Please estimate how many students may be impacted

Comment [DLR6]: The LRC felt that the catalog language needs to clarify whether substitute courses are limited to a certain number of hours and what types of Engineering courses may be substituted. The rationale above specifies career gateway electives in Mechanical Engineering and a limitation of four courses, but the catalog language here is much broader. In addition, it was recommended that a separate sentence explicitly state that core curriculum courses cannot be substituted by an ROTC course; use of commas/semi-colons in the proposed language may lead to different interpretations by students.

Comment [SGE7R6]: We can make a separate sentence for core curriculum. The catalog language is what the faculty approved. It was recognized that a number of credits did not need to be explicitly stated because core course and ABET accreditation requirements effectively imposed an upper limit as noted above. Nevertheless, because the nature of the discussion and faculty approval was in the context of no more than 12 SCH, I am willing to add that to the catalog language to satisfy the LRC's concern.

¹ See <https://facultycouncil.utexas.edu/degree-program-changes> for detailed explanations.

² Texas Higher Education Coordinating Board forms: <https://facultycouncil.utexas.edu/download-forms>

³ EXCLUSIVE: of exclusive application and of primary interest only to a single college or school ("no protest" period is seven calendar days); GENERAL: of general interest to more than one college or school (but not for submission to the General Faculty) ("no protest" period is fourteen calendar days); major legislation must be submitted to the General Faculty for adoption ("no protest" period is fourteen calendar days).

⁴The proposed text should be based on the text of the current catalog available at: <http://catalog.utexas.edu/undergraduate/>
Strike through and replace (with underlines) only the specific language to be changed. Do NOT use track changes. Submit form electronically to the Office of the General Faculty and Faculty Council at fc@austin.utexas.edu. For questions on completing this section, please contact Victoria Cervantes, fc@austin.utexas.edu, 471-5934 or Brenda Schumann, brenda.schumann@austin.utexas.edu, 475-7654.