

DEPARTMENTAL SUPPLEMENT FOR NON-STANDARD TECHNICAL ELECTIVE PETITION

Use this form to obtain approval to count a course that is either outside the Picker Engineering Program or a course within Picker at the 400 level as a technical elective. Attach a current course syllabus, and explanations of how this course meets departmental ABET outcomes criteria (see reverse). If the course is outside of Smith College, please include any notations pertinent to the request. The completed form can be submitted to the Program Assistant in Ford Hall 155C.

Name: _____ Student ID: _____
E-mail address: _____ Telephone: _____ Class: _____
Student Signature: _____ Date Submitted: _____

Academic Year: 20____ Fall ____ Spring____

Course Number & Name	Credit Hours
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Student Comments:

The student is granted permission by the Program to count the course indicated above as a technical elective.

_____	_____	_____
Academic Advisor	Academic Advisor - Signature	Date

_____	_____	_____
Assistant Director/Director, Picker Engineering Program	Assistant Director/Director - Signature	Date

Comments:

Additional approval by program faculty as deemed necessary by the Assistant Director/Director & Academic Advisor

_____	_____	_____
Faculty Member or EGR400 Professor	Faculty Member - Signature	Date

Comments:

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Please circle the ABET program outcomes that the course addresses.

- a. An ability to apply knowledge of mathematics, science, and engineering
- b. An ability to design and conduct experiments, as well as to analyze and interpret data
- c. An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
- d. An ability to function on multidisciplinary teams
- e. An ability to identify, formulate, and solve engineering problems
- f. An understanding of professional and ethical responsibility
- g. An ability to communicate effectively
- h. The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context
- i. A recognition of the need for, and an ability to engage in life-long learning
- j. A knowledge of contemporary issues
- k. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice
- l. An ability to demonstrate information literacy

Additional comments: