

CURRICULUM PROPOSAL FORM

DEADLINES:

REGULAR COURSE PROPOSALS: OCTOBER 23, 1998 FOR FALL, 1999 AND FEBRUARY 19, 1999 FOR SPRING, 2000
SHORT-TERM COURSE PROPOSALS: DECEMBER 11, 1998 FOR FALL, 1999 AND MARCH 26, 1998 FOR SPRING 2000

PROPOSAL TITLE: *Special Topics in Chemical Engineering: Topic*

SPONSOR/S: *0906.490*

DEPARTMENT: *Dr. C. Stewart Slater and Chemical Engineering Curriculum Com.*
Chemical Engineering

CHECK ALL THAT APPLY:
 UNDERGRADUATE GRADUATE

COLLEGE: _____
 If LAS: History/Humanities
 Math/Sciences
 Social/Behavioral Sciences

* * * * *

TYPE OF PROPOSAL (Check ALL that Apply)

<input type="checkbox"/> General Education	<input checked="" type="checkbox"/> New Course (NOT Gen. Ed.)
<input type="checkbox"/> New Course in _____ Bank	<input type="checkbox"/> Name Change (Dept., School, Major)
<input type="checkbox"/> Existing course, Add To _____ Bank	<input type="checkbox"/> Changes in Degree Requirements
<input type="checkbox"/> Multicultural/Global Designation	<input type="checkbox"/> Changes Involve Gen. Ed. requirements
<input type="checkbox"/> Writing Intensive Designation	<input type="checkbox"/> Minor Changes to Existing Courses
<input type="checkbox"/> New Minor/Concentration/Specialization	<input type="checkbox"/> Course is NOT General Education
<input type="checkbox"/> New Major/Degree Program	<input type="checkbox"/> Course IS General Education
<input type="checkbox"/> Short Term Course Proposal	

DEPARTMENT
(SIGNATURE INDICATES APPROVAL)

Robert P. Heath *10/17/98*
 DEPT. CURRICULUM CHAIR / DATE

[Signature] *10-19-98*
 DEPT. CHAIRPERSON / DATE

COLLEGE CURRICULUM COMMITTEE
 DATE OF OPEN HEARING (if necessary) *2/9/99*

APPROVED
 NOT APPROVED

COMMENTS:

Robert P. Heath *2/9/99*
 SIGNATURE DATE

ACADEMIC DEAN (& GRADUATE DEAN, for New Graduate Programs Only)

APPROVED
 NOT APPROVED

COMMENTS:

[Signature] *10/22/98*
 SIGNATURE (Academic Dean) DATE

 SIGNATURE (Graduate Dean) DATE

UNIVERSITY CURRICULUM COMMITTEE

DATE OF OPEN HEARING (if necessary) 2/9/99 (college level only)

APPROVED

NOT APPROVED

COMMENTS:

Francis Rees 3/24/99
SIGNATURE DATE

SENATE

Date announced at Senate 2/23/99

Voted upon at Senate: Approved Not Approved Date:

EXECUTIVE VICE PRESIDENT/PROVOST

APPROVED

NOT APPROVED If no, reasons are as follows:

STUDENT CREDIT HOURS _____ FACULTY LOAD HOURS _____ EQUALIZED CREDIT HOURS _____

OFFICIAL COPY & APPROVAL SHEET FILED (DATE): _____

DATE/SIGNATURE EXECUTIVE VICE PRESIDENT/PROVOST [Signature]

REGISTRAR

DATE APPROVED COURSE DESCRIPTION RECEIVED _____

HEGIS TAXONOMY & COURSE NUMBER ASSIGNED 0706.446

DATE/SIGNATURE OF REGISTRAR Robert A. Bulot 3/25/99

NOTIFICATION FORWARD:

SENATE CURRICULUM COMMITTEE CHAIRPERSON

DEPARTMENT CHAIRPERSONS

ACADEMIC DEAN(S)

REGISTRAR

SPONSOR(S)

T.M. 3/31/99

Course Proposal

1. Details:

- a) Course Title:** Special Topics in Chemical Engineering: *Topic* (0906.490)
b) Sponsor: Dr. C. Stewart Slater and Chemical Engineering Curriculum Committee
c) Credit Hours: 3 credit hours
d) Course Level: Any level
e) Curricular Effect: Elective for Chemical Engineering students
f) Prerequisites: Approval of instructor
g) Suggested Time/ Fall 1999
Scale of Implementation: 1 section
h) Resources: Faculty will be hired consistent with the College of Engineering multi-year budget. No computer software beyond what is currently being acquired for approved course will be necessary. Laboratory equipment will be obtained consistent with the College of Engineering capital budget. Library acquisitions will be required consistent with current acquisition plan.

2. Rationale:

The proposed course is an elective in the College of Engineering and is consistent with the establishment of the College of Engineering approved by the Board of Trustees in February 1995. The proposed course is part of the Chemical Engineering Program and meets requirements of the Education and Accreditation Committee (EAC) of the American Institute of Chemical Engineers (AIChE) for accreditation of programs by the Accreditation Board for Engineering and Technology (ABET).

The course will be a flexible topic course modeled after the graduate level Special Topics course. This will give faculty flexibility to introduce topics "just in time". This course will allow faculty to accommodate diverse student interests and provide more detailed study of a topic beyond either a required or elective chemical engineering course. The course can also be used as a technical requirement substitution for transfer students to allow substitutions of course not offered off-semester or for prerequisites that have been waived.

3. Essence of the Course:

a) Objectives:

Upon completion of the course, students will be able to:

1. Understand the theory, design and applications of a particular problem or topic in

chemical engineering.

b) Topical Outline:

The instructor will supply the students with a syllabus during the first week of classes listing the course topics. The instructor will assess any technology advances in the subject matter prior to the course and make topic changes as deemed appropriate to maintain the level and currency of instruction.

c) Evaluation and Grading Procedure of Students:

Student grades will be based on examinations, homework and/or projects. A course syllabus with a stated method of arriving at the final grade, e.g., number of exams, projects, homework, percentage of grade, will be distributed to students the first week of classes.

d) Course Evaluation:

The proposed course will be evaluated on the basis of student evaluations and curriculum review by appropriate faculty.

4. *Results of Consultations:*

This course is neither a requirement or elective in any other program, and does not impact on required prerequisite course offerings of any other program. Therefore, no consultations have been sought.

Catalog Description

Special Topics in Chemical Engineering: *Topic* (0906.490)

Prerequisite: Approval of instructor

This course presents chemical engineering topics related to recent developments in industrial practice or research. May be repeated.