

NON-GENERAL EDUCATION PROCESS A

RECEIVED

*DEADLINES: Deadline dates for 1999/2000 submissions: Regular proposals: October 22, 1999 to be implemented in Fall 2000; Short-Term proposals: December 10, 1999 to be implemented in Fall, 2000; Regular proposals February 18, 2000 to be implemented in Spring 2001; March 24, 2000 for short-term courses to be implemented in Spring 2001

PROPOSAL TITLE: Special Topics in Mechanical Engineering 0910.405
(0910 405)

SPONSOR(S): Dr. H. Clay Gabler

DEPARTMENT: Mechanical Engineering

COLLEGE: Engineering

IF LAS CHECK ONE: History/Humanities Math/Science Social/Behavioral Sciences

Check one: Undergraduate Graduate

THE ATTACHED *NON-GEN-ED* PROPOSAL IS BEST DESCRIBED BY THE ITEM(S) CHECKED.

New non-gen-ed course

Short-term non-gen-ed course

Minor curricular changes (fewer than three) to:

existing non-gen-ed course

non-gen-ed degree requirements

major

minor, specialization, concentration, track certificate program

DEPARTMENT

(Signature indicates approval)

Rev. Pitt Ramchandran 10/20/99

Dept. Curriculum Chair/Date

TR Chandrupatla 10/22/99

Dept. Chairperson/Date

ACADEMIC DEAN

Approved Not Approved Comments:

Dean's Signature/Date J. Tracy

COLLEGE CURRICULUM COMMITTEE

Date of open hearing (if necessary) 10/5/99 Approved Not Approved

Comments:

Signature of College Chair/Date: Ravi Sankar Ramachandran

UNIVERSITY CURRICULUM COMMITTEE

Date Received/Processed 7/24/00

Comments:

Curriculum Chair Signature: [Signature] Date Announced At Senate 5/17/00

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): _____ Executive VP/Provost Signature/Date [Signature] 5/22/00

REGISTRAR

Date Approved Course Description Required 5/24/00

Hegis Taxonomy & Course Number Assigned C910.405

Registrar Signature/Date Robert A. Kubat 5/25/00

NOTIFICATION FORWARD

Senate Curriculum Committee Chairperson Academic Dean(s) Tim 6/6/00

Department Chairpersons Registrar _____ Sponsor(s) _____

Course Proposal

1. Details:

- a) Course Title: Special Topics in Mechanical Engineering (0910.405)
- b) Sponsor: Dr. H. Clay Gabler, Department of Mechanical Engineering, College of Engineering
- c) Credit Hours: 3 credit hours
- d) Course Level: Sophomore, Junior, or Senior
- e) Curricular Effect: No effect on other courses; used only by permission of Engineering Department or Instructor
- f) Prerequisites: Permission of Department or Instructor
- g) Suggested Time/
Scale of Implementation: Spring 2000
One section
- h) Resources: No impact; existing resources are sufficient
- i) Library Resources: No impact; existing resources are sufficient

2. Rationale:

This course is used to provide the Department with the flexibility to arrange a focus topic(s) of study not otherwise available in their program. This experience will be formulated in a manner that enhances the student's educational experience, while satisfying the requirements as specified by the Accreditation Board for Engineering and Technology (ABET).

3. Essence of the Course:

a) Objectives:

The content of this special topics course will be determined by the programmatic needs, as approved by the Department and instructor.

b) Topical Outline:

The topics covered in the course will be determined by the programmatic needs, as approved by the Department and instructor.

c) Evaluation and Grading Procedure of Students:

Student grades will be determined on the basis of examinations, homework and/or projects, laboratory projects and reports.

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:

The Mechanical Engineering Department has identified a need for their students to occasionally offer a topic(s) of study which are not otherwise available in their program. This course will satisfy this need.

Catalog Description:

Special Topics in Mechanical Engineering (0910.405)

Prerequisites: Permission of Instructor

This course covers special topics in individual areas of Mechanical Engineering. Specific prerequisites are determined by the nature of the course when it is announced.