

OCT 27

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 13, 2000 to be implemented in Spring 2001; March 24, 2000 for short-term courses to be implemented in Spring 2001

PROPOSAL TITLE: Topics in Electrical and Computer Engineering 0909.402  
(0909.402)

SPONSOR(S): Ravi P. Ramachandran and John L. Schmalzel

DEPARTMENT: Electrical and Computer 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)

Dept. Curriculum Chair/Date Ravi Ragh Ramachandran 10/22/99

Dept. Chairperson/Date John L. Schmalzel 22 OCT 99

ACADEMIC DEAN

Approved  Not Approved  Comments:

Dean's Signature/Date J. L. Schmalzel

**COLLEGE CURRICULUM COMMITTEE**

Date of open hearing (if necessary) 12/5/99 Approved  Not Approved

Comments:

Signature of College Chair/Date: Ravi Man Ramchandran

**UNIVERSITY CURRICULUM COMMITTEE**

Date Received/Processed 3/17/00

Comments:

Curriculum Chair Signature: [Signature] Date Announced At Senate 3/19/00

**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] 4/4/00

**REGISTRAR**

Date Approved Course Description Required \_\_\_\_\_

Hegis Taxonomy & Course Number Assigned C909.400

Registrar Signature/Date: Robert A. Kulbert 4/17/00

**NOTIFICATION FORWARD**

\_\_\_\_\_ Senate Curriculum Committee Chairperson \_\_\_\_\_ Academic Dean(s)

\_\_\_\_\_ Department Chairpersons \_\_\_\_\_ Registrar \_\_\_\_\_ Sponsor(s)

## Course Proposal

### 1. Details:

- a) Course Title: Topics in Electrical and Computer Engineering (0909.402)
- b) Sponsor: Dr. Ravi P. Ramachandran, Dr. John L. Schmalzel and  
Electrical Engineering Curriculum Committee
- c) Credit Hours: 3 credit hours
- d) Course Level: Senior
- e) Curricular Effect: Elective course for Electrical Engineering majors
- f) Prerequisites: Permission of Instructor
- g) Suggested Time/  
Scale of Implementation: Fall 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:

**a) Consulted Departments: None**

**b) Consultants and Consultant Statements: N/A**

**c) Written Consultations: N/A**

**5. Additional Supporting Information: N/A**

**Catalog Description:**

**Topics in Electrical and Computer Engineering (09<sup>U</sup>9.402)**

*Prerequisites: Permission of Instructor*

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



*Department of Computer Science*

Memo to: Ravi Ramachandran  
Electrical & Computer Engineering

From: Seth Bergmann  
Chairperson

Date: March 1, 2000

Subject: Curriculum Proposal

I support your proposal for a Topics course in ECE. We have a similar course in CS, and it has worked out very well. Please keep us advised of the particular topics which you will be offering so that we may keep our students informed.