

RECEIVED OCT - 1 2008

ATTACHMENT A

PROPOSAL FOR COURSE CHANGE

To: Curriculum Committee

From: Department of Electrical Engineering

Date submitted: September 26, 2008

Request for: Course change X Course deletion _____ Course addition _____
(Excluding course credit hour changes)

Submitted by: Carl Greco

Approved by: Department Head: Matthew E. Nelson

Dean of School: Willy Hoefle

Reviewed by: Registrar: Gammay Luodes

Vice President: _____

If this is a deletion or other minor change, describe and give rationale.

The existing course catalog description does not adequately reflect the course content.
There is no change to the syllabus or assessment.

If this is an addition of a new course, fill in the following and attach a syllabus (syllabus should include course objectives, and outline of the course with sufficient details to illuminate course content, and a bibliography. The Curriculum Committee/Graduate Council does not need evaluation and testing procedural information nor does it need excessively long bibliographies).

I. Catalog description:

Prerequisites: ELEG 2134. Principles of digital systems design and the use of hardware description languages (HDL) are targeted toward the development of programmable logic devices in this project oriented course. The basic tenets of HDL will be presented including design flow, structural and behavioral descriptions, data types, concurrent and sequential statements, processes, procedures, functions, and packages. Approximately one hour per week will be devoted to supervised project development.

Number: ELEG 4133

Title for Catalog: Advanced Digital Design

*Title for Course Inventory (24 characters): Advanced Digital Design

Description: See above.

app CC 10/24/08
app FS 11/12/08

11-24-08
KR

Effective date or term: Fall 2009

*Course fees: None

II. Justification and feasibility of course:

A. What is the need for this course? Who will take it?

Elective for electrical engineering majors.

B. How does it relate to other work being offered by your department? Is there an overlap with other courses in the department?

Advanced digital design is an elective.

C. Is this course part of any general plan of development within your department? Explain.

Digital design course sequence.

D. How often will the course be offered?

Annually.

E. How will the course be staffed?

Departmental faculty.

F. When applicable, state with which departments you have specifically coordinated this change? (If unable to identify coordinating departments that change affects, Academic Affairs can offer assistance in identifying course use.)

None required.

***Note: Each new course proposal must include a short explanation describing how the new course integrates with the assessment process of the department in which the course will be taught.**

*Updated 8/1/04

**Updated 9/1/05