

CATALOG YEAR 2011-2012

(Please use separate form for each add/change)

COLLEGE/SCHOOL/SECTION: \_\_\_\_\_ College of Arts and Sciences \_\_\_\_\_

Current Catalog Page(s) Affected: pp. \_\_\_\_\_ On Line \_\_\_\_\_

**Course:** Add: X Delete: \_\_\_\_\_ Change: Number \_\_\_\_\_ Title \_\_\_\_\_

(check all that apply) SCH \_\_\_\_\_ Description \_\_\_\_\_ Prerequisite \_\_\_\_\_

If new, provide Course Prefix, Number, Title, SCH Value, Description, prerequisite, lecture/lab (hours if applicable) and **student learning outcomes**. If in current catalog, provide change and attach page with changes in red and provide a brief justification.

**Revised System Engineering Courses****SENG 4315 *Embedded Systems*. Three semester hours. (\*)**

Characteristics of embedded systems, microprocessors and microcontrollers, system design, modular programming, interface devices, memory management, interrupts, input/output applications, multitasking, and simulation. Prerequisites: ENGR 2305 and COSC 1336. Course Fee: \$35.

**Justification**

SENG 4315 is required in the Systems Engineering Curriculum, because students need to learn detail about embedded systems, microprocessors and micro-controllers. Also, a course fee of \$35 needs to be added for this course.

**Program:** Add: \_\_\_\_\_ Change: \_\_\_\_\_ Attach new/changed Program of Study description and 4-year plan. If in current catalog, provide change and attach page with changes in red.**Minor:** Add: \_\_\_\_\_ Delete: \_\_\_\_\_ Change: \_\_\_\_\_ Attach new/changed minor. If in current catalog, provide change and attach page with changes in red.**Faculty:** Add: \_\_\_\_\_ Delete: \_\_\_\_\_ Change: \_\_\_\_\_ Attach new/changed faculty entry. If in current catalog, provide change and attach page with changes in red.**College Introductory Pages:** Add information: \_\_\_\_\_ Change information: \_\_\_\_\_ Attach new/changed information. If in current catalog, provide change and attach page with changes in red.**Other:** Add information: \_\_\_\_\_ Change information: \_\_\_\_\_

Attach new/changed information. If in current catalog, provide change and attach page with changes in red.

Approvals:

Signature

Date

Chair

Department Curriculum Committee

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College Curriculum Committee

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