

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: \_\_\_\_\_ 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 3310** *Introduction to Control Systems*. Three semester hours.

Analysis and synthesis of controlled, dynamic, linear mechanical, electrical, fluid and/or thermal systems; introduction to concepts of stability, controllability, and observability. ~~and to discrete time, sampled data control systems~~, Optimal control systems and nonlinear control theory.

Prerequisites: ENGR 2305, MATH 3310, COSC 1336.

### **Justification**

Modification is required for the course description, because the deleted material will be covered in SENG 3370. The added prerequisite COSC 1336 also required as the basic understanding of logic.

**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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Chair  
Department

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Chair  
College Curriculum Committee

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