

CATALOG YEAR 2008-2009

(Please use separate form for each add/change)

COLLEGE/SCHOOL/SECTION: \_\_\_\_\_Arts and Sciences\_\_\_\_\_

Current Catalog Page(s) Affected: pp. N/A

**Course:** Add: \_\_\_\_\_ Delete: \_\_\_\_\_ Change: Number \_\_\_\_\_ Title X \_\_\_\_\_  
(check all that apply) SCH \_\_\_\_\_ Description \_\_\_\_\_ Prerequisite X \_\_\_\_\_

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* ~~Engineering~~. Three semester hours. (\*)  
Analysis and synthesis of controlled, dynamic, linear mechanical, electrical, fluid and/or thermal systems; introduction to concepts of stability, controllability, observability, and to discrete time, sampled data control systems, optimal control systems and nonlinear control theory.  
Prerequisites: ~~ENGR 2303, ENGR 2372~~ ENGR 2305, MATH 3310

### **Justifications**

The changes of pre-requisite reflects the required pre-knowledge needed for students to take SENG 3310. The new title better reflects the contents than the original title.

**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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