



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 X 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 4390 *Systems Engineering Senior Project*. Three semester hours.
This capstone course provides students the experience of implementing (including building, testing, and documenting) the approved project in SENG 3301, within budget and on schedule. ~~and designing an integrated enterprise project that incorporates operational cost analysis in the choice of product and selection of manufacturing process.~~ Requires integration of knowledge from all required systems engineering courses. Course requirements include a written report and oral presentation. Prerequisites: To be taken during the semester of graduation Senior standing and 12 SCH Engineering Track courses or concurrent enrollment. and SENG 3301. Course Fee: \$35.

Justification

This is the required course for graduating seniors of Systems Engineering. The senior students must register for this course in the last semester of their education period. Therefore, the prerequisite and description require modification. The modified version explains the required project work that the senior students will be completing during their last semester. This is also the continuation of SENG 3301 where they will write a proposal about their project for SENG 4390. 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 | _____ | _____ |
| Chair Department | _____ | _____ |
| Chair College Curriculum Committee | _____ | _____ |
| Dean | _____ | _____ |