

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 4350** *Facilities Design and Logistics*. Three semester hours. (*)

Design and analysis of models and algorithms for facility location, vehicle routing, and facility layout problems. Emphasis will be placed on both the use of computers and the theoretical analysis of models and algorithms in the design of production/service facilities, **sequencing, and scheduling**. Fundamental concepts applied through a sequence of design projects. Prerequisite: **ENGR 2372**, **SENG 3330**, SENG 3350.

Justification

The Prerequisite SENG 3330 is more appropriate than ENGR 2372 based on the topics covered in SENG 4350. Also, the topic “sequencing, and scheduling” is a required topic for logistics.

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

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College Curriculum Committee

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