**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.

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Approvals:

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Department Curriculum Committee

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Department

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College Curriculum Committee

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Signature

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