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. Essential 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:

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Department Curriculum Committee

Chair
Department

Chair
College Curriculum Committee

Dean

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