Revised System Engineering Courses

SENG 4340 Intelligent Systems. Three semester hours. (*)

Introduction to methods for the analysis and design of intelligent engineering systems. Topics include reinforcement learning, optimal estimation, Bayesian networks, expert systems, neural networks, and genetic algorithms. Applications emphasize control and decision making in engineering, finance, and computer science. Prerequisites: SENG 3340, SENG 3370.

Justification

The Prerequisite SENG 3340 is more appropriate than SENG 3370 based on the topics covered in SENG 4340.

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.

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Faculty: Add: _____ Delete: _____ Change: _____ Attach new/changed faculty entry.
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College Introductory Pages: Add information: _____ Change information: _____ Attach new/changed information. If in current catalog, provide change and attach page with changes in red.

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