

CATALOG YEAR 2008-2009

(Please use separate form for each add/change)

COLLEGE/SCHOOL/SECTION: _____ Arts and Sciences _____

Current Catalog Page(s) Affected: pp. 315

Course: Add: _____ Delete: _____ Change: Number _____ Title _____
(check all that apply) SCH _____ Description _____ 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

ENGR 2372 *Introduction to Design of Experiments*. Three semester hours. (*)
Basic probability theories and hypothesis testing introduced. Single factor ANOVA.
Randomized blocks and Latin squares, two-factorials and 2k factorial designs, robust parameter design and uncertainty analysis. Software packages will be used for data mining and interpretation with application to engineering systems and/or other systems.
Prerequisites: ~~ENGR 1201~~, ENGR 1202.

Justification

The new prerequisite prepares students better for taking ENGR 2372.

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

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Department Curriculum Committee

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Department

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College Curriculum Committee

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