CATALOG YEAR __2010-2011_____
(Please use separate form for each add/change)

COLLEGE/SCHOOL/SECTION: ____Arts and Sciences_____
Current Catalog Page(s) Affected: pp.   __N/A_____

Course: Add:____   Delete: _____ Change: Number ____ Title _____
(check all that apply)   SCH _____ Description __X___ 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.
Introduction to basic probability theories and hypothesis testing will be introduced. Single factor ANOVA. Randomized blocks and Latin squares, two-factorials and 2k factorial designs, robust parameter design and uncertainty analysis. Software packages are used for data mining and interpretation, with application to engineering and/or other systems. Prerequisite: MATH 2414 ENGR 1202. Course Fee: $35.

Justification

The change in description is more appropriate for this course. Also, the prerequisite MATH 2414 will prepare students better than ENGR 1202 to understand this course. Also, a course fee needs to be added.

Justification for Adding Course Fee

This course requires SPSS Statistical software, which costs $8,900 for 100 users Academic License for EAMP Department with $89 per license per year per license renewal fee after 3 years. Also, the students use SPSS throughout course to experimental design and statistical analysis. Therefore, an average cost of $35 needs to be added as a course fee for ENGR 2372 to renew/update the SPSS software license.

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

Chair   _____   _____
College Curriculum Committee

Dean   _____   _____