

CATALOG YEAR 2011-2012

(Please use separate form for each add/change)

COLLEGE/SCHOOL/SECTION: _____ College of Arts and Sciences _____

Current Catalog Page(s) Affected: pp. _____ On Line _____

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

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 2103 *Engineering Mechanics-Statics and Dynamics Laboratory*. One semester hours. Laboratory course to accompany ENGR 2303. Laboratory exercises reinforce ENGR 2303 lecture material and place importance on scientific communication and collaboration. Corequisite: ENGR 2303. Lab fee: \$35.00.

Justification for Adding Lab Fee

A laboratory fee of \$35 needs to be added for this course. This course/lab requires several Mechanical experiments such as Forces on a line of action, fixed pulley, idle pulley, Composition of forces, Resolution of Forces, Addition of forces, Force couple, bearing reactions, Hooke's Law, Sliding and rolling friction, Forces acting on an inclined plane, Forces acting on pulleys and block-and-tackle units, Four-cord block and tackle, Six-cord block and tackle, Differential pulley block, Free fall, Moment of inertia, Pendulum, etc. These experiments required small parts like cables, rods, pulleys, torque discs, pivot bearings, Nylon cord, roller chain, Helical springs, etc. which require to be replaced and restore after several usage. Therefore, a laboratory fee of \$35 needs to be added with course ENGR 2103 to replace and restore these mechanical parts.

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	_____	_____