

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****SENG 4380** *Total Quality Control and Reliability Engineering*. Three semester hours.

Principle and practice of statistical quality control including control by variable and by attribute; construction and use of control charts for variables; fraction defectives, number of defects and use of standard plans; reliability and life cycle testing; failure mode and effect analysis; basic concepts of total quality management. Prerequisites: SENG 3380.

**Previous Description**

~~Principles and practices of total quality management (TQM). Basic TQM concepts of leadership, customer satisfaction, employee involvement, continuous improvement and performance measures. Tools and techniques of TQM including statistical process controls, quality function deployment, failure mode and effect analysis, and total productive maintenance. Prerequisites: SENG 3380.~~

**Justification**

The title and description require modification based on the material covered in this course. These changes also reflect the similarity of the course title and materials offered by other universities.

**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	_____	_____