



UCC Document # 142

College Document # _____

Review Type: Edit Exp Full

CATALOG YEAR 2014-2015

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

Course: Add: _____ Delete: _____ Change: X

(check all that apply)

Number _____ Title X SCH _____ Description _____ Prerequisite X

Response Required: New course will be part of major _____ minor _____ as a required _____ or elective _____ course

Revised System Engineering Courses

SENG 4390 *Systems Engineering Senior Design Project*

Three semester hours.

This capstone course provides students the experience of implementing (including building, testing, and documenting) the approved project in SENG ~~34301~~, within budget and on schedule. Requires integration of knowledge from required systems engineering courses. Course requirements include a written report and oral presentation. To be taken during the semester of graduation. Prerequisite: SENG ~~3301~~ 4301.

Justification:

SENG 3301 was changed to SENG 4301 in academic year 2012-2014 to make it a series of two semester courses of 3 cr. each, (SENG 4301 and SENG 4390) as the capstone courses for graduation. Therefore, SENG 3301 no longer exists. The proper pre-requisite for SENG 4390 needs to be SENG 4301. Also, the name was not correct in the catalog. It should be *Systems Engineering Senior Design Project*.

Response Required: New course will introduce _____, reinforce _____, or apply _____ concepts

If new, provide Course Prefix, Number, Title, **Measurable** Student Learning Outcomes, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current online catalog, provide change and attach text with changes in red and provide a brief justification.

Program: Delete: _____ Add: _____ Change: _____ Attach new/changed Program of Study description and 4-year plan. If in current online catalog, provide change and attach text with changes in red.

Minor: Add: _____ Delete: _____ Change: _____ Attach new/changed minor. If in current online catalog, provide change and attach text with changes in red.

College Introductory Pages: Add information: _____ Change information: _____

Attach new/changed information. If in current online catalog, provide change and attach text with changes in red.

Other: Add information: ___ Change information: ___ Attach new/changed information. If in current online catalog, provide change and attach text with changes in red.

Approvals:	Signature	Date
Chair Department Curriculum Committee	Qingwen Ni <small>Digitally signed by Qingwen Ni DN: cn=Qingwen Ni, o=TAMU, email=qni@tamu.edu, c=US Date: 2014.01.29 13:21:06-0600</small>	_____
Chair Department	Rohitha Goonatilake, Ph.D. <small>Digitally signed by Rohitha Goonatilake, Ph.D. DN: cn=Rohitha Goonatilake, Ph.D., ou=Texas A and M International University TAMU, ou=Department of Engineering Mathematics and Phys cs COAS, email=hrago@tamu.edu, c=US Date: 2014.01.29 14:59:55 -06:00</small>	_____
Chair College Curriculum Committee	Lynne L. Manganaro <small>Digitally signed by Lynne L. Manganaro DN: cn=Lynne L. Manganaro, o, ou, email=lynne.manganaro@tamui.edu, c=US Date: 2014.02.10 15:14:36 -06'00'</small>	_____
Dean	Frances Bernat <small>Digitally signed by Frances Bernat DN: cn=Frances Bernat, o=COAS, ou=Public Affairs and Social Research, email=frances.bernat@tamui.edu, c=US Date: 2014.02.10 16:35:15 -06'00'</small>	_____



Provost's Signature
Date _____