College Document # _COAS 141__
UCC Document # 140
Date Received _____

CATALOG YEAR 2011-2012

COLLEGE/SCHOOL : COAS

Current Catalog Page(s) Affected on line

Course: Add: _____ Delete: _____
(check all that apply) Change: Number ____ Title_____ SCH _____
Description _____ Prerequisite __x___

If new, provide Course Prefix, Number, Title, SCH Value, Description, prerequisite, and lecture/lab hours if applicable. If in current catalog, copy and paste the text from the catalog and indicate changes in red.

Justification: To make the prerequisite more specific for MATH 5330.

MATH 5330 Abstract Algebra I. Three semester hours.

This is the first course in Abstract Algebra. The main topics in this course will be groups, rings, fields, subgroups, quotient groups, ideals, homomorphisms and introduction to field extensions. There will be classical examples of permutation groups, polynomial rings and integral domains, questions of factorization, ideals and fundamental homomorphism theorems. Prerequisite: knowledge equivalent to MATH 4310 ~~Graduate standing and consent of instructor.~~

College Introductory Pages: Add information: _____ Change information: _____
Attach new/changed information. If in current catalog, copy and paste the text from the catalog and indicate changes in red.

Approvals:	Signature	Date
Chair Department Curriculum Committee	Qingwen Ni	Digitally signed by Qingwen Ni DN: CN = Qingwen Ni, C = US, O = TAMIU, OU = TAMIU Date: 2011.03.08 11:01:34 -06'00'
Chair Department	Rafic Bachnak	Digitally signed by Rafic Bachnak DN: cn=Rafic Bachnak, o=TAMIU, ou=Dept. of Mathematical and Physical Sciences, email=rbachnak@tamiu.edu, c=US Date: 2011.03.13 15:23:19 -05'00'
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