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 5304.

MATH 5304 Number Theory II. Three semester hours.

Topics include: Artin reciprocity law, topics from field theory; modular functions and elliptic curves, Diophantine equations, distribution of prime numbers, computations applications of algebraic curves over finite fields such as elliptic curve cryptography and coding Prerequisite: MATH 5303 ~~Graduate standing and permission 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

Chair   _____   _____
Department

Chair   _____   _____
College Curriculum Committee

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