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 5367.

MATH 5367 Numerical Methods for PDE I Three semester hours.

A study of algorithms for the numerical solution of hyperbolic and parabolic partial differential
equations using the finite difference method; stability and convergence of methods and error
bounds. Applications from physics and engineering will be emphasized. Prerequisite: knowledge
equivalent to MATH 4340 and 4350 ~~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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