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 and indicate changes in red.

Justification: PHYS 2325 is a calculus-based physics. Students need to learn limits, continuity, differentiation, and integration in Calculus I (MATH 2413) then to take this course.

PHYS 2325  University Physics I. Three semester hours.

A calculus-based treatment of the fundamentals of classical mechanics, sound, fluid mechanics and heat. Topics include one and two dimensional motion, forces and Newton's Laws, momentum conservation, energy conservation, rotational dynamics, angular momentum, waves, simple harmonic motion, kinetic theory, calorimetry and thermodynamics. Prerequisite: MATH 2413 or equivalent. Must be taken concurrently with PHYS 2125.

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

Approvals:

Chair  
Department Curriculum Committee

Chair  
Department

Chair  
College Curriculum Committee

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