College Document # _COAS 154__
UCC Document # 243
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 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. ~~or concurrent registration therein.~~ 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:	Signature	Date
Chair Department Curriculum Committee	Qingwen Ni Digitally signed by Qingwen Ni DN: CN = Qingwen Ni, C = US, O = TAMIU, OU = TAMIU Date: 2011.03.09 10:04:58 -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 15:30:16 -05'00'	
Chair College Curriculum Committee	James A Norris Digitally signed by James A Norris DN: cn=James A Norris, o=Texas A&M International University, ou=Dept of Social Sciences, email=jnorris@tamiu.edu, c=US Date: 2011.03.22 20:32:40 -05'00'	
Dean	Kevin Lindberg Digitally signed by Kevin Lindberg DN: cn=Kevin Lindberg, o=College of Arts and Sciences, ou=Texas A&M International University, email=klindberg@tamiu.edu, c=US Date: 2011.03.23 08:31:31 -05'00'	