



UCC Document # 52

College Document # 16

Review Type: Edit Exp Full

CATALOG YEAR 2013-2014

COLLEGE/SCHOOL/SECTION: COAS

Course: Add: Delete:
(check all that apply) Change: Number Title SCH Description Prerequisite X

Attach new/changed information. If in current online catalog, provide change and attach text with changes in red.

PHYS 1301

General Physics I

Three semester hours. (FL)

A non-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. Designed to fulfill laboratory science core curriculum requirements. Prerequisite: MATH 1316 ^{or} (MT) ~~equivalent~~ MATH 2412. Must be taken concurrently with PHYS 1101. Carries no credit toward a ~~major or~~ minor in physics.

Approvals:	Signature	Date
Chair Department Curriculum Committee	Qingwen Ni <small>Digitally signed by Qingwen Ni DN: cn=Qingwen Ni, o=TAMU, ou=TAMU, email=qni@tamu.edu, c=US Date: 2013.10.27 12:07:42 -0500</small>	_____
Chair Department	Rohitha Goonatilake, Ph.D. <small>Digitally signed by Rohitha Goonatilake, Ph.D. DN: cn=Rohitha Goonatilake, Ph.D., ou=Texas A and M International University (TAMU), ou=Department of Engineering Mathematics, and Physics (COAS), email=rgoon@tamu.edu, c=US Date: 2013.10.23 12:36:58 -0500</small>	_____
Chair College Curriculum Committee	Lynne L. Manganaro <small>Digitally signed by Lynne L. Manganaro DN: cn=Lynne L. Manganaro, o, ou, email=lynne.manganaro@tamui.edu, c=US Date: 2013.10.27 12:49:36 -05'00'</small>	_____
Dean	Thomas R. Mitchell <small>Digitally signed by Thomas R. Mitchell DN: cn=Thomas R. Mitchell, o=Texas A&M International University, ou=College of Arts & Sciences, email=tmitchell@tamui.edu, c=US Date: 2013.10.30 17:27:55 -05'00'</small>	_____

Provost's Signature
Date 11/4/13