GENERAL PHYSICS I, PHYS 1403, SPRING 2019

Instructor: Dr. Hari Nair; hnair@utep.edu **Office:** PSCI 223 C **Phone:** 747-7544
Lectures: Psychology Building 115, MW 11:00 am – 12:20 pm **Term:** Jan 22, 2019 - May 09, 2019
Course: PHYS 1403 **CRN**: 25736
Office Hours: T 11:00-12:00

Textbook: College Physics, 3rd edition, by Randall D. Knight, Brian Jones, Stuart Field.
Homework: Pearson Mastering Physics (course ID is **nair06662**)

Tutoring at Miner Learning Center
TA:

Course objectives The objective of PHYS 1403 is to introduce students to fundamentals of algebra-based classical mechanics. The problems and assignments are designed to enhance problem-solving capabilities. Laboratory Section in mandatory for this course.

Main textbook: *College Physics,* 3rd edition, by Randall D. Knight, Brian Jones, Stuart Field.
Grading policy: 2 mid-term exams 40% (20% each); final exam 30%; lab 15%; homework 15%

Course schedule 1) Ch 1 Representing Motion; 2) Ch 2 Motion in One Dimension; 3) Ch 3 Vectors and Motion in Two Dimensions; 4) Ch 4 Forces and Newton's Laws of Motion; 5) Ch 5 Applying Newton's Laws; 6) Ch 6 Circular Motion, Orbits, and Gravity; 7) Ch 7 Rotational Motion; 8) Ch 8 Equilibrium and Elasticity; 9) Ch 9 Momentum; 10) Ch 10 Energy and Work; 11) Ch 14 Oscillations

Disability statement If you have a disability please contact Center for Accommodations and Support Services (CASS)
ph: 747-5148, *email:* cass@utep.edu
Office: Union East Building, Room 106
Without CASS documentation, no accommodations can be made. Please take care of this before the first exam.

Military Statement If you are a military student with the potential of being called to military service and/or training during the course of the semester, you are encouraged to contact the instructor at the beginning of the semester.

Academic Integrity policy
https://www.utep.edu/student-affairs/osccr/student-conduct/academic-integrity.html

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