

Physics 2021 - General Physics I

Fall 2014

Instructor:

Dr. Y. Ha

Office: Barton Hall, Room BA223; phone 215-204-1776; yuanha@temple.edu

Office hours: Tuesday, Thursday 11:00 - 12:00 a.m.

Lectures:

Lectures will take place according to the official time and room. It will be most helpful if you know which topic is going to be covered in class. This will help you understand the concepts and examples as they are discussed.

Textbook: Physics for Scientists & Engineers with Modern Physics and Mastering Physics, 4th edition, Volume 1, by Giancoli, Pearson Publishing 2009. ISBN 9780136139232

Attendance:

You are required to attend all lectures, recitations and lab sections. Lectures and exams are given by the course instructor. You must register for a lab section independently. Recitation section is given by a recitation instructor. Homework and lab work will be considered as part of the grade. If you miss any class or work there must be a very strong reason. It is your responsibility to complete all the course material.

Exams:

Exams must be taken by all students together at the same time. Makeup exam is only allowed by prior written notice.

Grades will be determined as follows:

Midterm Exam 1, 25%, at end of September

Midterm Exam 2, 25%, at end of October

Final Exam, 25%, during final exam week

Homework and Lab work, 25%

Course Goal:

Physics 2021 is intended primarily for biology majors, but open to others. Topics include mechanics, gravitation, energy conservation, fluids and waves. Students must know both differential and integral Calculus proficiently.

Calculator:

A scientific calculator is required. Programmable type not allowed in exam.

