

# PHYS 121: General Physics I

An introduction to motion in one dimension, vectors in 2 and 3 dimensions, the laws of motion, work and energy, momentum and collisions, uniform circular motion, gravity, rotational equilibria and dynamics involving torque and angular momentum, solids and fluids, thermal physics and heat, thermodynamical laws, vibrations, waves, and sound. Math level is algebra and trigonometry. 3 Theory 1 Lab. Lab fee.

Credits: 4

Lab Hours: 3

Lecture Hours: 3

Prerequisites:

MATH 180

Program: Chemistry and Physics

Semester Offered: Fall