

# PHY 101: General Physics I

This non-calculus introductory physics course is normally taken by sophomores and includes topics in classical mechanics (force and torque, acceleration, momentum, linear and rotational kinematics and dynamics, work and energy), elastic properties of solids, properties of fluids, and heat and thermodynamics. Emphasis is on applications in the sciences particularly of interest to biology, nursing, and physical therapy majors. A required one credit laboratory accompanies the lecture and provides students with the opportunity to experiment with applications of the lecture concepts. Students also enroll in recitation.

**Credits:** 3

**Co-Requisites:**

PHY 101L (1 credit), PHY 101R

**Program:** [Physics](#)