

# PHYS 151 : College Physics I

**Credits:** 3

**Class Hours:** 3 lecture

**Prerequisites:** Qualified for MATH 140X.

**Corequisite Courses:**

PHYS 151L

**Recommended:** Previous Physics experience suggested but not required. A strong background in algebra and trigonometry is recommended.

**Description:** This course is the first half of a two-semester introduction to the fundamentals of physics and will cover kinematics, dynamics, energy, collisions and momentum, rotation, waves and sounds, as well as select topics on material properties and thermodynamics. Lectures and problem-solving will regularly use the mathematical tools of algebra, geometry, trigonometry, and vectors.

**Semester Offered:** Fall

**Designation:**

Diversification: Physical Sciences – DP