

# PHYS 182: Physical Mechanics I

Part 1 of a one-year course which examines particle and rigid body dynamics, central forces, vector analysis, oscillatory motion, and Lagrangian mechanics. Prereqs.: PHYS 001 or PHYS 013, and MATH 156, -157 and -159

**Credits:** 3

**Prerequisites/Permissions:**

PHYS 001 or PHYS 013, and MATH 156, -157 and -159

**Program:**

## Physics

### **COURSE DESCRIPTIONS**

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World