

# PHYS 1111 : Introductory Physics I

The first course of two algebra and trigonometry based courses in the physics sequence. Topics include material from mechanics (kinematics, dynamics, work and energy, momentum and collisions, rotational motion, static equilibrium, elasticity theory, and simple harmonic motion), mechanical waves, theory of heat and heat transfer, and thermodynamics.

**Credits** 3

**Prerequisites**

ENGL 1101

MATH 1112

MATH 1112 OR MATH 1113

**Corequisites**

PHYS 1111L