

# PHYS 231: Engineering Physics I

Introduces fundamental theories and principles in classical physics of mechanics, thermodynamics, electromagnetism, and optics with an introduction in modern physics based on the knowledge of calculus and vector manipulations. This course is designed for physics and pre-engineering students and majors requesting calculus-based physics.

**Credits:** 4

**Prerequisites:**

MATH 231 and 232.

**Co-Requisites:**

PHYS 231 Laboratory.

**Program:** Physics