

PHY-252 : General Physics II

Credits 4

Lab 3

Lecture 3

Clinical/WkExp 0

State Prerequisites

MAT-272 and PHY-251

Session Cycle

Fall Only

Fee \$30.00

Course Material Fee \$80.05

Description

This course uses calculus-based mathematical models to introduce the fundamental concepts that describe the physical world. Topics include electrostatic forces, electric fields, electric potentials, direct-current circuits, magnetostatic forces, magnetic fields, electromagnetic induction, alternating-current circuits, and light. Upon completion, students should be able to demonstrate an understanding of the principles involved and display analytical problem-solving ability for the topics covered.