

# PHY 152 : College Physics II

This course uses algebra- and trigonometry-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.

**Credits** 4

**Class Hours** 3

**Lab Hours** 2

**Clinical Experience Hours** 0

**State Prerequisite Courses**

[PHY 151](#)

**Notes**

This course has been approved for transfer under the CAA as a general education course in Natural Science. This course has been approved for transfer under the ICAA as a general education course in Natural Science. This is a Universal General Education Transfer Component (UGETC) course.