

PHY 151 : College Physics I

This course uses algebra- and trigonometry-based mathematical models to introduce the fundamental concepts that describe the physical world. Topics include units and measurement, vectors, linear kinematics and dynamics, energy, power, momentum, fluid mechanics, and heat. 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 Prerequisites

MAT 171 or MAT 271

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.