AP Physics I CURRICULUM

Board Approved: 6/05/2025

Course Information

High School
Full Year Course

Course Description:
AP Physics I is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. The student should have solid algebra skills and have been introduced to trigonometry. This course requires a high degree of independent initiative. This is a preparatory course for the AP Physics I exam.

Curriculum Standards: AP Physics I Course at a Glance

Curriculum Resource(s): None

Curriculum Link: The curriculum for AP Physics I is published by The College Board and is linked here: AP Physics I Curriculum