

# Canyon Crest Academy: AP Physics C

Level of Difficulty	Estimated Homework	Prerequisites
<input type="checkbox"/> Moderate <input type="checkbox"/> Difficult <input checked="" type="checkbox"/> Very Difficult	60 minutes per day*  *This is a general guideline for planning and scheduling purposes. A student's ability level may affect actual preparation time needed.	<b>Department</b> B or better in AP Physics 2 and Successful completion or concurrent enrollment in Calculus

## Course Description

Course will cover Classical Mechanics and Electromagnetism. This course is taught with the assumption that students have a strong background in high school physics and have completed both AP Physics 1 and AP Physics 2. Students will focus on problem solving of university-level physics problems. The pace of the course will be rapid with the assumption of knowledge of fundamental physics. Calculus will be used extensively.

Students will explore these topics through discussions, laboratory investigations, teacher demonstrations, and in-class assignments. This course is aligned with the California State Standards in Physics as well as the guidelines described by CollegeBoard.

## Grading

The grading system is based on weighted percentages. Each assignment will have a point value and be weighed according to the category it falls under. Individual teachers may make slight modifications on the weighted percentages.

Category	Weight
Homework/Class work	15%
Laboratory/Projects	25%
Quiz/Exams	60%

## Links

CCA Science Homepage <http://teachers.sduhsd.net/ccscience>

CollegeBoard <http://www.collegeboard.com>

CollegeBoard Course Description <https://secure-media.collegeboard.org/digitalServices/pdf/ap/ap-physics-c-course-description.pdf>

## Supplemental Information

10 unit course

Meets UC/CSU subject "d" requirements

Fulfills graduation requirement in physical science

Weighted grade