

AP Physics Syllabus

Course Description:

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Twenty-five percent of instructional time is devoted to hands-on laboratory work with an emphasis on inquiry-based investigations. Investigations will require students to ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress.

Additional Materials Required:

- Graphing Calculator
- Cracking the AP Physics 1 Exam, 2020 Edition
 - ISBN-13: 978-0525568308
 - ISBN-10: 0525568301
- [Lab Materials](#)

Student-Teacher Conferences:

Office Hours. Students can schedule up to three (3) Student-Teacher Conference over the duration of the course. These meetings are optional, and attendance will not affect your grade.

To schedule an office hour with your teacher to please visit the Student Resources page on waonline.org.

Washington Academy Grading Scale:

A = 100 - 93

B = 92 - 85

C = 84 - 76

D = 75 - 70

F = 69 or less