

AP Physics 1 2024-2025

Rev 7/31/2024

Instructor:

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Textbooks:

[OpenStax College. College Physics for AP Courses. OpenStax College. 19 July 2022.](#)

Knight, Jones, Field. *College Physics: A Strategic Approach*. 3rd ed. Pearson

About this course:

The AP Physics 1 course has been designed by the College Board as a course equivalent to the algebra- based college-level physics class.

At the end of the course, students will take the AP Physics 1 Exam **Friday, May 16th 2025 at**

8AM Local Time. An overview of the course can be found on the AP Central website.

[AP Central – AP Physics 1: Algebra-Based Overview](#)

AP Classroom

Online resources provided by College Board for AP Physics 1, including Unit Guides, Topic Questions, Personal Progress Checks, and more.

[AP Classroom Link](#)

Join Code = 9J6ZP7

Schoology

This course is offered via the Schoology online learning platform.

Khan Academy

Use the link below to join the course:

[Khan Academy – AP Physics 1 2023-2024](#)

Pivot Interactives

This resource allows students to conduct online experimental design and analysis using video recordings. Students will use this site to submit graded assignments throughout the course. Use the link below to join the course:

[Pivot Interactives - AP Physics 2024-2025](#)

Evaluation and Assessment:

Students will be graded on problem sets, quizzes, laboratory work, projects, and tests. Tests are typically worth 100 points and will consist of questions similar students will see on the AP Exam. Problem sets and quizzes will consist of lab exercises, AP free response problems, and practice exam problems.

Grades will be determined by taking the number of points a student has earned and dividing it by the total number of points for each category. Each category makes up a percentage of the student's quarter average. Categories include Major (70%) and Minor (30%).

Problem Sets and Labs:

Problem sets and lab work should be taken seriously. If completed properly they will enhance your understanding of the material and increase your success in physics.

Problem sets and lab work vary in point value and are included in the Minor grading category. Problem set grades are determined by how completely and accurately you do the assignment. All answers must be written clearly and show applicable work. If you do not show the applicable work, you will not receive any credit - even if you have the correct final answer. A problem set quiz will be given regularly to assess understanding and comprehension of the topics in class.

Policy for Late and Missing Assignments

- All missing grades receive a score of zero. When missing assignments are made up and graded, the score will be replaced with the make-up score. It is the student's responsibility to notify the instructor when a missing grade is submitted / completed via email or Schoology messaging, and to check the criteria of the policy for late and missing assignments beforehand. Make-up sessions for quizzes and tests should be arranged via email. Include the following information to request a make-up session and send all requests to pbrewer@mcpss.com
 1. Name of course
 2. Name of assessment
 3. Documentation of excused absence
- Unexcused late assignments (*Minor and Major*) will receive a 50% deduction if they are turned in within 2 days from the assigned due date. All other unexcused late work receives a score of zero.
- Excuses (parent, doctor notes, etc.) for late assignments (*Minor and Major*) should be turned into the office and sent through a documented parent or guardian email account contact to pbrewer@mcpss.com. All excused late work is due within three days of the assigned due date for credit, excluding extensions for long-term absence from class. Students that do not plan for makeup as specified will be ineligible for make-up opportunities in this class.

Complete the Syllabus Contract below and submit a digital copy to Schoology. This document is required to earn grades in this course.

Printed Student Name _____

I/we have read the attached syllabus and understand the expectations of the class. I will keep this syllabus in the front of my notebook and use it as a guide throughout the year. **A parent and I have signed this syllabus as a statement of accepting the challenges and responsibilities of this class.**

Student signature _____ **Date** _____

Parent/Guardian signature _____ **Date** _____