

AP Physics C, Masterman HS
2020 2021 Mr. Duran Perkins
dpperkins@philasd.org Home

Text: Ruth W. Chabay, Bruce A. Sherwood, *Matter and Interactions, Volume I and II*, 4th edition, 2007-2015, ISBN 978-1-118-87586-5

Syllabus and expectations:

Grading:

40% tests 10% homework 30% labs
("performance-based learning") 20%
quizzes and classwork

There will be a maximum of three tests per quarter. Multiple chapters will be covered on each test – this is to help you adjust to the reality of the AP exam. Many questions from past AP tests will be used on the tests, and I always reserve the right to use questions from previous chapters.

Homework will be assigned using an electronic assignment system: www.webassign.net. The cost is \$14.50/yr, please make your own account.

Labs will be of two types: one will require a formal lab report, and the other will simply require you to hand in your observations and answers to questions.

Quizzes may or may not be announced – be ready.

We will cover all topics that are on the AP physics C exam. Topics are divided into two main categories: mechanics and electricity and magnetism. A complete list of topics can be found at the college board website, <https://apcentral.collegeboard.org>.

Necessary supplies: notebook for lab notes, scientific calculator. Straightedge, protractor, and graph paper may be helpful, but are not required.

The usual expectations of academic honesty and good studentship apply to this course, as outlined in the student handbook. Please also be ready to work with any other student

in the class for group labwork.

Other policies:

Homework assignments will not be accepted late. If you are absent with an excused absence, please make arrangements to turn in homework separately.

Making up missed tests should be a priority, and should be taken as soon as practical after the return. Tests may only be made up for an excused absence.

Though labs are often group-work, the lab report should be your own. Plagiarism and cheating will result in a score of zero on the assignment. This includes homework: while I encourage students to work together, do your own work! Copying helps no one.