

# AP Physics C 2024-2025

## Summer Work

Welcome to AP Physics C! I look forward to working with you. For our summer work, we will try to keep the material we learned the past year in Honors Physics as fresh as possible.

Please join this Khan Academy class: <https://www.khanacademy.org/join/U5FZGQ5H>

You will find 7 unit tests assigned to this class. I have entered suggested deadlines into the assignments so that you don't end up doing all of the work at the last minute. The first six below are the unit tests for the first six units from the Khan Academy High School Physics course, and one (Vectors) is the 19<sup>th</sup> unit from the Khan Academy Algebra course:

1. 1D Motion
2. Forces and Newton's Laws
3. 2D Motion
4. UCM and Gravity
5. Work and Energy
6. Linear Momentum
7. Vectors

Please complete each unit test. If you don't get at least 80% on units 1-3 (1D Motion, Forces and Newton's Laws, 2D Motion), please review the suggested sections as needed and retest until you get at least 80%.

For units 4-6 (UCM and Gravity, Work and Energy, Linear Momentum) and Vectors, you may have more trouble achieving 80% since we didn't spend as much time on those units and/or didn't cover all of the content in the Khan Academy unit test. Do as well as you can, using the Khan Academy resources and/or the lecture notes from our Honors class to help you.

If you have any questions, you can email me, and I will try to answer when I can. (Please note I will be on travel for almost all summer, so response time may be a bit delayed.)