

# AP PHYSICS C SUMMER ASSIGNMENT CHECKLIST

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**\*\*DISCLAIMER\*\*** AP Physics C is designed as a second year in Physics course. If you have not taken Honors Physics or AP Physics ½ it is strongly recommended that you take them prior to continuing with this course. Additionally, this course utilizes principles of calculus. If you have not completed a full year of calculus you may find difficulty in the curriculum. Taking calculus concurrently with the course is possible, but will require those students to put forth more effort in staying on top of course content as the time to teach this math is limited.

- Join the class for Remind 101  
<https://www.remind.com/join/apphycturk>
- Bookmark the Google Classroom Site <https://sites.google.com/site/turkettscience/home/ap-physics-c>

## Go to the Google Classroom Site

- Complete the Physics Concept Diagnostic Test
  - Download the document
  - Fill out the Google Form Answer Key
- Review the Foundations of Physics/Calculus
- Review Vectors and complete the following sections
  - Complete the Vector Addition and Subtraction Problems
  - Complete the Vector Components Problems
  - Complete the Vector Multiplication Problems
  - Be prepared to turn these in during the first week of school

## Resources

The following are some useful sites and resources for practicing and reviewing Physics content. If you need help I would suggest you utilize these sources in addition to other ones discussed in class.

Learn AP Physics - <http://www.learnapphysics.com/apphysicsc/>

Sign up for the free daily practice problems. These are good for review and skills development in regards to AP style multiple choice questions.

Dan Fullerton A+ Physics Video Tutorials - <http://aplusphysics.com/courses/ap-c/videos/APCvidIndex.html#Mechanics>

Bookmark this webpage. Mr. Fullerton goes through each topic you will need to know in individual tutorial lectures. When you get stuck you can review this material as an addition to other resources.

Flipping Physics Tutorial Videos - <http://www.flippingphysics.com/ap-physics-c-review.html>

Bookmark this webpage. Mr. P goes through each topic you will need to know in individual tutorial lectures. When you get stuck you can review this material as an addition to other resources.

Physics Classroom Tutorials - <http://www.physicsclassroom.com/class>

Need help with the concepts? This website is an easy to understand conceptually focused tutorial. If you are struggling with the basics you may want to start a review here and move up to the harder websites/reviews/practice.

AP Central - Collegeboard

Mechanics - [http://apcentral.collegeboard.com/apc/members/exam/exam\\_information/8039.html](http://apcentral.collegeboard.com/apc/members/exam/exam_information/8039.html)

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Visit these two websites to get important test date, question, and format information. You can also find some practice exams and past Free Response Questions with solutions you can review and practice.