

AP Physics C Summer Work

We will be using OpenStax College Physics for AP Courses as our textbook. You can download a pdf (free) or purchase a bound copy on Amazon. During the summer, you should complete the assignments below to set the foundation for the work we will be doing in this course.

Chapter 1

Read the chapter

Use the [PhET Simulator Equation Grapher](#) to solidify your understanding of quadratic equations. There is nothing to complete, just play around with the graph.

Read the Check Your Understanding and Example sections within the chapter and write down any questions that you have.

Review the Glossary and Section Summary in the end of the chapter.

Chapter 2

Read the following sections

- 2.1 Displacement
- 2.2 Vectors, Scalars, and Coordinate Systems
- 2.3 Time, Velocity, and Speed
- 2.4 Acceleration

Use the [PhET Simulator Moving Man Simulator](#) to create graphs of position, velocity, and acceleration vs time graphs. There is nothing to complete, just play around with the simulator.

Read the Check Your Understanding and Example sections within the chapter and write down any questions that you have.