

## AP Physics C 2019-2020 Summer Info

Hello,

Welcome to the AP Physics C class, where all the wonders of the universe will become clear and everlasting enlightenment will follow. At the very least, the mental heavy lifting you will do in this class will leave your brain muscle toned and ripped and ready for the rigors of college.



There are 4 tasks you need to complete over the summer before school starts on August 22.

### 1) Sign up for the AP Physics C 19-20 Group on Google Classroom.

The group code is xn7028. Remember that you need to login using your DPS Google id. I may post info during the summer, so make sure the settings are such that you will receive notice if I post something new.

### 2) Buy a textbook.

You will need to buy the following textbook:

Knight, Randall. *Physics for Scientists and Engineers, 2<sup>nd</sup> Edition*. San Francisco:Pearson, 2008.

ISBN: 0805327363

It must be the 2<sup>nd</sup> edition; no other edition is acceptable if you want to be able to do the homework that I assign from the book. There are some students from last year who may have books available; I will post a link to their contact info on Google Classroom. You can search for the book on Amazon or other used textbook websites, and there are many copies available for less than \$35.

### 3) Complete the summer homework assignment.

Look at Chapters 1-3 and complete the following questions at the end of each chapter.

#### Chapter 1

Pg. 32 Exercises & Problems 37, 39, 41. (Read the instructions carefully; you are not expected to solve the problem, but rather draw a proper pictorial representation. Look at pg 24 and 29 for examples.)

#### Chapter 2

Pg. 64 Conceptual Questions 5, 7, 8, 12

Pg. 66 Exercises & Problems 24, 26, 27, 51, 53

#### Chapter 3

Pg. 87 Exercises & Problems 3, 19, 27, 37, 45

#### Concepts of Motion Packet

This is a packet called "Knight 1.2-1.7" that is posted on Google Classroom.

I will post the answers on Google Classroom; answers to the odd numbered problems are in the back of the book. Make sure you check your answers. There will be a quiz on the summer assignment when you return to school. If you do not do the homework, you may be dropped from the class.

### 4) Have fun adventures and have stories to tell about your amazing summer.

