

AP Physics C-Dr. Berger
Strake Jesuit College Preparatory
2018-2019

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Welcome to AP Physics C! I'm looking forward to our journey together towards growth in the next year. While no prior knowledge is expected for AP Physics C, outside of what you learned in Physics I or AP Physics I, it is expected that you have a proficient understanding and application of material previously covered so we can hit the ground running.

The AP Exam The Advanced Placement Physics C Exams are composed of two exams: Mechanics and Electricity & Magnetism.

- Each exam is a hour-and-a-half long, and will be administered back-to-back the afternoon of May 13, 2019.

MATERIALS

Textbook: Knight, Randall D. *Fundamentals of Physics*. 3rd ed., London: Pearson Education, 2013.

SUMMER ASSIGNMENT

Register Through Google Classroom, register for "Strake Jesuit AP Physics C", Code: fthzkux. This should be done by mid-July so I can send you reminders.

Read Read Chapter 2, "Motion in One Dimension" (pp. 28-48) as posted to Google Classroom.

Review Work problems 33, 21, 23, 29, 24, 40, 43, 49 from the chapter. From Google Classroom Print out and take the Practice Test (answers and explanations are provided). This assignment is **mandatory**.

Resources Useful resources, while not necessary for the course, may be found at <http://www.sparknotes.com/physics/>
<http://apphysicslectures.com>

By the **first day of classes**, it is assumed that you will be proficient at kinematics in one-dimensional and two-dimensional motion, so that **immediate** learning can take place with the next topic: Forces.