

AP Physics 2016-2017 School Year

Summer Assignment

All enrolled students are responsible for completing the following assignment due upon return from summer vacation. This may be brand new material for many of you, so you may want to begin early. Questions must be answered in complete sentences, and most problems should include sketches as part of the solution.

Book: Wilson, Buffa, Lou - Physics, Seventh Edition

Chapter 1 – Read the entire chapter and answer the following:

Multiple Choice Questions: 3, 5, 6, 7, 8, 9, 10, 11, 13

Conceptual Questions: 2, 6, 8, 9, 13

Exercises: 5, 8, 18, 27, 33, 61, 75

Chapter 2 - Read the entire chapter and answer the following:

Multiple Choice Questions: 1, 2, 4, and 6-20 excluding #15

Conceptual Questions: 16, 17, 19

Exercises: 7, 15, 23, 31, 33, 55

Answer the questions in full, with detailed, annotated solutions.

During the year, detailed solutions to your assignments will be made available to you, but it will be solely your responsibility to ensure complete mastery of the material. We will not always have the luxury of reviewing homework solutions in class.

Have no doubt that this will be an extremely challenging course. Persistence will be a great ally. Be assured that I will do all that I can to help you succeed. Enjoy your summer and I look forward to seeing you next year.

Mr. Eisner