This assignment has 3 basic parts: Enroll in Mastering Physics, do the on-line “HW #1” assignment, and do the pencil-and-paper problems below.

Enroll in Mastering Physics.
First, you will need a “Student Access Kit”. If you bought your text at Lafayette’s bookstore, you should have received the kit with the text. If you do not have a kit, you can purchase one either through the bookstore, or on-line at http://www.masteringphysics.com. Be sure to click on the right textbook—we are using Young/Freedman’s University Physics 11/e.

Once you have your kit, you can register online at http://www.masteringphysics.com. When asked to provide a College ID, please use your Lafayette e-mail ID, e.g. something like smithaj. Do not use your “L-number.”

One you have registered, you can log in at the Mastering Physics web site and enroll yourself in this course. The course ID is MPDOUGHERTY0006.

Do “HW #1.”
The first part of this assignment is intended to help introduce you to the system, including the ways to enter mathematical expressions. It is worthwhile to go through it. The first four problems are for practice (i.e. they don’t count) but you should try them. You will get more out of the system and ultimately save yourself time and avoid frustration if you invest a little time now.

The last three problems are the graded physics problems for this week. They count, so don’t skip them.

Do the Pencil-and-Paper problems.
Do the following problems: Chapter 1: 1.70, and 1.76.
Please write neatly and show your work clearly. Staple your pages together.

Grading.
Problems will normally be weighted in the following way: Exercises (such as #1.36 on-line) count for 10 points each. Problems (such as 1.70 and 1.76) count for 20 points each.

Academic Honesty
You may use, without proof, any results from your text by simply quoting the result and giving the reference (e.g. equation number or page number). You should understand how that result was obtained, but you need not transcribe the derivation.

If you get bogged down with any of the problems, do not hesitate to discuss them with me or with a fellow student. However, if you discuss a problem with anyone (besides me) you should acknowledge that collaboration. Please see the Academic Honesty policy for more information about appropriate and inappropriate collaboration.