

PHY122

Textbooks:

“Physics,” 5th edition by Resnick, Halliday, and Krane (Published by Wiley). The university book store has the correct book in stock; plenty of used and new books.

McDermott, Shaffer, et. al., Tutorials in Introductory Physics, First Edition. Prentice Hall, Inc. 2002 (the teal colored one). Some extra tutorials (i.e. not in the book) will be handed out in tutorial.

The 122 Lab manual (you can get it from the copy center in the Communications).

Lab & Tutorial:

The lab and tutorial sections make up key components of this course. You must be registered for both. If you have not, you will get a 0.0 for the lecture.

Pretests:

There will be weekly short pretests, administered over the web. These are intended to start you thinking about the concepts that will be addressed in tutorial later in the week. Pretest questions will be posted in tutorial. Pretests will not be graded. Completion of these tests will, however, be a factor in determining your final grade. See the link at the top of these pages to get to the pretest page.

Homework:

There are two types of homework: computer graded and hand graded. All homework will be assigned each Wednesday, and the computer graded homework will be due the following Wednesday at 11pm. The hand graded homework is due in class, the following Wednesday. In the case of the computer graded homework, you have the option of turning it in at 9am on Thursday for 70% credit. The handwritten homework can only be turned in in-class. The computer graded homework uses the Tycho system, which allows you to make as many attempts as you like at getting the homework problems correct. Again, see the homework link at the top of the page.

Exams:

There will be three one-hour midterm exams and one two-hour final exam. The exam will be comprised of material from the lecture, lab, and tutorial portions of the course, with about 80% weighting on the lecture material. The midterm exams will cover the material from the two or three weeks prior to the week of the exam but may include earlier material as well. The final exam will be comprehensive, and include questions from all portions of the course. All exams will be closed book with one double-sided 8.5" by 11" sheet of notes allowed (the final will allow two). The lowest midterm score for each student will be dropped. A grade of 0.0 will be assigned to students who do not take the final exam or miss two midterms. There will be no make-up exams.

Exam Re-grades:

If you believe that there is an addition error on your examination or if there is a serious error in the grading, you may return an exam for re-grading. To do so, you must resubmit the exam at the beginning of the lecture following the one in which the exams are returned. You must attach a note to the front of the exam explaining the possible error in the original grading (a form is available on the web). Do not make any changes or marks on the original exam. Portions of each exam are photocopied.

You should be aware that any request for a re-grade may result in a re-grading of the entire question. Therefore your total score may decrease.

Clicker:

We will have in class questions using the Orange Clickers (with the A, B, C, D, and E). You can pick one up at the bookstore, borrow one from your friends (as long as they aren't in our class too!). The clicker responses will factor into your course grade. Overall they are worth 2% of the grade. You'll get 75% for trying to answer, and 100% for getting the question right. It is expected that on average about 2 clicker questions will be asked each lecture. However, these questions won't start counting until the second week of the course.

Course Grade:

See the common grading policy page for how the course grade will be assigned.