

- Instructors: Prof. Paula Heron (Lecture) C208 Physics & Astronomy Building
pheron@phys.washington.edu 543-3894
- Prof. L.C. McDermott and C208 Physics & Astronomy Building
Prof. P. Shaffer (Tutorials) 685-2046
- Lectures: MWF 10:30 – 11:20 am, A102 Physics & Astronomy Building
- Tutorials: Participation is required; locations and times of individual sections are listed in the Time Schedule. You must be present at the first tutorial meeting or you may be dropped from the course. If you are not yet enrolled, go to any tutorial section that is associated with your lecture section. If there is space, you can complete the first tutorial and get into the section; if not, try another section.
- Laboratory (Physics 133): You must take the lab course, Physics 133, simultaneously with this course. You must be present at the first laboratory meeting or you may be dropped from this course. If you are not yet enrolled, go to any lab section. If there is space, you can do the first experiment and get into the lab; if not, try another section. The instructors for Physics 133 are:
- Prof. Adelberger C533 Physics & Astronomy Building
eric@phys.washington.edu 543-0839
- Prof. Wilkerson B472 Physics & Astronomy Building
jfw@phys.washington.edu 685-9061
- Textbooks: Resnick, Halliday & Krane, *Physics*, 4th ed. Volumes 1 and 2
McDermott, Shaffer, *et. al.*, *Tutorials in Introductory Physics*, Preliminary Edition
- The lab manual is printed by ASUW Publishing in the Student Activities Building (the HUB). You should purchase the lab manual during the first week of classes.
- Study Center: Teaching assistants will be available for consultation in the Physics Study Center located in Room AM018. (To reach the Physics Study Center, go down the stairs that circle around the Foucault pendulum and proceed toward the end of the hall.) The Study Center is staffed from approximately 9:30 a.m. to 4:30 p.m. on weekdays.
- Office hours (Prof. Heron): Wed. & Thurs. 1:30 – 2:20 pm, in the Physics Study Center, or by appointment.
- Pretests: There will be weekly short pretests that will be administered via 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. Completion of these tests will be a factor in determining your final grade.
- Homework: 1) Homework problems will be posted on the course website each Wednesday and due at the BEGINNING of lecture the following Wednesday. Assignments will be graded and returned to you in tutorial the next week. Solutions will be posted on the course web page on the afternoon of the day the assignment is due.
- 2) Tutorial homework will be assigned and collected in the tutorial sessions. One problem from each assignment will be graded in detail.
- 3) There may be computer projects assigned either in lecture or tutorial. Computers are available in the Physics Study Center from 8:30 a.m. – 5:20 p.m. each day and at various other locations around campus.

- Exams: There will be three one-hour midterm exams and a two-hour final exam. Approximately half of each exam will be based on material emphasized in the tutorials and in the laboratory. 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. All exams will be closed book with one double-sided 8.5" by 11" sheet of notes allowed. 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.
- Regrades: 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 regrading. 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 will be 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 regrade may result in a regrading of the entire question. Therefore your total score may decrease.
- Course grade: You will receive the same grade for Physics 123 and Physics 133. The two courses are components of a single integrated course that consists of lecture, tutorial, and laboratory. Your final course grade will be calculated with the following relative weightings: 70% for the two best hour exams and the final exam, 10% for lecture homework, 10% for the tutorial grade, and 10% for the laboratory grade. Requirements for successful completion of the laboratory course are described in the lab manual. Failure to meet these requirements can result in either subtraction of 0.5 from your grades in *both* Physics 132 and Physics 122 or a grade of 0.0 for both courses. If you find it necessary to withdraw from the course, you must drop *both* Physics 123 and Physics 133 or you will receive a 0.0 for the course in which you are still enrolled.