

## Physics 202 - General Physics - Spring 1998

### Prerequisites:

Physics 201 or equivalent.

### Materials Needed:

- Text: R. A. Serway, *Physics for Scientists and Engineers*, 4<sup>th</sup> ed.
- Laboratory Manual: Rollifson and Richards, *Laboratory Experiments in General Physics*, 1997 edition.
- Laboratory notebook: Spiral bound, preferably with 5 or 6 mm cross-hatched ruling. Bring to first lab.
- Calculator: trigonometric, exponential, and logarithmic functions. Know its use and bring it charged to exams.

### Lectures:

The lectures are to supplement, not substitute for, reading and studying the text. They will be shared by Profs: Wesley Smith (4275 Chamberlin, 262-4690, [wsmith@wishep.physics.wisc.edu](mailto:wsmith@wishep.physics.wisc.edu)) and Tao Han (5289 Chamberlin, 262-2865, [han@pheno.physics.wisc.edu](mailto:han@pheno.physics.wisc.edu)).

### Laboratory:

Follow the "General Instructions" in the laboratory manual (pages 1-3). The experiments are to be written up during the laboratory period in the lab notebook. The lab notebook is not to be taken from the laboratory. **YOU MUST COMPLETE AT LEAST 10 OF THE 11 LABORATORY ASSIGNMENTS IN ORDER TO RECEIVE CREDIT FOR THE COURSE.** You must get written permission from *only your* lab TA to take a make-up lab. Make-up time is given for the labs covered in each exam period during the week of the exam only.

### Homework:

The homework problems are assigned in the syllabus for each week and should be handed in at the first meeting of your discussion section after the week of the assignment. Homework will count toward your grade. Feel free to discuss the homework with others. The solutions will be explained in discussion section and available in the Physics Library.

### Discussion Section:

There will be a weekly 10-minute quiz consisting of a problem similar to one of the assigned homework problems.

### Office Hours:

Teaching Assistants will have office hours in the consultation room (4280 Chamberlin Hall). You may go to the office hours of any TA. Profs. Smith and Han will have office hours from 11 am to noon, Tuesday and Thursday or by appointment.

### Electronic Aids:

All of the instructors are available by e-mail, and there is an e-mail list for the entire class that will occasionally be used for important announcements. The course has a home page on the World Wide Web where you will find course information and useful links, including sample examinations, at <http://hep.physics.wisc.edu/wsmith/p202/p202syl.html>

### Honors Credit:

The course may be taken for honors credit. Honors students are required to attend regularly an additional lecture on Fridays at 8:50 am in 1300 Sterling. Attendance will be taken.

### Examinations:



| R 7 | Review | |  
| R 14 | FINAL EXAM 7:25 PM on Chapters 16-18,23-38. <<<<<<<