

## Syllabus

### Course Websites

The physics department PHY2053 website at

<http://www.phys.ufl.edu/courses/phy2053/sum12/>

will contain the course schedule, announcements, exam room assignments, and assigned homework problems. The University of Florida Sakai e-Learning PHY2053 website at

<https://lss.at.ufl.edu/>

will contain quiz grades, exam grades, and exam answers. The PHY2053 WebAssign website at

<http://www.webassign.net>

is where you do the on-line homework. Your username, institution code, and initial password will be emailed to you.

### Course Instructor

Mr. Charles Parks – Phone 392-0516, email: [parks@phys.ufl.edu](mailto:parks@phys.ufl.edu), Office NPB 1227A.

### Textbook

*Physics, Volume One, 2<sup>nd</sup> Edition*, Authors: Giambattista, Richardson, and Richardson, published by McGraw-Hill. The course will include all the material from Chapter 1 through Chapter 12. The text includes a code used for the required on-line homework graded through WebAssign.

### WebAssign Homework

Homework will be collected through the WebAssign system. The problems and their due dates will be posted on the course website. No homework grades will be dropped.

Homework is vital to your success in this class. You should attempt more than just the assigned problems

### In Class Quizzes

There will be a series of handwritten quizzes given in lecture throughout the semester. The question will be on a topic scheduled for an earlier lecture. No formula sheets or notes will be allowed on a quiz. The lowest 10% of the grades will be dropped. Because grades will be dropped, no make-up quizzes will be given.

### Discussion Quizzes

There will be a series of handwritten quizzes given in your discussion sections. Again no formula sheets or notes will be allowed on a quiz. The lowest 20% of the grades will be dropped. Again, no make-ups will be given.

### Examinations

There will be three mid-term exams and a comprehensive final. You can bring any information you can write on notebook size sheet of paper to a mid-term exam. This can include equations, problem solving strategies, and sample problems. The information must be handwritten.

If you have an average of B+ or higher on the three mid-term exams, you do not have to take the final exam. You can bring three formula sheets to the final.

**Exam Schedule**

Mid-term 1	Tuesday June 12	Chapters 1-5
Mid-term 2	Wednesday July 18	Chapters 6-9
Mid-term 3	Friday August 3	Chapters 10-12
Make-ups*	Tuesday August 7	
Final exam	Thursday August 9	Chapters 1-12

\*Provided only for exams missed for a documented reason. Any documentation must be verifiable. For example, a doctor’s note must have a telephone number.

**HITT Bonus**

There will be a series of short quizzes on the topic of that day’s lecture using the HITT clicker system. You will receive 5 points for a correct answer, 2 points for an incorrect answer, and 0 points for missing the quiz. Since HITT quizzes are extra credit, no make-up quizzes will be given and none of the quizzes will be dropped. Registration of clickers and other HITT related information is at

<http://www.phys.ufl.edu/~hitt/>

**Example percentage drop calculation**

In several places above, a percentage of your grades will be dropped. Here is an example of how it will work.

Suppose you have 10 quizzes in discussion and the bottom 20% are dropped. That will be a total of 50 points possible from quizzes. Dropping 20% means that your discussion quiz grade will be out of  $50 - (0.20)(50) = 40$  points. If you have a total of 35 points from your discussion quizzes, you would receive  $(35/40)(10) = 8.75 = 9$  points. Normal rounding rules will be applied. A score of 7.4 rounds to 7 and 7.5 rounds to 8. You cannot receive more than the maximum points for any portion of the course.

**Grading**

<b>Assignment</b>	<b>Max Points</b>
Highest mid-term exam	20
Mid-term exam	15
Mid-term exam	15
Final exam*	15
Discussion quizzes	10
WebAssign homework	15
Lecture quizzes	10
HITT bonus	5
<b>Total points</b>	<b>105</b>

\*Students with a B+ average or higher on the 3 mid-term exams can choose not to take the final exam.

### Grading scale

Final grades will be determined by a fixed grading scale. No grading curve will be employed. The overall scale is based on a total of 100 points with HITT quizzes adding an additional 5 points bonus. You cannot get more than 100 points.

If a student is eligible to skip the final exam and does not take the final, the grade will be determined as a percentage out of 85 points.

Grade	Percentage	Grade	Percentage
A	≥90%	C	≥66%
A-	≥86%	C-	≥62%
B+	≥82%	D+	≥58%
B	≥78%	D	≥54%
B-	≥74%	D-	≥50%
C+	≥70%	E	≤50%

### Honor code

The UF Honor Code applies to all aspects of this course. It is required that you report any possible infractions to the instructor immediately. Violations will be prosecuted to the fullest extent.

### Students with disabilities

Students requesting classroom accommodation for disabilities must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. Tests will be administered at the Accommodated Testing Center by the Disability Resource Center.

### How to succeed

This should be obvious.

- Come to class.
  - Skipping lecture and discussion will hurt your education. Physics is hard to learn on your own. Skipping will also cost you quiz points.
- Come to class prepared.
  - Read the book before coming to class. Review your notes from the last class.
- Read the book and work through the examples.
  - The book is the primary teaching tool. Don't just use your book for the homework problems.
- If you are having trouble, get help.
  - Go to office hours or seek outside help. It is very hard to catch up once you get behind in this course.
- Try to do a little physics everyday.
  - Trying to learn all the physics just before an exam is a bad idea. It never worked for me.