Course Websites
The physics department PHY2053 website at
http://www.phys.ufl.edu/courses/phy2053/sum14/
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 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. Using clickers is summarized on the physics website at
www.phys.ufl.edu/~hitt

Course Instructor
Mr. Charles Parks – Phone 392-0516, email:parks@phys.ufl.edu, Office NPB 1227A.

Textbook
Physics, Volume One, 2nd 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. The lowest 10% of grades will be dropped.
Homework is vital to your success in this class. You should attempt more than just the
assigned problems

Sakai Assignments
There will be a series of assignments given through Sakai. Questions will be taken from the
textbook and lectures. The lowest 10% of the grades will be dropped. Because grades will be
dropped, no make-ups will be given.

Discussion Quizzes
There will be a series of handwritten quizzes given in your discussion sections. No formula
sheets or notes will be allowed on a quiz.
Quizzes will be given in the Thursday or Friday meeting during weeks without an exam. If
you miss a quiz, you have two weeks to complete the make-up. A total of 3 make-up quizzes
will be allowed.

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  Wednesday June 11  Chapters 1-5
Mid-term 2  Wednesday July 9  Chapters 6-8
Mid-term 3  Friday August 1  Chapters 9-12
Make-ups*  Tuesday August 5
Final exam  Thursday August 7  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.

Hyper-interactive Teaching Technology (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 smart devices and 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 there are 100 homework problems assigned and the bottom 10% are dropped. That will be a total of 100 points possible from homework. Dropping 10% means that your grade will be out of $100 - (0.10)(100) = 90$ points. If you have a total of 80 points from your homework, you would receive $(80/90)(15) = 13.33$ points. Normal rounding rules will be applied. A score of 13.33 rounds to 13.3 and 13.35 rounds to 13.4.

You cannot receive more than the maximum points for any portion of the course.

Grading

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Max Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highest mid-term exam</td>
<td>20</td>
</tr>
<tr>
<td>Mid-term exam</td>
<td>15</td>
</tr>
<tr>
<td>Mid-term exam</td>
<td>15</td>
</tr>
<tr>
<td>Final exam*</td>
<td>15</td>
</tr>
<tr>
<td>Discussion quizzes</td>
<td>10</td>
</tr>
<tr>
<td>WebAssign homework</td>
<td>15</td>
</tr>
<tr>
<td>Sakai assignments</td>
<td>10</td>
</tr>
<tr>
<td>HITT bonus</td>
<td>5</td>
</tr>
<tr>
<td>Total points</td>
<td>105</td>
</tr>
</tbody>
</table>

*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.
<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>≥90%</td>
<td>C</td>
<td>≥66%</td>
</tr>
<tr>
<td>A−</td>
<td>≥86%</td>
<td>C−</td>
<td>≥62%</td>
</tr>
<tr>
<td>B+</td>
<td>≥82%</td>
<td>D+</td>
<td>≥58%</td>
</tr>
<tr>
<td>B</td>
<td>≥78%</td>
<td>D</td>
<td>≥54%</td>
</tr>
<tr>
<td>B−</td>
<td>≥74%</td>
<td>D−</td>
<td>≥50%</td>
</tr>
<tr>
<td>C+</td>
<td>≥70%</td>
<td>E</td>
<td></td>
</tr>
</tbody>
</table>

**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 every day.
  - Trying to learn all the physics just before an exam is a bad idea. It never worked for me.