Pre/co requisites:

You should have completed MATH 151 and be currently enrolled in MATH 152. You should have also completed a semester of Mechanics (Physics 218 or the equivalent). Students are expected to have a working knowledge of plane and solid geometry, trigonometry, algebra, vectors, differentiation and integration.

Contact Information/Office Hours:

Office: MIST 224  
Phone: 845-4012  
email: webb@physics.tamu.edu  
Office Hours: Tuesday, Wednesday and Thursday from 2-4 pm or by appointment.

Textbooks:


Course Web Site:

http://faculty.physics.tamu.edu/webb/PHYS_208.html

Recitation and Lab:

Recitations meet in 334 Mitchell Physics Building for the first hour, and then proceed to the lab (either MP 211 or 212), as indicated by the recitation instructor, for the Laboratory during the next two hours. Note: there will be no lab or recitation meetings during the first week of classes. Retaking the Course: Students retaking the course should notify the instructor, to get credit for any lab previously completed. Note: students retaking the course must attend the weekly recitation and take the weekly quizzes.

Recitation/Homework:

The homework grade will be taken from your work on Mastering Physics. The course ID that you need to claim on the Mastering Physics website is MPWEBB98999. (See the attached handouts for further directions on how to enroll in the Mastering Physics class site and for the list of homework problems that have been assigned.) Recitation is a problem solving session, where the recitation instructor will work problems and answer questions. During the semester 11
weekly quizzes will be given in recitation. Each will test your ability to work one of the
assigned homework problems or a similar problem from the text.

**Exams:**

**Exams are designed for 60 minutes duration.** Each exam will generally consist of problems
similar in content and difficulty to the homework. Some of these problems will be essay type
and the entire solution will be graded and partial credit given for partially correct solutions. For
these your work must be shown – the answer alone is not sufficient. We will judge your use of
physics in arriving at the solution! You can expect at least 1 problem to be something you have
not seen, but that can be worked with the material presented in the course. Some problems may
be multiple choice.

You will be supplied with a standard formula sheet attached to each exam. To assist you with
your preparation for these exams, a copy of a standard sheet will be available on the General
Physics 208 web site (see address above).

You may also bring calculators to the exams, however, if you have a programmable type
calculator, you will be asked to clear its memory before beginning the exam.

If you miss an exam due to an excused absence as outlined in the University Regulations, you
must contact me no later than the next class meeting following the missed exam to arrange to
make up this work.

The Final Exam is comprehensive and lasts for 2 hours. It will consist of problems similar in
content and difficulty to those seen in other exams.

Also, you need to bring your student ID with you to all exams for identification purposes.

**Grades:**

Your course grade will be calculated using the following points:

<table>
<thead>
<tr>
<th></th>
<th>Points</th>
</tr>
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<tbody>
<tr>
<td>3 EXAMS</td>
<td>300</td>
</tr>
<tr>
<td>FINAL EXAM</td>
<td>200</td>
</tr>
<tr>
<td>LABORATORY</td>
<td>50</td>
</tr>
<tr>
<td>RECITATION</td>
<td>100</td>
</tr>
<tr>
<td>HOMEWORK</td>
<td>50</td>
</tr>
<tr>
<td><strong>TOTAL POINTS</strong></td>
<td><strong>700</strong></td>
</tr>
</tbody>
</table>

To pass the course you must have a passing grade on the Final Exam in additional to a
passing average grade.
SPECIAL NOTES:

ADA Statement

The Americans with Disabilities Act (ADA) is a federal antidiscrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring accommodation, please contact the Department of Student Life Services for Students with Disabilities in Cain Hall, Room B118 or call 845-1637. For additional information visit http://disability.tamu.edu.

Aggie Honor Code

“An Aggie does not lie, cheat, or steal or tolerate those that do.” The university has instituted several penalties for students involved in scholastic dishonesty, including plagiarism. For more information, go to Honor Council Rules and Procedures on the web: http://aggiehonor.tamu.edu.