SP 211 Course Policy Statement

SECTIONS 8131 (TR8 & W12) and 0531 (TR10 & W56)

Instructor: Prof. Debora Katz
Office Location: Chauvenet 256B
Office Phone: 410-293-6656
Home Phone: 410-990-4789 (Sun.-Fri. 0730-2200)
Email: dkatz
Office Hours (EI): After class TR, and 3 & 4 TWR.
Please make an arrangement with me before coming to EI

Text: Fundamentals of Physics 10th Ed. by Halliday, Resnick and Walker

Group Work:
• You have been assigned to an Active Learning Group.
• You will work on several laboratories, and problems together.
• In addition, this is a working group who will offer feedback and assistance on the individual term projects.

Class participation: The course structure is a flipped classroom. Each student must be an active participate. Bring your textbook and calculator to each class. You are expected to read the textbook before class. Take notes on your reading. Come to class prepared to discuss the most important points. We will discuss the reading and work on problems in groups in class. You will be graded on your class participation and readiness.

Reading notes and question (10% of daily quiz):
To ensure you are ready for the classroom discussion, you will take notes on your reading. Your notes may be handwritten or typed. You may use any type of paper or notebook you choose.
• Your notes must be clearly labeled with the section number from the text as well as the date. Your notes do not need to include every detail from the reading, but should include all major concepts and equations.
• Come up with at least one question from the reading. Write your question into your notes. Be sure the question is labeled and easily found in your notes.
• At the beginning of class, discuss the notes with your group. Try to answer each person’s question.
• Evaluate the effort made by each group member on a 10 point scale. I will ask you to report these scores and they will become part of the individual’s quiz score.

Tests: There will NO in-class tests.

Term Project
• You are to write a question and answer it using the physics in SP211. Further instructions will be given.
• This project will count as an individual grade.
• You will also receive the average of your group’s grade.

Homework/Quizzes:
• Working problems is an important part of learning physics.
• You are in the best position to judge what you need to do outside of class to master the material.
• I have assigned problems from each chapter (see syllabus). You will work many of these problems in classroom in your group.
• You will have a daily quiz that will come from the assigned reading, problems and classroom material.
• 10% of each quiz comes from your reading notes.
• Like the term project, you will receive a group and individual score.
• No make-up quizzes will be offered, but you will not be penalized for missing a quiz due to a legitimate excusal entered into MIDS.

Extra Credit:
1. You may earn up to 25 points by redoing the problem portion of the quiz by the date indicated on the syllabus. You must turn in your original quiz as well as your new solution.
2. Your group may earn extra credit group points by meeting outside of class to study. You must fill in the group study extra credit form by the date indicated on the syllabus to receive these points.
3. Your group may earn 1 extra credit point for each problem correctly completed in class.
Curving: You are not in competition with your classmates. In the event that the average on a marking period is below 70%, I will curve the scores such that the average is at least 70%. I am not permitted to curve the final exam grades.

Suggestions for earning a good grade:
• Study physics 4 to 8 hours each week.
• Keep up with the assigned reading. Read the material before class
• Keep up with the problems. Check the solutions.
• Meet with your group outside of class weekly.
• Go to MGSP.
• Bring a positive attitude to class.
• Get EI as soon as you need it; do not wait until the day before a test. Come prepared for EI.
• Learn the concepts. It won't help to just memorize formulas.

Grading (6 and 12 Weekers):

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group Work (Group scores)</td>
<td>30%</td>
</tr>
<tr>
<td>Individual Quiz Scores</td>
<td>70%</td>
</tr>
</tbody>
</table>

Grading (16 Weeker):

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group Work</td>
<td>20%</td>
</tr>
<tr>
<td>Individual Quiz Scores</td>
<td>40%</td>
</tr>
<tr>
<td>Individual Term Project</td>
<td>40%</td>
</tr>
</tbody>
</table>

Final Grade:

\[
70\% \times (\text{16 weeker}) + 30\% \times (\text{Final Exam}) + / - (\text{Up to 2% Subjective Points})
\]

There is one exceptions to this formula:
If you score an A on the final exam you will receive an A for the course no matter what grade you have when you go into the final.

Letter Grades: The thresholds below will be used to determine your letter grades:
- A: 90 - 100%
- B: 80 - 89%
- C: 70 - 79%
- D: 60 - 69%
- F: < 60%

Grievances/Regrades:
• I am happy to regrade any of your work.
• Please submit your work along with a written grievance within 24 hours after I have returned the material to you.
• I will not accept verbal communications regarding grades.
• You may email your grievance.
• If the grievance involves group work, all the members of the group must submit the grievance.

Disruptions:
Class time is valuable. If you disrupt class or sleep in class, you will be asked to leave and reported absent.

Absences:
You are responsible for all the work you miss. See me ASAP.

The following applies to ALL sections of SP211/212: Students are forbidden to use or possess any instructor's solutions manual, in any form, for any textbook for which Halliday, Resnick or Walker is an author.