Instructor: Jin Yu, PhD  
https://www.physics.uci.edu/jin-yu  
jin.yu@uci.edu  
Office Hour: Mon/Wed 1:00-1:40 pm (online or in office)  
Lectures: MWF  2:00 PM - 2:50 PM (EH 1200)  (Mar 28 Mon – Jun 3 Fri)  
Final Exam: TBA

**Discussion Sections:** All sections are held on Tues from 9 am to 7 pm; one must be enrolled.


**Homework:** There are two components:
1. The first component uses Modified Mastering Physics for online homework. This component is worth 15% of the final grade. Due weekly Sun 11:59 pm by default.

Information about Mastering Physics is available at https://www.pearson.com/mastering. Mastering Physics is a commercial program, and you will need to pay for access to the program, unless you already paid for it when you took physics 3A, 3B, or if you already used mastering physics for this same textbook at another college in the last 2 years. Read carefully the instructions posted on the course website for registering with Modified Mastering Physics. The modified mastering physics Course ID for this course is yu30881. You may start registering yourselves in Modified Mastering Physics on March 6th (to June 30th): https://registration.mypearson.com/#enrollment/yu30881

2. The second component of the homework consists of a conventional set of problems. Your solutions to these suggested problems will NOT be collected. Students are expected to do the homework in a timely manner. Solutions to these suggested problems are posted on the course website.

*No student will be given an extension on the online homework due date!*

“Quizzes”: There will be 4 quizzes given during discussion sections. The quizzes are worth 10% of the final course letter grade. The quizzes will be given during discussion sections, on Tues, Apr. 5th (week 2), Apr. 19th (week 4), May 17th (week 8), and May. 31st (week 10). Grading is on a 0-4 scale:

- 4 = all steps clearly written with correct answer
- 3 = all steps clearly written, but with a minor algebra mistake or calculator mistake
- 1 = wrong answer resulting from applying concept incorrectly
- 0 = essentially all wrong
**Midterm Exam:** There will be one midterm examination given. It will be given during lecture time on **Wed, May 4th** (week 6). The midterm exam is worth 35% of the final course letter grade. The examination will be closed book and closed notes. Some formulas and values of fundamental constants will be provided.

**Final Exam:** A comprehensive final exam will be given on **TBA.** The final exam is worth 40% of the final course letter grade. The final exam will be closed book and closed notes. Formulas will be provided. If you miss the final exam for a “good reason” AND you are in “good standing” in the course, you will have to take the make-up final exam the NEXT time that Physics 3C is offered.

The course grade will be determined as follows:
- 15% Online Homework
- 10% Quizzes in Discussion sections
- 35% Midterm Exam
- 40% Final Exam

The following approximate grade distribution can be expected:
- A’s 20-30%
- B’s 30-40%
- C’s 10-20%
- D’s and F’s 10-20%

**Academic Dishonesty:** Anyone who gets caught cheating in any of the exams will automatically receive a letter grade of F in the course.

**Disabilities:** Students should consult with the Disability Services Center if they feel some accommodation is needed. The center will notify all your professors what the problem is and how the midterm exam, final exam, and possible other difficulties might be handled.

**Tentative Schedule and suggested Problems (subject to change)**

<table>
<thead>
<tr>
<th>Week</th>
<th>Chapter</th>
<th>Suggested Problems (including Assignments on Mastering)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>14</td>
<td><strong>P14:</strong> 3,6,7,13,17,25,27,28,30,32,39,41,43,47, 86,92</td>
</tr>
<tr>
<td>2 Quiz Tues</td>
<td>15</td>
<td><strong>P15:</strong> 1,4,6,10,15,21,24,43,44,46,48,65</td>
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<tr>
<td>3</td>
<td>16</td>
<td><strong>P16:</strong> 1,3,7,10,14,15,18,19,34,36,37, 53,55,61,62,65,66,90,104</td>
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<tr>
<td>4 Quiz Tues</td>
<td>31</td>
<td><strong>P31:</strong> 8,10,11,15,17,18,20,26,29,30,39,44,48,49,53,56</td>
</tr>
<tr>
<td>5</td>
<td>32</td>
<td><strong>P32:</strong> 11,12,14,23,26, 32,34,36,38,39,42,43,45, 47,52,53,54,57,59,74</td>
</tr>
<tr>
<td>6 Midterm Wed</td>
<td>33</td>
<td><strong>P33:</strong> 2,3,6,14,21,24, 29,31</td>
</tr>
<tr>
<td>7</td>
<td>34</td>
<td><strong>P34:</strong> 2,4,5,6,8,12,15,23,25,27,29,31</td>
</tr>
<tr>
<td>8 Quiz Tues</td>
<td>35</td>
<td><strong>P35:</strong> 1,2,3,4,7,11,24,25,27,30,33,36,49,50</td>
</tr>
<tr>
<td>9</td>
<td>37</td>
<td><strong>P37:</strong> 1,2,4,7,10,11,14,15,17,21,28,30,32,40,47,54,55,59,62,65,69</td>
</tr>
<tr>
<td>10 Quiz Tues</td>
<td>Review or more</td>
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