Physics 204 — Summer 2013
M, W, Th 1:00-3:20 pm (CRN#41759)

Instructor: Art Peck: e-mail: pecka@uoregon.edu
Office Hours: 12:00 – 1:00 on lab days, in the lab room (13 Willamette)
Chris Jackson: e-mail: omgphysics@gmail.com Office Hours: 12:00 – 1:00 Tu, Th, F and 4:00 – 5:00 Tu, F or by appointment (Rm 218 Willamette)

Pre/Co-requisite: PHYS 201 or 251

Course Workbook: RealTime Physics Module 1: Mechanics by Sokoloff, et al.

Preparation for Lab: You should read through the day’s lab(s) in the manual before coming to class. A pre-lab exercise sheet, included with your lab workbook, is due each meeting at the start of your lab. This sheet will help you organize your understanding of the goals and procedures for the lab. Each pre-lab is worth 2 points toward your grade for the lab.

Work in the Lab: It is expected that you will complete all lab work during the laboratory period. Don’t plan to leave the lab until you have shown your instructor the completed lab sheets with all questions answered completely. It is to your advantage to complete your lab write-up and homework questions during or just after your lab section, when what transpired is still fresh in your mind, and your lab partners and instructor are available to answer questions.

Lab Homework: Completed lab sheets and homework are due the following day by 1:00 PM. You will lose points if they are turned in late. Turn in your completed lab sheets and homework in the green box outside of room 15 Willamette.

Grading: Grades will be based on lab sheets, homework, and the laboratory final. You must attend and complete all labs, or you will receive a failing grade for the course. The relative weights will be as follows:

- Pre-Lab sheets (2 points each) 16 points
- Lab Sheets (6 points each) 42 points
- Homework (20 points each) 140 points
- Rocket Lab Write-Up (26 points) 26 points
- Laboratory final 100 points
- Total possible 324 points

Final Exam: A written final exam will be given on Wednesday, July 17th (see Laboratory Schedule). This is where you will demonstrate your mastery of the material we have covered. It is worth about 30% of your grade.

Lab Make-up Policy: To receive a passing grade in the course, you must complete all labs. You are expected to attend each scheduled lab. If, for some very important reason, you must miss a lab, make arrangements with the instructor as soon as you know of the conflict. Students missing more than one lab may not receive credit for the course.
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<tbody>
<tr>
<td>June 23</td>
<td>24</td>
<td>25</td>
<td>26 Lab 2 Changing Motion</td>
<td>27 Lab 3 &amp; 5 Force, Mass, and Acceleration (Do both pre-labs)</td>
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<td>30</td>
<td>July 1</td>
<td>2</td>
<td>3 Rocket Lab (handout) (weather permitting)</td>
<td>4 4th of July holiday No school</td>
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<td>7</td>
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<td>9</td>
<td>10 Lab 9 Newton’s Third Law and Momentum Conservation</td>
<td>11 Lab 11 and 12 Work and Energy (Do both pre-lab sheets)</td>
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<td>14</td>
<td>15 No Lab</td>
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<td>17 Lab Final Exam 2:00 in rm 100</td>
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