Tentative Syllabus
Physics 211: University Physics
Fall Semester 2004

Place: Sci 206

Time: Section 100 2:30 PM to 4:00 PM Monday

Instructor: Dr. Stuart Snyder
Office: Sci 203
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Office Hours: 9:00-1:00 Tu and by arrangement.

Text: A packet containing the laboratory exercises is available in the bookstore.

Course Description: This course is designed to provide students with laboratory exercises that complement and reinforce concepts of physics studied in lecture. It is obviously a “hands on” course, and all students are expected to participate actively in the laboratory exercises.

Tentative Lab Schedule:

<table>
<thead>
<tr>
<th>Lab</th>
<th>Title</th>
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<tbody>
<tr>
<td>1</td>
<td>Constant Acceleration</td>
</tr>
<tr>
<td>2</td>
<td>Projectile Motion</td>
</tr>
<tr>
<td>3</td>
<td>Inclined Plane</td>
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<tr>
<td>4</td>
<td>Uniform Circular Motion</td>
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<tr>
<td>5</td>
<td>Conservation of Energy</td>
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<tr>
<td>6</td>
<td>Simple Harmonic Motion</td>
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<tr>
<td>7</td>
<td>The Simple Pendulum</td>
</tr>
<tr>
<td>8</td>
<td>Standing Waves</td>
</tr>
<tr>
<td>9</td>
<td>Archimedes’ Principle</td>
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Note: We will not have class during those weeks in which exams in the lecture course are scheduled.
Laboratory Preparation:

1. Read the laboratory handout prior to the lab session.

2. Lab reports are due at the end of the lab session.

3. Each lab shall have a front sheet with the following information:
   
   Name and Number of the Lab
   Prepared by:
   Lab Partner:
   Date:
   Section Number:

**Assessment:** Labs are worth 10 points. Late labs will be docked 10 – 25% unless prior arrangements have been made. Missing 4 or more labs will result in a failing grade. A missed lab session can be made up. Call to make prior arrangements if a lab is going to be missed.

The grading scale is:

- 90% to 100%  A
- 80% to 89%  B
- 70% to 79%  C
- 60% to 69%  D
- less than 60%  F