Place: Sci 206

Time: Section 100  8:40 to 10:10 Th
      Section 101  10:30 to 12:00 Th
      Section 102  2:00 to 3:30 Th

Instructor: Dr. Stuart Snyder
            Office: Sci 203
            Office Telephone: 657-2190
            Department Telephone: 657-2031
            Email: ssnyder@msubillings.edu
            Office Hours: 9:00-1:00 Tu and by arrangement.

Text: The laboratory manual is available at 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 be active participants 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>Measurement</td>
</tr>
<tr>
<td>2</td>
<td>The Simple Pendulum</td>
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<tr>
<td>3</td>
<td>Torque and Center of Mass</td>
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<tr>
<td>4</td>
<td>Projectile Motion</td>
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<tr>
<td>5</td>
<td>Specific Heat and Calorimetry</td>
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<tr>
<td>6</td>
<td>Simple Harmonic Motion</td>
</tr>
<tr>
<td>7</td>
<td>Resonance in Closed Tubes</td>
</tr>
<tr>
<td>8</td>
<td>Lenses</td>
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</tbody>
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Note: We will not have class during those weeks in which exams in the Phys 101 lecture course are scheduled.
Laboratory Preparation:

1. Read the advanced study assignment 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