**CHEMISTRY 202**  
*Laboratory Syllabus*  
*Spring 2009*

*Required for Lab:*  
1. General Chemistry Lab Manual. (available at Pequod Copy, located on the mezzanine level of the U-Store)

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates (M,T,W, Th)</th>
<th>Experiment/Reading Assignment</th>
</tr>
</thead>
</table>
| 1    | 2/2 - 2/5        | *Lab:* Check-in.  
Reading: pp. 2-13. |
| 2    | 2/9 - 2/12       | *Lab:* Experiment 11: Preparation of Sodium Thiosulfate Solution (Keep Sodium Thiosulfate solution until end of the semester for further work).  
Reading: pp. 19-21. |
| 3    | 2/16 - 2/19      | *Lab:* Experiment 24: Iodine Clock Reaction, Part A.  
Reading: pp. 28-30. |
| 4    | 2/23 – 2/26      | *Lab:* Experiment 24: Iodine Clock Reaction, Part B.  
Reading: pp. 30-35. |
Reading: Handout. |
Reading: pp. 22-27; 46-47. |
|      | 3/16 - 3/20      | -- SPRING BREAK -- |
Reading: pp. 22-27; 46-47. |
8  3/30 – 4/2  
   Lab: Experiment 10: Lewis Acids and Bases, Part A.
   Reading: pp. 14-16.

9  4/6 - 4/9  
   Lab: Experiment 10: Lewis Acids and Bases, Part B.
   Reading: pp. 16-18.

10 4/13 - 4/16  
   Lab: Prepare Solutions for Practical Exam II.
   Reading: pp. 36-39.

11 4/20 - 4/23  
   Lab: Practical Exam II.
   Reading: pp. 36-39.

12 4/27 – 4/30  
   Check Out.

<table>
<thead>
<tr>
<th>REPORT</th>
<th>DRAFT DUE DATE</th>
<th>REVISED DRAFT DUE DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iodine Clock Reaction</td>
<td>March 6</td>
<td>April 3</td>
</tr>
<tr>
<td>Properties of an Organic Acid</td>
<td>April 10</td>
<td>May 1</td>
</tr>
<tr>
<td>Lewis Acid and Base</td>
<td>April 17</td>
<td>May 1</td>
</tr>
</tbody>
</table>

Lab Written Exam: April 28, 2009

Closing Date: May 1, 2009