CHM 158 Laboratory
Fall 2007

Instructor: Jennifer Tillinger, Ph.D.
Office: 347 HHS
Phone: (248)-370-2883
Office Hours: MW 9:20 – 10:30 a.m., or by appointment
TR 11:00 am – 12:00 pm

Course: CHM 158/148 lab
CRN: 41660/43843
Room: 230/240 HHS
Day: Thursday
Time: 8:00 – 11:00 a.m.

Office: 347 HHS
Phone: (248)-370-2883
Office Hours: MW 9:20 – 10:30 a.m., or by appointment
TR 11:00 am – 12:00 pm

Teaching Assistant: Rajalakshmi Mudbidri

Required Items:
• Safety Goggles (not safety glasses). These are also available for purchase from the bookstore.

You are responsible for supplying your own SAFETY GOGGLES. You will need to bring both the lab manual and safety goggles with you to every class.

Experiment Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Experiment</th>
<th>Post Lab Quiz</th>
<th>Report Due Date</th>
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<tr>
<td>9/6</td>
<td>Check-In, Expt. 1 Parts I &amp; II</td>
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<td>9/13</td>
<td>Expt. 1 Part III</td>
<td>QUIZ Expt #1</td>
<td>Expt. 1</td>
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<td>9/20</td>
<td>Expt. 2 Part I</td>
<td>QUIZ Expt #2</td>
<td>Expt. 2</td>
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<td>9/27</td>
<td>Expt. 2 Parts II &amp; III</td>
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<td>10/4</td>
<td>Expt. 3 Parts I, II &amp; III</td>
<td>QUIZ Expt #3</td>
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<td>10/11</td>
<td>Expt. 3 Part IV</td>
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<tr>
<td>10/18*</td>
<td>Expt. 4 Part I</td>
<td>Expt. 5</td>
<td>Expt. 3</td>
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<td>10/25</td>
<td>Expt. 4 Part II</td>
<td>Expt. 4 Part I</td>
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<td>11/1</td>
<td>Expt. 4 Part III</td>
<td>Expt. 4 Part II</td>
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<td>11/8</td>
<td>Expt. 5</td>
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<td>11/15</td>
<td>Expt. 6 Parts A, B, &amp; C</td>
<td>QUIZ Expt #6</td>
<td>Expt. 4</td>
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<td>Thanksgiving – No Class</td>
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<td>Expt. 6</td>
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<td>11/29</td>
<td>Expt. 7 Parts I, II, III &amp; IV</td>
<td>QUIZ Expt #7</td>
<td>Expt. 7 / 8</td>
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<td>12/6</td>
<td>Expt. 8, Checkout</td>
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Last day for Official Withdrawal is November 6, 2007. If you drop this course, please come in and check out of the lab drawer. You will be charged a check-out fee ($10.00) and a key replacement fee ($15.00) if you don’t check out of your drawer. The last day to check-out of your drawer is Thursday December 6, 2007.

* If the lab is split into 2 rooms, the following schedule will be used. Week one: 230 HHS will do Expt. 4 part I and 240 HHS will do Expt. 5. Week two: 230 HHS will do Expt. 4 part II and 240 HHS will do Expt. 4 Part I. This schedule will apply for the remainder of Expt. 4 (Part II & III) and Expt 5. If the class is in just one room, then we will complete Expt. 5 first.
Laboratory Groups
You will be assigned to a laboratory group of three or four members during the first laboratory session. You should make every effort to work as a fully functioning team with all members making significant contributions to the laboratory work, preparation of pre-lab assignment, and preparation of laboratory reports. You will rate the contribution of each member of your team for each experiment in terms of a percentage score. A 100% score indicates the member has fully completed their assigned tasks or contributed equally for that experiment. For Experiment 1, the rating of teammate contributions will not affect the grades but will show each person how the others on the team value each person’s efforts. For experiments 2, 3, and 4, ratings will impact 25%, 50%, and 75%, respectively, of the lab scores. For experiments, 5 through 7, 100% of the lab scores for each person will be multiplied by the teammates’ average rating.

Absence Policy
Attendance is mandatory for all labs. However if you miss a lab, your participation percentage accessed by your teammates should be deducted accordingly. For all students regardless if you miss a lab or not, your lowest lab report score percentage will be dropped.

Pre-Laboratory and Laboratory Reports
Lab teams will submit ONE pre-laboratory assignment and ONE full laboratory report. The team number and names of all participating team members should appear on each sheet. Any team member who wishes to submit a separate pre-lab assignment or separate parts of any experiment report may do so.

Pre-Lab
Pre-labs are due the day of the experiment at the beginning of the lab. Please submit pre-lab reports on a printed “Pre-lab report” sheet from Moodle. Students submitting separate pre-labs should submit the pre-lab when that pre-lab is due. Submission of pre-labs after the beginning of the lab period will result in the loss of 10% of the pre-lab points.

Lab Reports
Lab reports are due at the beginning of the lab period in which they are due. No reports will be accepted after the due dates. The due dates are listed on schedule. Those individuals turning in separate work should attach their work at the end of the lab report.

Lab reports will not be returned to students after they are submitted and graded. Lab reports scores will be available to you on Moodle. Upon request, students will be allowed to review their graded lab report the week after they are submitted. If the graded lab report is not returned to the instructor, they will receive a zero score for that lab.

Post-Lab Quizzes
At the end of experiments 1,2,3,6 and 7 a Post-Lab Quiz will be administered. These quizzes will be given on the dates listed in the syllabus. The Post-Lab quizzes will test your knowledge of the experiment, including safety, theory, and calculations. The quizzes are worth 10 pts of your lab report.

Academic Conduct
Students are expected to uphold the academic standards set by Oakland University. The work submitted by any student should be their own work. Students suspected of academic misconduct (Examples of academic misconduct are the submission of labs containing data that has been falsified, copying any part of your lab from a previously graded lab report, copying from other students, plagiarism, changing answers on your lab report after the report has been graded, the use of materials not authorized by the instructor, obtaining copies of old lab reports or answer keys, or another student completing the lab for you), will be reported to the academic conduct committee. Students found guilty of academic misconduct for the laboratory will receive a zero grade for the lab. For further details see Academic Conduct Policies section (p. 93 – 94) in the 2007 – 2008 Undergraduate Catalog.

Laboratory Rules
Safety goggles must be worn at all times in the lab.
No open toes shoes in the lab.
The use of cell phones in the lab is prohibited.
No horseplay in the lab.