CHEMISTRY 105B - GENERAL CHEMISTRY  
SPRING 1998

(Also available at the Leavey Reserve Desk and  
on the World Wide Web: http://www-scf.usc.edu/~chem105b)

LECTURES:  
9 MWF, SGM 123  
10 MWF, SGM 123  
11 MWF, SGM 123

LECTURERS:  
Prof. Robert Beaudet  
Prof. Mark Thompson  
Prof. Howard Taylor  
Office: SGM 622  
LJS 370  
SSC 704  
Phone:  
(213) 740-4125  
(213) 740-6402  
(213) 740-4112  
e-mail:  
beaudet@chem1.usc.edu  
met@usc.edu  
taylor@chem1.usc.edu  
Office Hours: 
MW 1-2:30 and by appt  
To be announced  
M 2-3 and by appt

LABORATORY SUPERVISOR:  
Dr. Elizabeth Erickson  
Office:  
SGM 223  
Phone:  
(213) 740-7027  
e-mail:  
eerickso@chem1.usc.edu (for quicker response)

TEXTBOOKS:  
Required:  
Chemistry (4th Ed.) by Zumdahl. (The book comes with one free additional book: "Chemistry Survival Skills" by Brault and MacDevitt)

Laboratory Program Packet by USC General Chemistry Program  
(Purchase in SGM 204. Cost: $20.00).

Optional:  
Solutions Guide by Brooks, Hummel and Zumdahl (optional).  
Study Guide by Kelter (optional).  
Chemistry: Interactive (CD-ROM)

INTERNET:  
All reserved materials, homework assignments, and lecture quizzes for this semester
class information. Make sure to check the content of the web page frequently. Point to http://www-scf.usc.edu/~chem105b to access it. You may also reach the instructor on the internet by electronic mail.

**CALCULATOR:** *Required for exams.* Make sure your calculator has a \( \log \) key. Programmable calculators must be "cleared" before use during examinations.

**ASSIGNMENTS:** Chapters 12-17 and selected sections of chapters 18-23 will be covered this semester. Reading and problem assignments will be given during lecture. You are responsible for any announcements made in lecture and all material presented whether or not it is in the textbook.

**GRADING:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>One-hour exams</td>
<td>3 @ 100</td>
<td>50%</td>
</tr>
<tr>
<td>Laboratory</td>
<td>150</td>
<td>25%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>150</td>
<td>25%</td>
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</tbody>
</table>

An approximate letter grade will be assigned by the end of the seventh week to give you an idea of your status in the course. The letter grade you receive at mid-term is no guarantee of your final grade. Final grades will be assigned using guidelines established in previous semesters but there is no strict grading curve. Please do not ask your T.A. or course personnel to speculate on the grade that you will receive from the course as your grade can be determined only after all laboratory work and examinations are completed. *You must pass the lab to pass the course.*

**EXAMS:** There will be three 1-hour exams given during the semester. The material which will appear on the test will be announced in one or more lectures prior to the exam. The exams will be given during the scheduled quiz sessions Thursday at 3:30 p.m. Room assignments will be announced. The one-hour time period will be strictly enforced. *No one will be allowed to enter the exam room late or leave early.* Examinations will be carefully monitored. Exams should be written in ink (no pencil).

An answer key for each exam will be posted near SGM 204 on the day after the exam and will be posted on the web page. Graded exams will be returned to you by your T.A. during your scheduled lab. It is, therefore, very important that you learn your T.A.’s name and write it on all papers you turn in.
If you find a substantial grading error, please follow the procedure outlined in the attached handout on regrading.

**ELECTRONIC QUIZZES:**

Two or more electronic quizzes will be available for students to earn up to 5 bonus points total toward each midterm exam. These quizzes will be available via the Chem 105b website before each midterm exam. The e-quizzes are designed to give students vital feedback on their progress prior to each midterm exam.

**LABORATORY:**

The laboratory orientation lecture (mandatory) will be given during the Thursday quiz sessions at 3:00 p.m. and 4:00 p.m. on January 8. **You must attend the lab orientation lecture to retain a seat in the lab.** Bring the Laboratory Packet with you to the lab orientation lecture; this packet contains all of the experiments you will do during the semester. You should purchase the Laboratory Packet for $20.00 at SGM 204 by 2:00 p.m. on January 8. (Make checks payable to *USC Chemistry Department* and write your Soc. Sec. # on the check.) If you need to pay by cash, go to SGM 418 by 2:00 p.m. on January 8. Labs will begin with check-in on Monday, January 12.

**You must pass the lab to pass the course.** With approval, one missed experiment may be made up during the semester. Make-ups must be done during the same week the experiment is scheduled. Space is limited. Approval is limited. Go to the Prep Room (SGM 204, 740-7028) for approval.

**Bring with you to lab:**

- Goggles (purchase at USC Bookstore)
- Laboratory Notebook (purchase at USC Bookstore)
- Laboratory Package (purchase at lab orientation lecture)

There will be two lab quizzes during the semester on Thursday at 3:30 p.m.

**FINAL EXAM:**

A comprehensive two-hour final exam will be given on **Friday, May 1, 1998, 2:00-4:00 p.m.** This is the only time during which the final exam may be taken. Room assignment for the final will be announced.

**ABSENCES:** All *unexcused* absences from an exam or laboratory will result in a zero.
Individuals with excused absences will be given special consideration at the end of the semester. Absences will be excused on the basis of official university policy. To secure an excused absence, bring verification to Dr. Erickson prior to the absence, or in case of illness, immediately upon your return. All medical excuses will be verified.

TEACHING ASSISTANTS:

The primary responsibility of your Teaching Assistant is to instruct you in safe and appropriate laboratory procedures. His or her next duty is to assist in course instruction by use of laboratory examples and problem solving exercises. Any questions regarding T.A. interactions in this course can be referred to the Laboratory Director, Dr. Erickson or to Professors Beaudet, Thompson or Taylor. You are strongly encouraged to see the T.A.'s during their office hours. Office hours for all T.A.'s will be posted in SGM 223, the Chemistry Study Center, and on the class web page. The Study Center will be open Monday through Friday from 9:00 a.m. to 5:00 p.m.

The Office of Curriculum and Instruction provides a free Supplemental Instruction group for Chem 105B. For information about SI contact Andrea Covell (x05295). If you prefer to hire a private tutor, please go to Dr. Erickson (SGM 223) for a current list.

IMPORTANT DATES TO REMEMBER

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>January 7</td>
<td>First Day of Classes</td>
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<tr>
<td>January 8</td>
<td>Mandatory Lab Orientation Lecture</td>
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<tr>
<td>January 12</td>
<td>Labs begin with Check-In</td>
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<td>January 19</td>
<td>Martin Luther King Holiday</td>
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<td>January 30</td>
<td>Last Day to Drop without a &quot;W&quot;</td>
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<td>February 5</td>
<td>First Hour Exam</td>
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<td>February 16</td>
<td>Presidents' Day Holiday</td>
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<td>February 20</td>
<td>Midterm Grade Assigned</td>
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<tr>
<td>March 9-14</td>
<td>Spring Break</td>
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<tr>
<td>March 19</td>
<td>Second Hour Exam</td>
</tr>
<tr>
<td>April 10</td>
<td>Last Day to Drop with a &quot;W&quot;</td>
</tr>
<tr>
<td>April 23</td>
<td>Third Hour Exam</td>
</tr>
<tr>
<td>April 27</td>
<td>Last Day of Class</td>
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May 1 2-4 p.m.  

**Final Exam**

(Note the special exceptions category for Chem 105b final exam date.)
POLICY ON REGRADING OF EXAMS

When an exam is submitted for regrading the entire exam will be regraded. This may result in a lower score. Once an exam has been submitted, the regrade score is the one recorded.

Reasons for submitting an exam for regrading:

1. Addition error yielding incorrect total score.
2. Lack of inclusion of score from one of the problems graded.
3. Correct answer marked incorrect.

How to submit an exam for regrading consideration:

1. Obtain a cover sheet for your exam from SGM 223. These cover sheets will be on top of the file cabinet.

2. Complete the cover sheet, stating clearly why you are submitting your paper for regrading considerations. Be sure to sign the form where indicated, acknowledging that the exam has not been written on or altered in any way. Your exam will not be regraded unless the cover sheet is signed.

   Important: Please do not jeopardize your integrity by being tempted to change an answer after your exam has been graded. We periodically photocopy complete sets of exams. If you submit an altered exam for regrading, you will receive an "F" for the entire course and you will be reported to the Office of Student Conduct for an academic integrity violation.

3. Put the exam with the cover sheet attached under Dr. Erickson's door, SGM 224/225. Do not submit it to a T.A.

4. The deadline for submitting your exam paper for regrading consideration is 5:00 p.m. two weeks from the day you took the exam.