GENERAL INFORMATION

Class Hours:  Monday, Wednesday, Friday  8:45 - 9:50  in 006 Steele  
X-hour:  Thursday  9:00 - 9:50  in 006 Steele  
(NOTE:  almost every X-hour will be used;  keep this time free!)

Instructor:  Professor Dean Wilcox  
Office: 214 Burke,  Phone: 6-2874  
Office Hours: Monday 12:00 - 1:00  
Wednesday 11:00 - 12:00  
Thursday 10:00 - 10:30  
Friday   1:30 -   2:30

Textbook:  *Principles of Modern Chemistry* (4th Ed.) by Oxtoby, Gillis and Nachtrieb  
*Study Guide and Student Solutions Manual* by Freeman

Course Material:  Material used in this course, including handouts, homework assignments, homework answers, additional notes, demonstration handouts and practice exam questions, will be available at the Chem 6 website:  http://www.dartmouth.edu/~chem6.

Reserve Texts:  A selection of general chemistry textbooks, including a copy of your own, has been placed on reserve in Kresge Library. You may find it helpful to read appropriate sections in one or more of these on occasion, and all of them are good sources of extra problems to work. In particular, *Modern University Chemistry* by Porile has been used as the Chemistry 5/6 textbook in recent years and is an excellent "companion" text for this course. Two other comparable texts are *Chemical Principles* by Zumdahl and *University Chemistry* by Mahan and Meyers. Somewhat less challenging texts than your own are *Chemistry* by Zumdahl, *Chemistry: The Central Science* by Brown and LeMay, *Chemistry* by Chang and others on reserve. Several copies of the paperback problem book, *Relevant Problems* by Butler and Grosser have also been placed on reserve. All of these are available for 2 hour loan periods.

Examinations:  There will be two quizzes and one midterm examination, in addition to the final examination, which will be at a time and place scheduled by the Registrar. The quizzes and midterm exam will be held in the locations indicated below, and are "closed book" tests. Bring a working calculator that you know how to use! Requests for taking a quiz or exam at other times will be considered only in case of an emergency, a severe illness or an academic conflict. The date, time and location of our quizzes and exams are:

<table>
<thead>
<tr>
<th>Quiz</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>Friday</td>
<td>April 13</td>
<td>8:30 - 9:50</td>
</tr>
<tr>
<td>Midterm</td>
<td>Monday</td>
<td>May 7</td>
<td>7:30 - 10:00 PM</td>
</tr>
<tr>
<td>#2</td>
<td>Friday</td>
<td>May 18</td>
<td>8:30 - 9:50</td>
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ARRIVE ON TIME FOR THESE TESTS!  
KEEP THE EVENING OF MONDAY MAY 7th FREE!
Grades: Your grade will be based on your accumulation of points from the following:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quiz 1</td>
<td>50</td>
</tr>
<tr>
<td>Midterm</td>
<td>~150</td>
</tr>
<tr>
<td>Quiz 2</td>
<td>50</td>
</tr>
<tr>
<td>Laboratory</td>
<td>80</td>
</tr>
<tr>
<td>Final Exam</td>
<td>~150</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>480</td>
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NOTE: 1) If you feel that a mistake was made in grading your quiz or exam, you need to attach a written note describing the specific mistake(s) and return it to the Instructor within one week of the time it was returned to you; only requests that involve more than two points will be considered for regrading.

2) Although the laboratory accounts for only 16.7% of the points, failure to complete a significant portion of the lab work, including attending lab and turning in lab reports, will result in failure of the course, regardless of your performance on quizzes and exams.

Laboratory: The Chemistry 6 Laboratory handout "Important Laboratory Information" provides details about the laboratory portion of Chem 6, which begins Monday April 2. PLEASE READ IT CAREFULLY. Purchase a copy of the Chem 6 S'00 Laboratory Manual, available at Wheelock Books on Friday March 30.

Homework: Chemistry is a quantitative science and the ability to solve numerical and conceptual problems is essential for attaining and demonstrating a clear understanding of topics in Chem 6. Problems are found in the text of each chapter of your textbook, problems will be worked during class, and sets of problems, consisting primarily of problems at the end of each chapter, will be assigned. This "homework" will not be graded, but worked answers will be available. The Study Guide and Student Solutions Manual by Freeman has detailed answers to all the odd numbered problems at the end of each chapter. Answers to assigned even numbered problems and other assigned problems will be available at the Chem 6 website. While you are encouraged to study with your classmates and learn from each other, it is crucial that you work at the problem sets on your own, consulting the answers only when you are hopelessly stuck. If not, you will find the quizzes and exams (where answers and classmate help are not provided) very difficult!

Study Aids: Study Groups arranged through the Academic Skills Center; an informational flyer will be available; sign-up will take place during the 2nd week of term. Tutor Clearinghouse at the Academic Skills Center, 301 Collis.

Students with disabilities, including "invisible" disabilities such as chronic health problems or learning disabilities, are encouraged to contact the Instructor about accommodations that might be helpful to them and to contact the Academic Skills Center in 301 Collis to register for support services.

Blitzmail: I may need to contact the entire class or individuals by Blitzmail from time to time. You should feel free to contact me by Blitzmail, too, but please try to limit your messages to those that are essential (e.g. setting up an appointment, informing me about conflicts, health issues, etc.). I will try to respond promptly. Blitzmail is not appropriate for inquiring about technical questions (e.g. homework problems).
HONOR PRINCIPLE

It is important to state explicitly how the broad principle of academic honor applies in this course. Please feel free to inquire further if the statements below are not adequate.

1. Examinations. Any of the numerous activities normally considered as cheating are violations of the Dartmouth Honor Principle. Examinations and quizzes are not proctored; however, the Instructor will be present from time to time to answer questions which arise.

Since exam graders do not have perfect records of accuracy, claims of injustice in grading will be considered carefully. However, changing a graded answer and returning the paper to the Instructor for reconsideration is a clear and flagrant violation of the Honor Principle.

2. Laboratory. Honesty and integrity lie at the very heart of any experimental science, and the following remarks indicate how the Honor Principle applies to the laboratory work in Chemistry 6:

Unless permission is granted by the instructor, use of another student’s laboratory data is a violation. When use of another’s data is allowed, the source of the data must be indicated. Fabrication of data or alteration of your own data to secure some desired result is also a violation. In the case of experiments where two students work together and data have been recorded in one student’s notebook, a copy of the data may be made in the other student’s notebook with an appropriate citation to the location of the original data. Any other material in the notebook that has been copied from any source whatever must also be provided with a source citation. Laboratory reports must represent your independent calculations and individual conclusions, although comparison of numerical results with those of another student is permitted. Of course, direct copying of any portion of another student’s laboratory report is a violation of the Honor Principle.

3. Problem Sets. Homework is excluded from Honor Principle constraints. However, students are encouraged to work at each problem independently until the point is reached where further time and effort seem futile. At that point, looking at the answer key, collaborating with fellow students and/or consulting with the Instructor is encouraged.

4. Course Material. Actions that deny the access of other students to course material is a violation of the Honor Principle. This specifically includes removing or altering posted course material and course material on reserve in Kresge Library.

Violations of the Academic Honor Principle are taken very seriously. There have been cases involving students in Chemistry 6 that have resulted in severe penalty, including suspension. Note that the Honor Principle not only prohibits the kinds of activities described above, but also requires that you take some action should you suspect that the Honor Principle is being violated by someone else in the class. See the Student Handbook for further information.