University Chemistry II (CH1120)
Summer Semester, Term B, 2005

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Office Hours: Monday and Wednesday 10:30-11:30
Website: http://www.chemistry.mtu.edu/pages/courses/class.php?class=CH1120&sem=20053

Introduction
University Chemistry provides an overview of the chemical concepts that I believe are important to your science and engineering careers. It is my hope that by the end of this course you will have both an appreciation of how important chemistry is to our daily lives, and a greater interest in the subject than when you arrived here. University Chemistry II is the second semester of a one-year course for majors requiring a full year of chemistry.

Homework and Worksheets
You should work through problems at the end of the chapter on a nightly basis. I would suggest that you work through the even problems, as the answers to those are in the back of your book. Although working through the problems provides no guarantee that you will get an A in the class, it certainly increases your chances. You are also expected to read your book on a nightly basis. It is preferred if you read the chapter before it is presented in class.

Worksheets will be done in class on Fridays. These will contain problems that come from the material presented in that week. You may work together and use your book to complete the worksheets. This should be a way for you to get experience solving problems, as well as to help your grade.

Exams
There will be two one-hour in class exams during the term. There will also be a cumulative final exam. All important equations and constants, as well as a periodic table, will be provided as a sheet with the examination. You will not be allowed to bring a note card.

Topic Outline
The topics covered in this semester include, but are not limited to, the following.

- Week 1: Chapter 13
- Week 2: Chapters 15
- Week 3: Chapter 16 and Exam 1
- Week 4: Chapters 17 and 18
- Week 5: Chapters 18 and 21 and Exam 2
- Week 6: Chapter 23
- Week 7: Chapter 24
Assignments and Grading
Dates for in class exams are as follows: July 14 and July 29
The Final exam is on August 12 at 10:00 am in Chem-Sci 101 (our regular classroom)
Grading:
In class exams: 2 at 100 pts each
Friday Worksheets: 5 at 20 pts each
Final Exam: 150 pts
Laboratory: 150 pts
Total: 600 pts

Important Note: The lab portion of CH1120 is worth 25% of your final grade. You must pass both the lecture and the laboratory portions of CH1120. Anyone who fails either section of CH1120 automatically fails the entire class regardless of the total score.

Chemistry Learning Center
The CLC is a free service provided by the Department of Chemistry and the University to provide support for students enrolled in first year chemistry lecture courses. The Center is located in room 208 of the chemical sciences building and staffed by upper level undergraduate coaches who have a good background in chemistry and are familiar with the courses. Services offered include weekly appointments, team learning groups, walk-in assistance, reference library, computer-assisted learning, and a comfortable place to study chemistry.

Absence Policy and Academic Integrity
For exams, an unexcused absence is an automatic zero for any exam that is missed. The office of Student Affairs or your instructor may grant an excused absence. If you know that you will have an official university excused absence on a day that an exam is scheduled (university athletic event or religious holiday), you are required to make arrangements as early as possible in advance of the exam date. Other examples of excused absences are serious illness or a death. Excused absences will not be given to travel home or to attend a social event. Plan to take your exam at the scheduled time.

Both students and faculty are responsible for insuring the academic integrity of the University according to the procedures in “Academic Integrity at MTU – A Guide for Students and Faculty.” Specific violations in this course would be the intentional use of any unauthorized study aids, equipment, or another’s work during an examination (cheating) or allowing/helping another individual to cheat (facilitating academic dishonesty). Possible sanctions include an academic integrity warning, an “F*” grade indicating failure due to academic dishonesty, suspension, or expulsion.

Disclaimer
MTU complies with all federal and state laws and regulations regarding discrimination, including the Americans with Disabilities Act of 1990 (ADA). If you have a disability and need a reasonable accommodation for equal access to education or services at MTU, please call Dr. Gloria Melton, Associate Dean of Students at 487-2212.