CH1153 UChem I Recitation
Fall Semester, 2009

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INTRODUCTION: CH1153-University Chemistry I recitation is designed to support the University Chemistry I lecture section through in-class worksheets, quizzes, discussion, and group learning.

CLASS SCHEDULE: The lectures only provide you with a guide to the material and you must, therefore, read the relevant textbook chapters prior to the class and again after the class. You must also work through the practice problems and ask questions of your instructor.

REDINOTES: The class PowerPoint slides for this semester have been packaged with your textbook and are known as Redinotes. These notes are NOT designed to replace taking good notes, but they will reduce your need to copy everything from the slides and will allow you to pay closer attention to classroom discussion. You should bring your RediNotes to the recitation session because they will help you with the classroom problems.

SUGGESTED TEXTBOOK PROBLEMS: Even though I have assigned online homework I would still encourage you to work through as many of the even-numbered end of chapter problems that you can. These problems have answers in the back of the book and will greatly help you prepare for examinations. There are many ways of approaching chemistry, so by working on as many practice problems as you can, you are maximizing your chances of recognizing and completing the problems you face under exam conditions. The following are some suggested end-of-chapter problems to get you started:

**Topic 01**  Chapter 02: 14, 16, 32, 34, 44, 46, 50, 58, 60
Chapter 24: 16, 26, 27, 28, 34, 36, 42, 60

**Topic 02**  Chapter 03: 59, 60
Chapter 04: 10, 20, 32, 34, 46, 50, 54, 56

**Topic 03**  Chapter 03: 24, 26, 44, 46, 48, 50, 52, 54, 66, 68, 72, 76, 84, 86, 90, 94
Chapter 04: 78, 80

**Topic 04**  Chapter 04: 60, 62, 64, 70, 72, 74, 86, 88, 92, 94
Chapter 12: 13, 14, 16, 18, 22, 24
**Topic 05** Chapter 06: 1, 7, 11, 12, 14, 16, 21, 23, 26, 28, 32, 34, 36, 38, 46, 54, 58, 76, 82
Chapter 18: 1, 4, 5, 6, 9, 10, 16, 19, 20

**Topic 06** Chapter 05: 18, 20, 22, 32, 34, 40, 42, 44, 48, 52, 54, 56, 64, 68, 78, 84, 90
Chapter 11: 10, 12, 14, 16, 18, 20, 21, 22, 24, 27, 32, 33, 38, 44, 49, 52, 54, 56, 59, 62, 67, 68, 78, 84, 86, 88, 91, 94

**Topic 07** Chapter 12: 3, 8, 10, 25, 28, 32, 38, 39, 41, 43, 50, 52, 54, 58, 62, 64, 66, 68, 72, 74, 78

**Topic 08** Chapter 13: 2, 3, 6, 8, 10, 14, 15, 16, 18, 24, 25, 26, 31, 33, 35, 37, 38, 40

**Topic 09** Chapter 14: 1, 2, 5, 7, 8, 14, 16, 18, 20, 26, 28, 30, 32, 37, 38, 40, 42, 44, 46, 48

**BLACKBOARD:** Michigan Tech uses the course management software known as Blackboard to provide you with secure access to grades, class material, homework and so on. To access Blackboard you go to http://courses.mtu.edu and enter your Michigan Tech ISO username and password. Once logged in, you will be presented with a list of the courses you are currently registered in. Select the one that is labeled “Combined Sections (pcharles) - CH1150 - Fall 2009” for access to lecture related materials and CH1153 for recitation related materials.

**i>CLICKER:** Studies have shown that it is extremely important for students to be engaged in the classroom experience if they are to maximize their learning. One way of doing this is to ask questions, have discussions, and perform in-class quizzes. In an attempt to get you all thinking about the material and considering the problems, your recitation instructor may use i>clicker remotes as a complement to their use in recitation. The i>clicker is a response system that allows you to respond to questions posed during class, and you will be graded on that feedback and your in-class participation.

**PRACTICE EXAMS AND PROBLEMS:** Your textbook pack contains a large selection of practice exams and problems from previous classes taught by your lecture instructor. These are all real questions that students have experienced at some time in the past and should give you a pretty good idea what to expect. You should expect to see some of them included in the recitation sections.

**GRADING:** Your grade in this class is PASS/FAIL. The pass mark for this class is provisionally set at 70% and will be divided equally between attendance/participation, and assignment scores

- Attendance/participation 50%
- Assignments 50%
CHEMISTRY LEARNING CENTER (CLC): 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. Please see your lecture syllabus for more details.

ABSENCE POLICY: Attendance in recitation is required and represents up to 50% of your total grade for CH1153. Any unexcused absences will be an automatic zero for that recitation session. 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 (university athletic event, religious holiday, or funeral), you are required to make arrangements as early as possible in advance of the date.

ACADEMIC INTEGRITY: Both students and faculty are responsible for insuring the academic integrity of the University according to the procedures in "Academic Integrity at Michigan Tech - 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.

Michigan Tech 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 Michigan Tech, please call Christy Oslund, Student Disability Services (cmasklund@mtu.edu), or Dr. Gloria Melton, Dean of Students (7-2212).