Fall 2015

CHEM 1017

Hank Hauck

University of New Orleans

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Chemistry 1017
General Chemistry I
Fall 2015

Lecture for Recitation Sections 1-6 meets at 9-9:50, MWF, Room CSB 103

Instructor: Dr. Hank Hauck
Office: CSB 110; Office Hours: 10-11 Monday & Friday; and 12:30-4, Tu, W & Th
(No office hours on Friday.) You can also set up an appointment.
Tel.: 280-6857 (UNO Office); 504-289-0226 (mobile)
E-mail: hhauckjr@uno.edu
Moodle: Grades
e-mail: Lecture Notes in PowerPoint; Other (worksheets)
on-line: Homework – Mastering Chemistry

Description: Chemistry 1017 is a course in the fundamentals of chemistry. This course covers several key concepts that form the basis of chemical knowledge and experimentation. Students whose curricula require only one year of college chemistry will normally take CHEM 1018 and perhaps 1007 and 1008 following satisfactory completion of this course. Students majoring in science, pre-med students, and all students whose curricula require two years of college chemistry should take CHEM 1018, 1007 and 1008 following satisfactory completion of this course.

Credit: 3 credit hours

Text: Chemistry: A Molecular Approach (3rd Ed.) by Nivaldo Tro and MasteringChemistry (on-line)

Student Learning Objectives

After successfully completing this course, students will have a general understanding of several key concepts in chemistry, including: matter, atoms, elements, molecules, chemical equations and reactions, gases, thermochemistry, atomic structure, and bonding. In addition, students will be able to apply these basic concepts to understanding basic phenomena occurring in every day life.

Grading and Exam Schedule (% of course grade)

Exam 1 - Chapters 1-3 (15%) – Sept. 11, 2014

Exam 2 - Chapters 4-6 (20%) – Oct. 12, 2014

Exam 3 - Chapters 7-10 (20%) – Nov. 20, 2014

***Final Exam - Chapters 1-10 (20%) – Week of Dec. 7, 2013

Homework (10%) (MasteringChemistry: On-Line)

Attendance (0%) IF YOU ARE BORDERLINE (B/C), GOOD ATTENDANCE WILL GET YOU THE HIGHER LETTER GRADE (B). Poor attendance in this situation merits a C!

Quizzes (10%) – I will take the best 10 scores out of about 16-20 quizzes & drop the others.
Recitations are worth 5%. YOU MUST ATTEND. You must be on time, you must stay and you must participate by completing the assigned work. You may not keep the worksheets – Sorry.

*** Exemption for Final Exam granted for any student who has earned an A on EVERY Unit Test! Not an “A” average.**** You must confer with me right before the final to confirm your exemption.***

**Homework**

Homework assignments will be completed using MasteringChemistry (www.masteringchemistry.com). Each student must obtain access to MasteringChemistry by buying a code from Pearson or receiving one packaged with his or her textbook and register for this course in MasteringChemistry. The course ID will be given in class. Homework assignments will be given about every 1.5 weeks, will require about 2 hours to complete and will be due within a calendar week. DO NOT GET BEHIND. WARNING: D O N O T G E T B E H I N D!!! Students who should have had a B have wound up with a C because they did not do this homework.

**Grading and Classroom Procedures:** A missed assignment will be a zero unless there is an excused, documented absence. The drop date is Sep. 8 for nothing to appear on your transcript and Oct. 14 for a W to appear. There will be 3 Unit Tests: one worth 75 points and two will be worth 100 points each for a total of 275 points. There will be a final exam worth 100 points. On-line (Mast CChem) homework will be worth 50 points and quizzes will be worth 50 total points, 10 quizzes at 5 points each. Finally, recitation is worth 25 points. (For quizzes, I will employ clicker technology. There will be a course total of 500 points. A = 90%(450 total points); B = 80%(400); C = 70%(350); D= 60%(300); <60% is an F.

**Disabilities**

Students who qualify for services will, whenever possible, receive the academic modifications for which they are legally entitled.

It is University policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or to meet course requirements. Students who seek accommodations for disabilities must contact the Office of Disability Services prior to discussing their individual needs for accommodation with their instructors.

**Academic Integrity**

Students are expected to conduct themselves according to the principles of academic integrity as defined in the statement on Academic Dishonesty in the UNO Student Code of Conduct. Any student or group found to have committed an act of academic dishonesty shall have their case turned over to the Office of Student Accountability and Advocacy for disciplinary action, which may result in penalties as severe as indefinite suspension from the University. Academic dishonesty includes, but
is not limited to: cheating, plagiarism, fabrication, or misrepresentation, and being an accessory to an act of academic dishonesty.

Academic integrity is fundamental to the process of learning and evaluating academic performance. Academic dishonesty will not be tolerated. Refer to the UNO Judicial Code for further information, including the consequences for acts of academic dishonesty. The Code is available online at http://www.studentaffairs.uno.edu/pdfs/StudentCode.pdf.

**Plagiarism is a serious offense that can result in failure in a course and dismissal from the university. Students must make special efforts to learn what constitutes plagiarism and how to properly utilize and cite the work of others.**

“Plagiarize 1. To steal and use (the ideas or writings of another) as one’s own. 2. To appropriate passages or ideas from (another) and use them as one’s own . . . To take and use as one’s own the writings or ideas of another.” - definition from The American Heritage Dictionary of the English Language, W. Morris, Ed. American Heritage publishing Company, Inc. and Houghton Mifflin Company: New York, 1969.

Verbatim, or word for word copying, is the most obvious form of plagiarism. However, substantially copying the ideas or presentation of another, even when wording has been changed, can also constitute plagiarism.

**Free Tutoring for Many Courses is Available On-Campus from the UNO Learning Resources Center:** [http://lrc.uno.edu/](http://lrc.uno.edu/)

**Free Chemistry Tutoring Available in the Chemistry Learning Center (CSB 101)**

**MasteringChemistry Assignments**

**Assignments will be due about once every 1½ weeks.** Details will appear on the MasteringChemistry web site. Please log on and check this out immediately. There is a familiarization session, which you do not have to complete and a review assignment, which you should complete for a few extra points. You must complete all Chapter assignments.
## CHEM 1017 Fall 2015 - Course Schedule

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<th>Dates</th>
<th>Material</th>
<th>Topic</th>
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<td><strong>Unit 1</strong></td>
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<tr>
<td>Aug. 19-Sept. 9</td>
<td>Chapter 1</td>
<td>Matter, Measurement, and Problem Solving</td>
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<tr>
<td>Labor Day, 9/7, OFF</td>
<td>Chapter 2</td>
<td>Atoms and Elements</td>
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<td>Sept. 11</td>
<td>Ch. 1-3</td>
<td>Unit 1 Exam</td>
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<td><strong>Unit 2</strong></td>
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<td>Sept. 14-Oct. 9</td>
<td>Chapter 4</td>
<td>Chemical Quantities and Aqueous Reactions</td>
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<td>Fall Break: 10/15 &amp;16</td>
<td>Chapter 5</td>
<td>Gases</td>
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<td><strong>Rev. 10/9</strong></td>
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<td>Oct. 12</td>
<td>Ch. 4-6</td>
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<td><strong>Unit 3</strong></td>
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<tr>
<td>Oct. 19 - Nov. 18</td>
<td>Chapter 7</td>
<td>The Quantum-Mechanical Model of the Atom</td>
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<td>Fall Break Oct. 15 &amp; 16</td>
<td>Chapter 8</td>
<td>Periodic Properties of the Elements</td>
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<td>Review 11/18</td>
<td>Chapter 9</td>
<td>Chemical Bonding I: Lewis Theory</td>
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<td>Nov. 20</td>
<td>Ch. 7-10</td>
<td>Unit 3 Exam</td>
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<td>Nov. 25, 26 and 27</td>
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<td>OFF</td>
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<td>Nov. 30</td>
<td>Special Topic</td>
<td>Environmental</td>
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<td>Dec. 2</td>
<td>Review</td>
<td>Review for Final</td>
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<td>Dec. 4</td>
<td>Discussion</td>
<td>Open discussion for Final Exam</td>
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<td>Final Exam</td>
<td>Ch. 1-10</td>
<td>Wed, Dec 9, 7:30-9:30, CSB 103</td>
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