

Fall 2015

CHEM 1018

Skip Gallagher
University of New Orleans

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Recommended Citation

Gallagher, Skip, "CHEM 1018" (2015). *University of New Orleans Syllabi*. Paper 135.
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Chemistry 1018

MWF 12:00-12:50

Fall 2015

Instructor: Dr. Skip Gallagher

Office: CSB 108

E-mail: Gallagher.dr@gmail.com (Must include "1018" in subject line)

Text: *Chemistry: A Molecular Approach* by Nivaldo Tro and Mastering Chemistry

Prerequisite: Successful completion of (or exemption from) MATH 1125 or a minimum math ACT score of 23. Completion of CHEM 1017.

Description: Chemistry 1018 is a course in the fundamentals of chemistry. This course covers several key concepts that form the basis of chemical knowledge and experimentation.

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, bonding and intermolecular forces. In addition, students will be able to apply these concepts to understanding and connecting this chemistry in everyday life.

Grading and Exam Schedule (500 Points Total)

Exam 1 (100pts) – Monday, 21 September

Exam 2 (100pts) – Monday, 26 October

Final Exam (200pts) – Wednesday, 9 December, 12:30-2:30+pm

Homework – Mastering Chemistry (50 pts)

Quizzes/Recitation – 5 Pt Quiz's (50 pts)

Note: There will be *NO* make-up exams given for any reason. For those with excused absences the average of all exams (this includes the Final) will be substituted for the missed exam. Please notify me prior to missing any exam. Calculators which can display text (the entire alphabet) will **not** be allowed during an exam. If you have any doubts about your calculator please ask me *prior* to the exam or quiz. You may **not** have or use a cell phone during quizzes and exams.

Homework

Homework assignments will be completed online using Mastering Chemistry (www.masteringchemistry.com). Each student must obtain access to Mastering Chemistry and register for this course in Mastering Chemistry. The course ID is provided on the Mastering Chemistry handout. Late assignments will be penalized 5% per day to a maximum penalty of 50%. One or two Homework assignments will be given each week and will require 3+ hours to complete.

Quizzes and Recitation

50 Points of your final grade will be based on class quizzes and recitation attendance and performance.

Disabilities

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

Academic Integrity

Academic integrity is fundamental to the process of learning and evaluating academic performance. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty and will not be tolerated. Academic misconduct will result in an assigned course grade of an "F". Refer to the UNO Judicial Code for further information, including the consequences for acts of academic dishonesty. The Code is available online at www.studentaffairs.uno.edu/studentpolicies/policymanual/academic_dishonesty.cfm.

Attendance

Students who miss 4 consecutive classes may be disenrolled from the course. In addition, daily attendance will be taken and those with borderline grades who regularly attend class will be rounded to the next grade.

CHEM 1018 Fall 2015 - Course Schedule

Dates	Material	Topic
Unit 1	Chapter 9 &10	Lewis Dot & VSEPR
	Chapter 11	Liquids, Solids, and Intermolecular Forces
	Chapter 12	Solutions
<i>Sept. 21</i>	<i>Ch. 10-12</i>	<i>Unit 1 Exam</i>
Unit 2	Chapter 13	Chemical Kinetics
	Chapter 14	Chemical Equilibrium
	Chapter 15	Acids and Bases
<i>Oct. 26</i>	<i>Ch. 13-15</i>	<i>Unit 2 Exam</i>
Unit 3	Chapter 16	Aqueous Ionic Equilibrium
	Chapter 17	Free Energy and Thermodynamics
	Chapter 18	Electrochemistry
	Other	To Be Determined
<i>Final Exam</i>	<i>Ch. 10-18</i>	<i>Wednesday, 9 December, 12:30-2:30+</i>

This is an approximate schedule and should only be used as a guide. **It is subject to changes which will be announced in class.** This is another fine reason to attend class.