

**CHM 112**  
General Chemistry II, Section 0003  
Spring, 2018

**Instructor:** Dr. Bill Euler (the last name is pronounced “Oiler”)

**Textbook:** *General Chemistry The Essential Concepts*, 7<sup>th</sup> edition, R. Chang & K. A. Goldsby

**Web site:** <http://www.chm.uri.edu/weuler/chm112/>

**Office:** 474B Beaupre Center; phone 401-874-5090; e-mail: weuler@chm.uri.edu.  
Office hours: Tuesday, 8 – 9 am; Wednesday, noon – 12:30 p.m; Friday,  
noon – 1 p.m.; by appointment; or whenever I am in my office

**Topics to be covered this semester:**

Chemical Kinetics (Chapter 14)  
Chemical Equilibrium (Chapter 15)  
Acids and Bases (Chapter 16)  
Acid-Base Equilibria and Solubility Equilibria (Chapter 17)  
Thermodynamics (Chapter 18)  
Redox Reactions and Electrochemistry (Chapter 19)

**Grading:**

Exam 1 (Feb. 9, 11:00 a.m. – 11:50 a.m.)	100
Exam 2 (Mar. 2, 11:00 a.m. – 11:50 a.m.)	100
Exam 3 (Apr. 6, 11:00 a.m. – 11:50 a.m.)	100
Exam 4 (Apr. 27, 11:00 a.m. – 11:50 a.m.)	100
Final exam (May 4, 11:30 a.m. – 2:30 p.m.)	150
Homework Problems & Quizzes	<u>350</u>
TOTAL	900

If your score on the final exam is higher than the average of your four hour-exams, all of your exam scores will be replaced with the final exam score, appropriately weighted (i.e., the final exam can be worth 150 or 550 points, whichever gives you a higher total). (Be warned: the final exam will be hard, so do not rely on it too heavily.)

Exams are closed book but relevant data and equations will be provided. If classes are cancelled on a day of an exam is scheduled, the exam will be given at the next class period. Make up exams are only given when the student provides written documentation. **You will need a scientific calculator for each exam and it is your responsibility to bring one.**

There will be a Homework Assignment due every class period. Homework assignments will be posted on the web site and will usually be one or two problems based on the most recent lecture material. Homework assignments are due by 11:10 a.m. on the day indicated and late assignments will not be accepted. In the event that classes are cancelled by the University, then Homework assignments will be due the next class period.

Quizzes are unannounced and will be given at random times. Learning is most effective when you are continuously engaged in the subject matter.

### **Studying for Chemistry**

For most students, chemistry is a difficult subject. The key to learning the material is to focus on the process, not the answer. This requires practice and to do as many practice problems as it takes to achieve mastery of each topic. You need to understand why you get to an answer, not just how – this will allow you to tackle problems you have not seen before.

You can get assistance in your studies of chemistry from the Chemistry Learning Center (Beaupre 115) and from the Academic Enhancement Center (4<sup>th</sup> floor, Roosevelt). The Chemistry Learning Center has graduate student tutors available during daytime hours throughout the week. The Academic Enhancement Center has help available during the evenings.

### **Academic Honesty**

Students are expected to be honest in all academic work. A student's name on any written work, quiz or exam shall be regarded as assurance that the work is the result of the student's own independent thought and study. Work should be stated in the student's own words, properly attributed to its source. Students have an obligation to know how to quote, paraphrase, summarize, cite and reference the work of others with integrity. The following are examples of academic dishonesty.

- Using material, directly or paraphrasing, from published sources (print or electronic) without appropriate citation
- Claiming disproportionate credit for work not done independently
- Unauthorized possession or access to exams
- Unauthorized communication during exams
- Unauthorized use of another's work or preparing work for another student
- Taking an exam for another student
- Altering or attempting to alter grades
- The use of notes or electronic devices to gain an unauthorized advantage during exams
- Fabricating or falsifying facts, data or references
- Facilitating or aiding another's academic dishonesty
- Submitting the same paper for more than one course without prior approval from the instructors.

***Any student found cheating on homework assignments, exams, or quizzes will be subject to failure for the course.***

Any student with a documented disability is welcome to contact me as early in the semester as possible so that we may arrange reasonable accommodations. As part of this process, please be in touch with Disability Services for Students Office at 330 Memorial Union, 401-874-2098 (<http://www.uri.edu/disability/dss/>)