

CHM112 General Chemistry (II) Section 2, Spring 2012

Dr. Sze Yang Office: Pastore 334
Office Hours: Tu, W. Th. 10 AM
E-mail: syang@chm.uri.edu

Class Meetings
M.W. F. 9:00 AM
Room: Pastore 124

SI Leader: Megan Borders
Gives two weekly recitation sessions.

SI sessions
M. 4:30 – 6:00, Tu 4:00 – 5:30 PM
Room: To be announced

Chemistry Department Walk-in Help Office:
Chemistry Teaching assistants
conduct one-on-one consultation. Free.

Room: 215 Pastore,
opens all weekdays

Academic Enhancement Center, Help Office:
Chemistry tutors, free. call (401) 874-4690

Room: 402 Roosevelt Hall.
[schedule for walk-in help.](#)

Textbook: Raymond Chang, General Chemistry: The Essential Concepts 5th edition or 6th edition. (Custom Version for URI is Paperback), ISBN 0077520688

Course web page: <https://sakai.uri.edu/> **To sign on:** Use your e-campus ID and your URI e-mail password. Note for Apple Mac users: Please use Firefox, Internet Explorer or Chrom browser. Do not use Safari because the on-line quiz function of Sakai is not compatible with Safari. Free download of the Firefox, IE and Chrom browsers is available from the Internet. See me immediately if you have problem signing on at the Sakai website.

Course content:

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

Studying:

Read the textbook sections before and after each class meeting. Check the “schedule” tab on the Sakai course web page (at the left column) for the day’s reading assignments. Do practice problems at the end of the chapter. Solutions for the textbook problems are posted on the course web site. Click the “resource” tab at the left column of the web page. Find the file for the problem for a chapter.

Use the “Connect” website of the textbook publisher (McGraw-Hill) to do the self-assessment homework (not graded). If you took CHM101 last semester, you will have already accessed the Connect web site. Please see me if you are new to the connect web site and need a course code. When you feel you have a good grip of the content of the material covered in the class, do the on-line quiz (graded). More about the quizzes will be discussed in the next page.

If you need more practice, or are having trouble with the problems, see me immediately before you get too far behind. I will suggest ideas that may help you get through the course.

Daily Assignments: Preview the textbook pages before the class. What are the reading assignments for the day? Open the “Schedule” tab on the left column of the course web site. A course calendar opens up. Click on a particular day. You will see the reading and the practice problem assignments. Other important dates are also marked in the calendar: the quiz time window, the exam dates, the spring break, the last day for dropping the course, etc.

Attend the Supplemental Instruction Sessions

Your SI Leader, Meg Borders will conduct two weekly recitation sessions on Mondays (4:30 to 6:00 PM) and on Tuesdays (4:00 to 5:30). Meg is an undergraduate student who took CHM112 in her freshman year and had experience as a SI leader for CHM101 and CHM112. During the recitation sessions she will give practice problems and help you figure out how to solve problems. Because she had been in this course just a couple of years ago she may understand the stumbling blocks better than I do. Please make an effort to go to Meg’s sessions. You will find them very useful for you. Meg will start the first session on Jan. 30. I will announce the location in class.

Course requirements:

On-line quizzes (35 multiple-choice, after class on-line quizzes)	20%
Hour exams (2 hour exams: 3/7 and 4/23. Paper test booklets.)	40%
Final Exam. (5/7, 8 AM to 11 AM. Paper test booklets.)	40%

Quiz: There will be a total of 35 on-line mini-quizzes. You will take one quiz after each lecture. There is no makeup quiz. Your total quiz score is computed from the best 30 scores. The lowest 5 are dropped. A quiz becomes available for you to take at the Sakai course web site starting at 10:30 AM after a class lecture on Monday, Wednesday and Friday. The quiz contains multiple-choice questions to be finished within 20 minutes.

When you start the quiz, the computer will stamp the start time and will stop the quiz when the 20 minute time limit is up. You are free to choose your own starting time as long as it is within the quiz-taking time window. The quiz will not be available after 9:00 PM on the next day (Tu, Th, or Sat). You should take the quiz no later than 8:40 PM on Tu, Th, Sat to avoid being shut-off before your 20-minute time is up.

How to take on-line quiz?

Do a practice quiz after the first class meeting (1/23). The practice quiz will not be counted as your quiz score.

1. Go to your Sakai web page for CHM112. (Do not use Safari web browser. All other browsers work with the quiz program but not Safari.) If you use an Apple Mac computer, you should download and install the free Fire Fox, IE or Chrom browsers for quiz taking.)
2. Click on a tab in the left column of the home page labeled “Test and Quiz”. You will see one currently active quiz under the heading of “Active assessment”.
3. Before you start your quiz, you should have completed the reading and practice problem assignments for the day. There is not enough time to complete the quiz if you have not adequately learned the assigned textbook section and the practice problems.
4. Find an uninterrupted 20 minutes to complete your on-line quiz. Get your calculator handy and click on the available active quiz in your “Test and Quiz” tab to begin the quiz.
5. When you have finished your quiz, click “save” and “submit”. When time is up, the computer will automatically collect your quiz.

How to find my quiz score?

After the quiz-taking time window is closed. Your quiz score and the answer key for the quiz are viewable after 9:30 PM on Tue, Thu, Sat.. To see your score, you click on “Gradebook2” at the left column of the Sakai web page. The statistics showing the score distribution for the class is viewable.

Feedback:

Which question did I do correctly (or incorrectly)? Go to the “Test and Quizzes” tab. Find your previous quiz now in the “inactive assesment” list and click on the “feedback” link to open the quiz you have taken. You will find the quiz question, your answer and the answer key.

An alternative path to the quiz taking.

If you use the URI e-mail system (yourname@my.uri.edu), you will receive an e-mail notice when an on-line quiz is available for on-line quiz-taking. You may click the web link in the e-mail message to go to the currently active quiz.

Honor system for quiz-taking.

You are allowed to consult notes and textbooks while taking the quiz but you are required to do the quiz alone. Taking quiz with another student is an act of plagiarism. A proven plagiarism in any quiz will result in the loss of all quiz points (20% of the total course score). Your quiz question is likely to be different from that of other students. Taking quiz with another student is not likely to help your score but carries a risk.

Exam: There are 2 exams on March 7 and April 23. Each exam accounts for 20% of the total grade. Questions and answers are both written on paper booklets. You will be asked to write calculations and answers on the distributed exam booklet. You will be seated at an assigned seat in Room 124 with an exam booklet with your name on the front page. You will receive your seating assignment before the exam. Please look up your seating number before you come to the exam. No makeup exam is allowed except for illness with Doctor’s note.

Final Exam: The final is cumulative and may cover any material in the notes, homework or mentioned in class for chapters 14-19. The final exam booklet will have your name on the front cover placed at your assigned seat.

Disability Accommodations:

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. I have no problem making any accommodations you may need, so please ask.

Sports or Other University Sponsored Events:

Please let me know the first week of classes if you need any accommodations made.

Course Grades:

The course grade is computed from the scores you achieve on the quizzes, the exams and the final. **There is no extra credit!** Any errors in grading must be brought to my attention within 1 week of the material being handed back. No changes in any grades will be made after that point.

Exam Rules: You will be assigned a seat in Pastore 124 for taking exams and final. Be sure to bring a picture ID to all exams. The exam booklet that is placed on that seat will be printed with your name. **You must take this exam booklet.** You will receive a zero for a grade if you are not in your assigned seat with the correct exam. Once you have started the exam, you are not allowed to leave the room until it is finished. You have the entire class time to complete the exam.

No cell phone usage during class and exam time: Keep cell phones off *and hidden* at all times. Graphing calculators may not be used during exams/quizzes! Only use simple scientific calculators.