

General Chemistry II 162/102 Fall 2016

Christine Altinis-Kiraz, Ph.D.

Email: christine.altiniskiraz@rutgers.edu

Lectures: TTH 7:15-8:35 PM, HCK 138 (C/D)

Chemistry 162/102 is the second semester of the introductory chemistry course. Everyone enrolled for Chemistry 162 (lecture, 3 credits), is automatically enrolled in Chemistry 102 (recitation, 1 credit). Although there are two course numbers, in practice this will operate as one course. Every student will get the same grade for both Chemistry 162 and Chemistry 102.

Text Book: *Chemistry: Structure and Properties* by Nivaldo Tro (Rutgers Custom Edition) is required. The package available through RU bookstore will include the code to access Online Homework: Mastering Chemistry. You can use the same code used for Chem 161. If you purchased the package over a year ago and are having problems accessing Mastering Chemistry please email me.

Online Resources: We'll be using Sakai:: <http://sakai.rutgers.edu/> frequently to post lecture notes, announcements, handouts, problems, exams, keys etc. Please check the site and your email frequently. You can access Sakai with your NetID. If you are registered for the course, you should be able to see the course tab on the top menu bar. If you have problems accessing the course site please contact the RU IT helpdesk.

Online Homework (Mastering Chemistry) & Suggested Problems: Instructions for access, times and due dates for assignments will be posted on Sakai. You will be given ample time to finish the assignments, **there will be no extensions**. Suggested problems listed in the course schedule are not graded, but doing the problems is vital for mastery of the material. They are illustrative of the types of problem-solving skills required for success on the exams. Most of the suggested problems are odd-number problems, for which there is an answer in the back of the textbook.

Emails: I will do my best to answer emails from all students within 48 hrs, however due to the large enrollment in the course, questions where the information is already provided in the Syllabus/Sakai and/or Lecture announcements will not receive a response irrespective of the number of times you email me. Content type questions where many students may have emailed me about will receive a general class announcement response via Sakai so all students will benefit from the explanation. **Please read all information on this syllabus and Sakai announcements carefully before emailing me.**

Online Recitations ChIPS (Chemistry Interactive Problem-solving Sessions): All recitations sections will be held online. The schedule for the online sessions will be posted on Sakai.

You may attend the recitation at any of the scheduled times for Chem 162, logging in with your Rutgers netID and password. The online interface will allow you to converse with the instructor by asking questions by typing them into the computer.

Each recitation session will be 55 minutes. Participation in a recitation allows a student access to the weekly quiz, which can be taken online anytime during the week of that particular recitation. Students will not have access to the quiz unless they attend recitation and participate in

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that recitation, with participation being measured by several polling questions given during each recitation.

Quizzes will be given each week except during the weeks when there is an exam. If a student does poorly on a quiz, the student may repeat that quiz once (maximum of two quizzes for each week), but in order to repeat the quiz, the student must attend and participate in another recitation section, with participation being measured by polling questions given during each recitation. If a student repeats the quiz, the highest grade will count.

It is imperative that students make sure their computer systems and internet connections are dependable so that no technical issues arise during a recitation session. If technical issues do arise and you are unable to participate in the recitation by answering the polling questions to give you access to the quiz, you must attend another section. **Do not wait** until the end of the week to fulfill your online recitation obligation in case you have technical issues that prevent you from participating in the recitation (and gaining access to your weekly quiz). Quiz access will normally not be given to a student if technical issues arising *from the student's side* occurs during the recitation. **More detailed information can be found on the Sakai site**

Calculator: You must have a **non-programmable** scientific calculator for use on exams and quizzes. The calculator can have the capability of handling logarithms and scientific notation.

Attendance: Attendance is required for success in the course. As an incentive, it will count toward 5% of your grade. For details please follow lecture announcements. To participate you will need electronic devices with wifi internet access such as cell phones/laptops etc. It is imperative to ensure that such connections are dependable prior to lecture.

Exams: All exams are closed book. You can bring in a non-programmable scientific calculator only. Use/presence of **any electronic device of any kind (including but not limited to any smart devices, phones, tablets, iWatches etc) is prohibited** during exams and will be treated as academic dishonesty and disciplinary action will be taken. You must bring your **Rutgers Photo-ID** to the exam. It will be checked individually. Exam questions will consist of multiple choice questions. All exam locations will be announced on Sakai and during lecture. Room assignments can change per exam, please follow lecture and Sakai announcements for each exam carefully.

- **Exam I** : Thursday, October 6, 2016 (7:15PM-8:35PM)
- **Exam II**: Tuesday, November 1, 2016 (7:15PM-8:35PM)
- **Exam III**: Tuesday, November 22, 2016 (7:15PM-8:35PM)
- **Final Exam** (comprehensive): Friday, December 16, 2016 12:00PM- 3:00 PM

Missed/Conflict Exams: **All exams must be taken at the scheduled times and places.** Since exams are scheduled during the lecture, there should be no conflict with exam scheduling. If you fail to take an exam, you must provide a proof of a valid excuse accepted at my discretion or you will receive a grade of 0 for that quiz/exam. In order to be excused from an exam, you need to present me with a written notification from the Dean of your school (it's your responsibility to figure out who your Dean is). Valid excuses include illness, injury, Rutgers sponsored events, natural disasters etc. If

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you are excused from an exam, the percentage you get on your final exams score will become your missed exam score.

Students with Disabilities: If you have a disability, please see me before September 15th to make the necessary arrangements. In addition, arrangements must be made for me to receive a letter by that date from your College's Disability Concerns Coordinator at Disability Services (732) 932-2848 or dsoffice@rci.rutgers.edu before the first exam.

Tutoring: Free tutoring is available through the Rutgers Learning Center. Please visit their site for scheduling <http://rlc.rutgers.edu>

Office Hours/Workshops with Teaching Interns: We will have some teaching interns who will be providing course support by having extra office hours and workshops. Times/locations will be announced on Sakai. Please attend office hours as many times as you can to master/review the materials you are having difficulties with.

Grades: No grades are assigned per exam/quiz. The final grade will be determined based on the total points accumulated by the individual in comparison to the total points accumulated by the rest of the class. As a guideline, average on a midterm is a C/C+. ACS exam score, attendance, lecture participation via online tools will be considered when assigning grades to borderline students. Exam scores will be posted on sakai under gradebook.

Grading component	Percentage of Total Grade
Three Midterms	51%
Recitation Quizzes	5%
Online Homework	5%
Attendance	5%
Comprehensive Final	34%
Total	100%

- *Extra credit will be given for the practice final (ACS exam) more details will be posted on Sakai as the course progresses along.*

General Grading Scale (subject to change depending on Class averages)

A	> 90%
B	80-89%
C	65-79%
D	55-64%
F	< 55%

A grade of < 35% on the final exam will result in an automatic F for a final grade.

Intellectual Property: The material for this course is copyrighted and may not be posted on any other web site without permission. Any lecture notes or supplementary material posted on Sakai is for your own use only. Any violation of this policy will be treated as an academic integrity violation

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