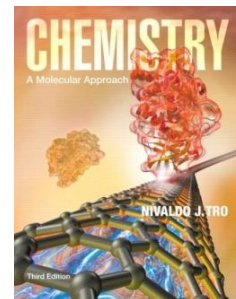
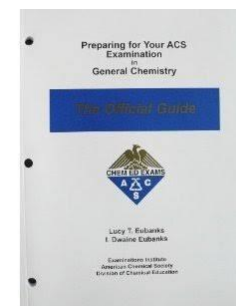


Chemistry 1212 K
Course Syllabus, Spring 2015, Dr. Kerr

Text: Chemistry: A Molecular Approach with Mastering Chemistry, 3^{ed} by Nivaldo Tro
ISBN-10:0321804716 ISBN-13:9780321804716



Supplemental: Preparing for Your ACS Examination in General Chemistry : The Official Guide, by Lucy T. Eubanks and I. Dwaine Eubanks,
ISBN-13: 9780970804204 ISBN-10: 0970804202



Required Materials:

- 1) A Pearson Mastering Chemistry account
- 2) A scientific, **non-programmable** calculator

Instructor: Dr. Tracy A. Kerr

Email: tkerr@gsu.edu

Send emails from your GSU email account to my GSU email account only.

Do not email from our D2L class web page (If you do, they will not be answered).

Please use proper etiquette in your emails. This is a formal communication between us.

I will strive to respond to all emails within 24 hours during the work week. On the weekends, you may not receive a response until Monday. This includes those emails that tell me to respond right away.

Office: Courtland North 210

Office Hours: Monday 12:00pm -1:00pm, Thursday 1:10pm - 3:00pm* (except for Jan 15th)

Lecture Time: M,W,F 11:00 am - 11:50 am

Lecture Room: Aderhold Learning Center 5

Important Dates:

First day of Class: January 12th

MLK Holiday: January 19th

Mid Point: March 3rd

Spring Break: March 16th - 22nd

Classes End: April 27th

Final Exam: Wednesday, April 29th, 10:45-13:15

We have 38 lectures to cover chapters 11-19. This relates to roughly 4 lectures per chapter.

Chapter 11 Liquids, Solids, and Intermolecular Forces

Chapter 12 Solutions

Chapter 13 Chemical Kinetics

Chapter 14 Chemical Equilibrium

Chapter 15 Acids and Bases (actually more equilibrium)

Chapter 16 Aqueous Ionic Equilibrium

Chapter 17 Free Energy and Thermodynamics

Chapter 18 Electrochemistry

Chapter 19 Radioactivity and Nuclear Chemistry

Point distribution

In Class Multiple Choice Exams (Best 3 of 4)	225
On-line quizzes (Best 3 of 5)	75
Mastering Chem Homework	100**
Laboratory Grade	200*
Final exam (ACS standardized test)	200

800

*You **must** attend your laboratory section – at the end of the semester your laboratory instructor will give me a list of students in their section and their grades.

→Do **NOT** switch lab sections without notifying **ME**. I am the only one to input the final grades.

**Mastering Chemistry Homework points will be calculated based on percentage.

Week of....	Monday	Wednesday	Friday	
January 12 th	Intro Lecture	Lecture	Lecture	
January 19 th	*No Class*	Lecture	Lecture	QUIZ 1
January 26 th	Lecture	Lecture	Lecture	
February 2 nd	Lecture	Lecture	Exam 1 Feb 6th	
February 9 th	Lecture	Lecture	Lecture	QUIZ 2
February 16 th	Lecture	Lecture	Lecture	
February 23 rd	Lecture	Lecture	Exam 2 Feb 27th	
March 2 nd March 3 rd :Midpoint	Lecture	Lecture	Lecture	QUIZ 3
March 9 th	Lecture	Lecture	Lecture	
March 23 rd	Lecture	Lecture	Exam 3 Mar 27th	
March 30 th	Lecture	Lecture	Lecture	QUIZ 4
April 6 th	Lecture	Lecture	Lecture	
April 13 th	Lecture	Lecture	Lecture	QUIZ 5
April 20 th	Lecture	Lecture	Exam 4 Apr 24th	
April 27 th	Lecture	FINAL EXAM 10:45 am		

* Midpoint on March 3rd, 2015 is the last day to drop a class with a W

Final Exam is Wed. April. 29th, 2015 starting at 10:45 am in our classroom. It is the ACS standardized exam. Duration of exam is 110 min. It is a comprehensive exam covering Chpt 1-19. Yes, it includes all the material from CHEM 1211.

Grading:

Points	Percent	Letter Grade
760 - 800	95% - 100%	A+
720 - 759	90% - 94%	A
696 - 719	87% - 89%	A-
680 - 695	85% - 86%	B+
640 - 679	80% - 84%	B
624 - 639	78% - 79%	B-
584 - 623	73% - 77%	C+
520 - 583	65% - 72%	C
480 - 519	60% - 64%	C-
456 - 479	57% - 59%	D
<456	<57%	F

No make-up examinations or quizzes will be given. Missed examinations and quizzes will be recorded as a zero. Allowable absences **MUST** be accompanied by verifiable documentation. This includes 'family emergencies'. The note must be provided within a week of the missed test/quiz.

The final examination is a multiple choice test provided by the American Chemical Society (ACS) and is nationally normalized.

To receive a passing grade the student MUST:

1. Take the final examination of the lecture
2. Meet certain minimum requirements in the laboratory portion of the course:
 - a) Submit a final laboratory report
 - b) Take the final lab examination
(see lab manual for further details)

The instructor reserves the right to seat students during examinations and quizzes

Only non-programmable calculators are allowed. Use of programmable calculators in class and in lab is considered academic dishonesty.

Examinations: The best 3 of the 4 examination grades will be counted toward the student's grade. Each student is allowed to drop one exam grade. There will be no make-up exams.

On-Line Quizzes: The best 3 quiz grades out of 5 will be counted toward the final grade. There will be no make-up quizzes. Missed quizzes will be recorded as zero. There will be a very specific time frame in which these quizzes must be completed. Once the quiz has begun, the deadline cannot be changed.

Homework: Homework should be submitted online using "Mastering Chemistry". The course code is MCKERR 1212K. Homework that is submitted in class will not be accepted. Do not wait until just before the deadline to report a problem. Late homework submissions will not be graded. There are many, many places on campus that provide students computer access to the internet. If your internet is not working at home, please utilize these to complete your homework.

http://www.masteringchemistry.com/assets/site/res/pdf/student_bklt_FINAL.pdf

Desire2Learn: This site will be used for posting class materials including lecture notes and student materials. Announcements related to class will also be posted on our class Desire2Learn site. All of your grades (**except for your final exam and overall final grade**) will be posted on Desire2Learn. Students should regularly check their class D2L sites at least twice a day for class materials. Your lab instructors have until May 6th to send me the final lab grades. Until this date I will have no information for you on this part of your grade.

Class Attendance and Preparation: Students are responsible for class preparation and for any material presented in the course of the lectures *whether or not it is contained in the textbook*. Chemistry is a *highly* structured course, with each new topic based on others previously developed. Thus it is *critical* for students to keep *consistently* up-to-date in their readings and assignments. To fall even one class period behind is to risk considerable difficulty in mastery of future material. Therefore students should

- 1) review previous material, especially if it was not perfectly understood
- 2) complete reading assignments *before* the lecture in which the topics are covered, or at least immediately after the lecture
- 3) complete assigned problems and exercises on time, with an emphasis on mastery of concepts and principles involved rather than looking for a formula that will give the expected answer (*remember that the question can be asked in a different way and not just with different numbers!*)

Students are expected to attend all classes and laboratories (even when attendance is not recorded) and are responsible for all assignments and materials presented. In the event of unavoidable absences, it is the responsibility of the student to find out what materials were covered or what assignments were given in his or her absence.

Some Examples of Unacceptable Student Conduct:

- Not following the testing procedures as instructed.
- Talking while your professor is lecturing.
- Arguing with the professor about student conduct.
- Not sitting up straight with paper directly in front of you during an exam.
- Not keeping your scantron or exam papers covered during an exam.
- Using a disrespectful tone of voice, harsh words or profanity.
- Making inappropriate gestures of any kind.
- **Leaving class before the lecture is over.**
- Letting your cell phone ring audibly during a lecture or exam.
- Having a cell phone available during a quiz or test.
- Not having your student ID for a quiz or test.
- Arriving late for lecture or for an exam.
- Allowing your laboratory data or answers to be copied.

Cell Phones and Beepers: In consideration of your classmates, turn off all sound alerts during every lecture and examinations. If you must have the cell phone during the daily lectures, please set it to ring on vibrate mode (silent). If you need to be on call during an exam, please inform the instructor and leave the phone with the instructor. You may not use cell phones as calculators during exams/quizzes.

If you wish to use a computer to view class notes or to take class notes, you are required to sit in the last three rows of the lecture hall. Believe it or not, laptops prove to be a distraction in classrooms and hand written notes more beneficial to the student.^{1,2}

The University requires that faculty members must, on a date after the midpoint of the course to be set by the Provost (or his designee)

1. give a WF to all those students who are on their rolls but no longer taking the class and
2. report the last day the student attended or turned in an assignment.

All examinations must represent your individual effort, with no unauthorized aid. To either *give* or *receive* unauthorized information during an examination is cheating, as is the use of *any* unauthorized supplementary material. In addition all laboratory work performed in conjunction with this course must represent your individual effort. Only original data obtained by your own *in-laboratory* experimentation are permitted to be used, except when *expressly authorized* by your laboratory instructor. Data from supplementary sources, handbooks, reference literature, etc. must be *clearly referenced* (title, author, volume, pages(s), etc.). Falsification or destruction of data constitutes cheating as well. Conduct disruptive of class, examinations, or laboratories *or* falsification or destruction of information related to chemistry courses will be taken as a violation of the policies of the Board of Regents of the University System of Georgia and the Georgia State University Student Code of Conduct, Section 6.0. Any suspected offenses may be referred to the Chairman of the Department or the Dean of Students for appropriate disciplinary action.

The foregoing provides a general plan for the course, deviations from which may be necessary. The instructor will announce any such changes in class.

1. <http://chronicle.com/blogs/wiredcampus/taking-notes-by-hand-benefits-recall-researchers-find/51411>
2. <http://www.psychologicalscience.org/index.php/news/releases/take-notes-by-hand-for-better-long-term-comprehension.html>