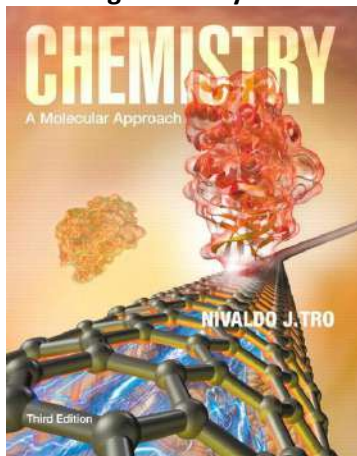


## General Chemistry I Chemistry 1211K Course Syllabus Spring 2015

**Text:** Chemistry: A Molecular Approach with MasteringChemistry, 3/E by Nivaldo J. Tro  
ISBN-10: 0321804716 | ISBN-13: 9780321804716  
<http://www.pearsonhighered.com/educator/product/Chemistry-A-Molecular-Approach-Plus-MasteringChemistry-with-eText-Access-Card-Package/9780321804716.page>



**Course ID:** MCDRAPER07917(For Mastering Chemistry)

**Required Laboratory Materials:** 1) a stitched binding COMPOSITION notebook for laboratory work (note: spiral, cemented, or loose-leaf notebooks are not acceptable!); 2) safety glasses or goggles (available for purchase (billed to student account) in lab for \$5).

**ALL LABS BEGIN second week of class (1/19/15).**

**Instructor:** Jennifer Draper

**E-mail:** [jdraper@gsu.edu](mailto:jdraper@gsu.edu)

Email is the best way to communicate with the instructor. While sending an email, write the name of the course, and then the subject. For example, if you want to write about arranging an appointment, the subject should be "1211- appointment". **\*Please send email from GSU email.**

**Phone:** (404) 413 –

**Office:** Courtland North 218

**Office Hours:** Mondays 11:00 am – 11:45 am and 1:00 pm – 1:45 pm  
Wednesdays 1:00 pm – 1:45 pm  
(Other times are available by appointment)

**\*\* NOTE: If you come to office hours, bring your book, your lecture notes, and your attempt at the homework.**

**Lecture:** MWF @ 12:00 am – 12:50 am (Aderhold Learning Center 430)

**Point distribution**

|  |            |
|--|------------|
| Exams (70 points each) ( <b>Best 3 of 4</b> )            | 210        |
| In-class quizzes (25 points each) ( <b>Best 3 of 4</b> ) | 75         |
| Mastering Chem Homework                                  | 115**      |
| Laboratory   | 200*       |
| Final exam (ACS standardized test)                       | <u>200</u> |
| <b>Total:</b>  | <b>800</b> |

\* 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 laboratory grades.

\*\*Mastering Chem Homework points will be calculated based on the percentage of homework credits. If homework credit was 100% or (165/165) hw points, 115 lecture points will be awarded.

| <b>Week Beginning</b>     | <b>Monday</b>   | <b>Wednesday</b>                   | <b>Friday</b>                      |
|---------------------------|---|------------------------------------|------------------------------------|
| Monday, January 12, 2015  | Lecture   | Lecture                            | Lecture                            |
| Monday, January 19, 2015  | <b>MLK Day<br/>(No Class)</b>                               | Lecture                            | <b>Quiz 1</b>                      |
| Monday, January 26, 2015  | Lecture   | Lecture                            | Lecture                            |
| Monday, February 2, 2015  | Lecture   | Lecture                            | <b>Exam 1</b>                      |
| Monday, February 9, 2015  | Lecture   | Lecture                            | Lecture                            |
| Monday, February 16, 2015 | Lecture   | Lecture                            | <b>Quiz 2</b>                      |
| Monday, February 23, 2015 | Lecture   | Lecture                            | <b>Exam 2</b>                      |
| Monday, March 2, 2015     | Lecture<br><b>**Tuesday<br/>March 3rd is<br/>midpoint**</b> | Lecture                            | Lecture                            |
| Monday, March 9, 2015     | Lecture   | Lecture                            | <b>Quiz 3</b>                      |
| Monday, March 16, 2015    | <b>Spring Break<br/>(no class)</b>                          | <b>Spring Break<br/>(no class)</b> | <b>Spring Break<br/>(no class)</b> |
| Monday, March 23, 2015    | Lecture   | Lecture                            | <b>Exam 3</b>                      |
| Monday, March 30, 2015    | Lecture   | Lecture                            | Lecture                            |
| Monday, April 6, 2015     | Lecture   | Lecture                            | <b>Quiz 4</b>                      |
| Monday, April 13, 2015    | Lecture   | Lecture                            | Lecture                            |
| Monday, April 20, 2015    | Lecture   | Lecture                            | <b>Exam 4</b>                      |
| Monday, April 27, 2013    | Lecture   | <b>Final Exam<br/>11:45am</b>      |                                    |

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

**Final exam is on Wednesday April 29<sup>th</sup>, 2015 starting at 11:45 am. Duration of exam is 110**

**minutes. Final Exam is comprehensive covering Chapters 1-10.**

**Grading:**

|                       |    |
|-----------------------|----|
| 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 examination or quizzes will be given.** Missed examinations and quizzes will be recorded as a **zero**. The final examination is a standardized test (and *multiple choice*) provided by the American Chemical Society (ACS) and is nationally normalized.

To receive a **PASSING** grade in this course, 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 final lab report
  - b) Take the lab final exam
 (see lab manual for further details).

**Instructor reserves the right to seat students during examinations and quizzes.**

**ONLY NON-PROGRAMMABLE calculators are allowed. Use of programmable calculators in class and 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 (or advance) exams.**

**In-class quizzes:** The best 3 quiz grades out of 4 will be counted toward the final grade. **There will be no make-up (or advance) quizzes.**

**Reading assignments:** At the end of every lecture, the instructor will allot reading assignments from the text book. Some of the questions from the quizzes and exams will be directly taken from reading assignments. It is in the best interest of the students to complete the reading assignments on time.

**Homework:** Homework should be submitted online using "Mastering General Chemistry". Use **Course ID: MCDRAPER07917**. While registering for course on Mastering General Chemistry, choose the **Third edition** of "Chemistry: A molecular approach" by Tro. Homework for each chapter will be available as soon as the class discussion of the chapter is completed. It is in the best interest of the students to check the due dates for the homework and submit on time. There is no credit for late submission.

**Desire2Learn:** Desire2Learn will be used for posting class materials including lecture notes and study materials. Announcements related to class will also be posted on Desire2Learn. Grades will also be

posted on Desire2Learn. Students need to check Desire2Learn at least two times a day. In addition to this, Desire2Learn will be used for posting discussions regarding important concerns about the class.

**Class Attendance and Preparation:** Attendance in class is **not** recorded (with some few exceptions). However, 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 made 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.
- Allowing your homework, quiz, and exam answers to be copied.
- **Using a laptop during lecture for any other reason besides taking notes, distracting classmates. LAPTOPS HAVE TO BE IN FRONT ROW.**
- **Using any other electronics during lecture and causing distractions.**

**Cell Phones and Beepers:** 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. No cell phones as calculators during quizzes/exams.

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.

**Chemistry Department Policy on Student Conduct and Integrity:** The *Georgia State University Policy on Academic Honesty* is in force in this course. This includes but is not necessarily limited to infractions in the area of *plagiarism, cheating on quizzes & examinations, unauthorized collaborations, falsification, and multiple submissions*. This policy is published in *On Campus: the Student Handbook*, which is available to all members of the university community.

All examinations must represent your individual effort, with no unauthorized aid. To either *give* or *receive* unauthorized information during an examination or a quiz 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.

**Syllabus and Assignments:** The foregoing provides a *general* plan for the course, *deviations from which may be necessary*. **The instructor will announce any such changes in class.** One of the best ways to prepare for examinations in general chemistry is to work as many problems as possible. This includes problems from the end of chapter problem sets as well as the Mastering General Chemistry Problem sets.