

**General Chemistry II
Chemistry 1212
Course Syllabus Spring 2012**

Text: Chemistry Custom Version for Georgia State University

(Taken from Chemistry: A Molecular Approach by Nivaldo Tro and General Chemistry: Principles and Modern Applications by Petrucci, Harwood, Herring and Madura) with **Mastering General Chemistry**.

****NOTE: This is a customized book for GSU students. It is a paperback book that has a blue cover.**

Course ID: ONG1212Sp2012

Required Laboratory Materials: 1) a stitched binding notebook for laboratory work (note: spiral, cemented, or loose-leaf notebooks are not acceptable!); 2) safety glasses or goggles.

Instructor: Dr. Grace Ong

E-mail: gong@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 "1212- appointment". ***Please send email from GSU email.**

Phone: (404) 413 – 5603

Office: Courtland North 210

Office Hours: Mondays 12:15 pm – 1:00 pm

Wednesdays 12:30 pm – 2:30 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 @ 11:00 am – 11:50 am (PSC 101)

Point distribution

Exams (67 points each) (Best 3 of 4)	201
In-class quizzes (25 points each) (Best 5 of 6)	125
Homework	74
Laboratory	200*
Final exam (ACS standardized test)	<u>200</u>
Total:	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 laboratory grades.

Tentative Exam Plan:

Ch 11 and 12 → Exam 1

Ch 13 and 14 → Exam 2

Ch 15 and 16 → Exam 3

Ch 17 and 18 → Exam 4

Week Beginning	Monday	Wednesday	Friday
1/9/2012	Orientation	Lecture	Lecture
1/16/2012	MLK Holiday	Lecture	Lecture
1/23/2012	Quiz 1	Lecture	Exam 1
1/30/2012	Lecture	Lecture	Lecture
2/6/2012	Lecture	Lecture	Lecture
2/13/2012	Quiz 2	Lecture	Exam 2
2/20/2012	Lecture	Lecture	Lecture 2/24/2012 Last day to withdraw with a W
2/27/2012	Spring Break – No class		
3/5/2012	Quiz 3	Lecture	Lecture
3/12/2012	Lecture	Lecture	Lecture
3/19/2012	Quiz 4	Lecture	Exam 3
3/26/2012	Lecture	Lecture	Lecture
4/2/2012	Lecture	Lecture	Lecture
4/9/2012	Quiz 5	Lecture	Exam 4
4/16/2012	Lecture	Lecture	Quiz 6
4/23/2012	Lecture	Final Exam	

Final exam is Wednesday April 25, 2012 at 10:45 am. Duration 110 minutes. Final Exam covers material from 1211 and 1212.

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
2. Meet certain minimum requirements in the laboratory portion of the course (see lab manual).

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 5 quiz grades out of 6 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: ONG1212Sp2012**. While registering for course on Mastering General Chemistry, choose the First 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.

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.

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.

Cell Phones and Beepers: In consideration of your classmates, turn off all sound alerts during every lecture and examinations. There will be no exceptions

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 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 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.