

CHM 2046	General Chemistry 2	Summer B 2013
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INSTRUCTOR: G. Jeff Gower (jgower@ufl.edu)

Lectures: MTWF 5th Period (CLB 130) Discussion Classes: Thursdays

Office hours: MTWR 11am–12noon and 3:30pm–4:30pm (CLB 314)

TEXT: **Chemistry: The Molecular Nature of Matter and Change (6th Edition)**
by Martin Silberberg (McGraw-Hill)

PREREQ: Grade of C or higher in CHM 2045 plus MAC 1140 or MAC 1147 or MAC 2311.

PLANNED SCHEDULE OF TOPICS

Topics	Chapters
Intro to Chemical Equilibrium and Acids/Bases	17 – 18.3
Acid/Base Equilibria	18.4 – 19.2
Solubility Equilibria	19.3 – 19.4
Gas-Phase Equilibria	17
Thermodynamics	20
Redox Reactions and Electrochemistry	4.5–4.6 and 21
Main Group and Transition Elements	14, 22, and 23

ONLINE ASSESSMENT SCHEDULE (in e-Learning Assessments)

(Assessments Open at 12:00am on Begin Dates and Close at 12:00am on Due Dates)

Assessment #	1	2	3	4	5
Begin Date	Jul. 1	Jul. 8	Jul. 15	Jul. 22	Jul. 29
Due Date	Jul. 8	Jul. 15	Jul. 22	Jul. 29	Aug. 5

EXAM SCHEDULE (on Wednesdays during lecture period)

Sections 4A19, 4A32, 4A46, 4A47, 4A51, 4A64 in TUR L007

Sections 4A78, 4A89, 4B11, 4B12, 4B14, 4B15 in CLB 130

(You MUST go to the room to which your section is assigned – know your section #)

Exam #	1	2	3	4	Final
Begin Date	Jul. 10	Jul. 17	Jul. 24	Jul. 31	Aug. 7

HOLIDAYS (no classes): July 4th

E-LEARNING/SAKAI (CLASS WEB SITE): <http://lss.at.ufl.edu>

Here you will find the syllabus, your gradebook for the class, selected lecture material, files, end-of-chapter problem solutions, class announcements, and other pertinent info for the course. It is your responsibility to check the Class Web Site often (as well as your gradebook) to make sure that you do not miss important announcements and other information and to ensure that your gradebook is accurate.

DISCUSSION CLASSES: The Discussion Classes meet every Thursday. It is fully expected that you attend these classes - during these classes you will go over the Wednesday exams (you will pick up your exams during these classes) and clarify any weaknesses you had with the material. You'll also receive any needed assistance with the week's Online Assessment problems, as well as prepare for the following week's topics. You may go to as many Discussion Classes that you would like to attend, so long as space is available – the schedule of Thursday lecture TAs and locations is in the "Resources" folder in e-Learning.

CHEMISTRY LEARNING CENTER (CLC): Tutoring from graduate student TAs is available in the CLC Mon-Friday in Flint Hall 257. Your discussion TA will have office hours in the CLC, but you may go there anytime any TA is assigned there to get help on questions pertaining to chemistry. A schedule of the TA schedules will be posted in the corridor outside the CLC and also (when available) at the following link:

<http://www.chem.ufl.edu/generalchemistry/CLCOfficehours.shtml>

And, there is the **TEACHING CENTER** located on the ground floor of Broward Hall, if you'd like to use that free resource. Their web site is <http://www.teachingcenter.ufl.edu>.

CONTACTING THE LECTURE INSTRUCTOR / OFFICE HOUR POLICY:

Emails are for administrative purposes only, and not for distance-instruction (my experience has shown that it is almost impossible to adequately teach chemistry via email). Due to the large number of student emails, it is necessary that email queries about information already covered in the syllabus or announced in lecture or on the e-Learning site will be disregarded. If your email is unanswered, re-read the syllabus and/or the announcements posted in e-Learning. All academic inquiries must be made during office hours or before/after lectures (if time permits). If this is not possible, visit the CLC (see above). Please consult the online chapter solutions (if applicable) before coming to office hours.

EXAMS: Four (4) in-class cumulative **Progress Exams** will be given each Wednesday except for the first week of class (see schedule above). Be sure to go to the proper room to which your section has been assigned (either **CLB 130** or **Turlington L007** (see Exam schedule above or "Exam Room Assignments" document in e-Learning). Progress Exams will be returned and reviewed in Discussion Classes on Thursdays. The cumulative **Final Exam** will be given in-class on **Wednesday, August 7th**.

No graphing/programmable calculators are allowed during exams. You must use a non-graphing non-programmable scientific calculator on exams (with log, ln, root, and exponent (scientific notation) functions). Be sure to also bring pencils, **section number**, and your UF ID card. No notes, information sheets, or cell phones allowed.

No makeup Progress Exams will be given for any reason. Since unavoidable situations (illnesses, accidents, emergencies, etc.) do arise occasionally, we've incorporated a dropped-exam policy (the best 3 of 4 Progress Exams will be counted toward your grade - see under "GRADES" below). If you must be absent for an exam due to a documented and approved academic or UF athletic conflict, bring the documentation to your instructor beforehand (at least a week prior to the scheduled exam) so that an early conflict exam can be scheduled. Vacations or trips home or elsewhere are not approved conflicts.

Checking your Scantron: Out of the tens of thousands of exam scantrons that have been scored while I've been at UF, not one has been scored incorrectly. Any discrepancies have always been due to student bubbling error. So checking your scantron has been repeatedly proven to be an exercise in futility. However, **Progress Exam** scantrons may be checked by students during the two (2) established instructor office hour sessions following the posting of the exam score in your Sakai gradebook, after which no further scantron checking will be accommodated.

ONLINE ASSESSMENTS: There will be five (5) online assessments given via the e-Learning web site for this course. The schedule for these assessments is given above – it is up to the student to know the schedule. Each assessment will begin at 12:00am on a Monday and end at 12:00am on the following Monday (i.e., Sunday at midnight). To access the assessments, click on "Assessments" in e-Learning. You'll be given two submission attempts for each assessment. You are to take the assessments during the first attempt "cold", as if you were taking an exam, in order to ASSESS yourself with the material. The second attempt is to be made after you have learned how to do the problems you missed during the first attempt. No makeup assessments will be offered for ANY reason. Computer issues that may arise will not be negotiated. To help assuage any unavoidable conflicts or computer issues that may arise, only the best 4 of 5 assessments count toward your grade – see under "GRADES" below. I strongly suggest doing the assessments early enough to avoid last-minute time or computer issues.

GRADES: Grades for the term will be determined as follows:

Progress Exams (best 3 of 4 @ 150 points)	450 points
Online Assessments (best 4 of 5 @ 25 points)	100 points
Final Exam	200 points
TOTAL	750 points

The following grade cutoffs will be used (these are non-negotiable; grades will not be curved):

90-100% = A 86-89% = A- 83-85% = B+ 80-82% = B 76-79% = B-
73-75% = C+ 70-72% = C 66-69% = C- 63-65% = D+ 60-62% = D
< 60% = E

For further information on UF's Grades and Grading Policies, go to
<http://www.registrar.ufl.edu/staff/grades.html#grading>

HONOR CODE: The [UF Student Honor Code](#) (ctrl+click to open link) applies to all exams and assessments given in this course. Please understand that absolutely NO leniency will be extended in any case of academic dishonesty.

DISABILITIES: Students requesting classroom and exam accommodations should contact the Dean of Students Disability Resources Center at <http://www.dso.ufl.edu/drc/> and obtain the proper forms that need to be processed during the first week of class. It is the student's responsibility to schedule and arrange accommodations with the DRC. Students with disabilities may request special classroom accommodation. See <http://www.chem.ufl.edu/~itl/disabilities.html>. Students may seek mental health counseling at any time. See <http://www.chem.ufl.edu/~itl/counseling.html>.