

Sections: 02FH, 02F1, 02F2, 02F3, 02F4, 02G3, 0713, 0715, 0717

Day: M,W,F **Room:** CLB 130 **Period:** 3 (9.35-10.25 am)

Pre-requisites: Grade C or better in CHM 2045

Co-requisite: CHM 2046L

Instructor: Professor G. Christou

Office: CLB 408

Contact: christou@chem.ufl.edu **TA's:** see the TA assignment sheet

Office Hours: W - 8; R - 4, 9, or by appointment.

Textbook: *Chemistry: The Molecular Nature of Matter and Change* (6th Edition) by Martin Silberberg. Students are advised to read and study the textbook, and do the assigned homework. However, they should remember that the textbook supports the lectures but does not substitute for them. Class attendance is strongly recommended. *Remember: it is the instructor that writes the exams, not the textbook!*

Approximate Course Schedule				
Week	Dates	Chapter	Topic	Exams/Quizzes
1	Jan 7, 8	17	Equilibrium	
2	Jan 12, 14, 16	17/18	Equilbm/Acids-Bases	
3	Jan 21, 23	18	Acids-Bases	
4	Jan 26, 28, 30	18/19	Acids-Bases	Quiz 1: Jan 27
5	Feb 2, 4, 6	19	Other Equilibria	Exam 1: Feb 4 8:20-10:10 pm
6	Feb 9, 11, 13	19	Other Equilibria	
7	Feb 16, 18, 20	20	Thermodynamics	
8	Feb 23, 25, 27	20	Thermodynamics	Quiz 2: Feb 24
9	Mar 1 - 7		SPRING BREAK	
10	Mar 9, 11, 13	21	Electrochemistry	Exam 2: Mar 11 8:20-10:10 pm
11	Mar 16, 18, 20	21	Electrochemistry	
12	Mar 23, 25, 27	14 and 23	Main Group Elements	

13	Mar 30, Apr 1, 3	14 and 23	Main Group Elements	Quiz 3: Mar 31
14	Apr 6, 8, 10	23	Transition Metals	Exam 3: Apr 9 8:20-10:10 pm
15	Apr 13, 15, 17	23	Transition Metals	Quiz 4: Apr 14
16	Apr 20, 22	23	Transition Metals	
			FINAL EXAM	Sat, April 25 7:30—9:30 am

Exam Coverage: Exam 1 will cover material up to (and including) Jan. 30. Exam 2 will cover material up to Feb 27. Exam 3 will cover material up to Apr 3. The Final Exam will be cumulative, but with a slightly greater emphasis on material covered after the Exam 3 cut-off (Apr 3). Any adjustments to these cut-off's will be announced in class.

Make sure you turn up to the correct room for the exam - there are other CHM2046 exams at the same time as ours!

Quizzes: There will be four quizzes that will be given during the Tuesday Discussion Sections on Jan 27, Feb 24, Mar 31 and Apr 14. They are timed to also help you prepare for the exams.

Calculators: You will need a calculator for the quizzes and exams. Bring your own scientific calculator. No graphing calculators or calculators that store equations or other data are allowed. Calculators will not be provided.

Grading:

Quizzes	best 3 of 4	@ 50 points each	=	150 points
Exams	best 2.5 of 3	@ 150 points each	=	375 points
Final		@ 200 points	=	200 points
Total				<hr/> 725 points

Make-up Quizzes or Exams: You are strongly advised to ensure that there is no conflict or other reason that makes you miss a Quiz, Exam or Final. It is very difficult to organize a make-up Quiz or Exam, and only in exceptional circumstances, *and with prior approval of the instructor*, will a make-up be set.

Homework: End-of-chapter problems from the textbook will be assigned, but not collected or graded. These are to provide you practice with the kinds of problems you will face in quizzes and exams.

Other Absences: Attendance records are not maintained. Please understand that you are responsible for being aware of all announcements made and material distributed in class. Missing class, even one class, is an effective means of getting left behind.

Chemistry Learning Center: The CLC, located in Flint Annex 257-258, is a study facility available to all chemistry students. You may work there whenever the building is open, generally up to 10:00 or 11:00 pm weekdays. Please be quiet, and ask others to be so also, when you are in this room. Eating and socializing are to be conducted outside in one of our many courtyards. Chemistry teaching assistants will be available here to answer questions and provide help during most daytime and early evening hours. The times at which the CHM 2046 assistants are available will be posted outside C130 and inside the CLC. You may see your own or any other TA whenever convenient, no appointment necessary. Assistants teaching in other courses should also be able to assist you with most topics, even if they are not currently teaching CHM 2046.

Other Information:

1. Honor code statement: see <http://www.chem.ufl.edu/~itl/honor.html>
2. Students with disabilities: see <http://www.chem.ufl.edu/~itl/disabilities.html>
3. Counseling and Health Care: see <http://www.chem.ufl.edu/~itl/counseling.html>