

CHEMISTRY 108

University at Buffalo

Spring Semester 2008

Announcement Sheet 1

STAFF

<i>Lecturer:</i>	<i>Days</i>	<i>Time</i>	<i>Place</i>	<i>Office</i>	<i>Phone</i>
Dr. James Garvey	M, W, F	10:00 - 10:50AM	Cooke 121	NSC 460	645-6800 x2106
E-mail: garvey@buffalo.edu		Office Hours	Wednesday 11 AM -12N	and by appt.	

Laboratory Director:

Mrs. Priscilla Clarke				NSC 266	645-6800 x2062
E-mail: psc@buffalo.edu		Office Hours:	Wednesday 11:30 AM -12:30PM	and by appointment	

Associate Laboratory Director:

Dr. Valerie Frerichs,				NSC 344	645-6800 x2497
E-mail: zuccari@buffalo.edu		Office Hours:	Th: 11:30 AM - 12:30 PM	& by appointment	

MATERIALS NEEDED

Required:

1. **Text:** McMurry and Fay, "Chemistry, 5th Ed.". Prentice-Hall, 2007.
2. **"Selected Solutions Manual for Chemistry, 5th ed."** By Joseph Topich for McMurry and Fay, Prentice Hall, 2007.
3. **Lab Manual:** Scaife & Beachley, "Chemistry in the Laboratory, University at Buffalo, 10th Ed.", Thomson Custom Publishers 2007.
4. **Lab Materials:** CHE 101-2/107-8 Lab Kit, safety glasses with side shields, padlock for lab drawer.
5. A valid University I.D. card will be required at examinations and for some laboratories.
6. A scientific calculator with arithmetic and transcendental function (sine, cosine, log, *etc.*) capability is required for quizzes and examinations. **Graphing calculators with the capability to store text, cell phones, iPods or other electronic devices are not permitted for examinations or quizzes.**

Recommended:

1. Lab apron

REGISTRATION

Registration Procedure:

If you are not completely registered for lecture and recitation/lab, see Mrs. Clarke in NSC 266 or Dr. Valerie Frerichs in NSC 344.

Important Dates:

- Friday, January 25, 2008: Last day to add or drop a course and/or request S/U or Audit grading option.
Friday, March 28, 2008: Last day to resign a Spring 2008 course with a grade of "R" (by 11pm).
Monday, April 28, 2008: Last lecture day.
Thursday, May 1, 2008: Final Exam period starts.

ABOUT THE COURSE

Lecture:

Students must be registered for lecture and attend all lectures. They should read the text in advance for a better understanding of the lecture and are responsible for learning the material presented whether they attend or not.

Recitation:

Students must be registered for recitation and laboratory (a four hour contiguous time period) as well as for lecture. The recitation period involves discussion of lecture material and homework assignments. Three 15-minute quizzes will be given in recitation during the semester (see schedule) which cover recent lecture material and problem assignments.

Problem assignments are made weekly (see schedule). The assigned problems are available in the DOCUMENTS folder on the CHE 108 Ublearns website. See the schedule on page 6 for the schedule of labs and recitations. Labs are held on dates with an Exp. entry; recitations are held on dates with a homework entry (P#) and no Exp. The sum of the 8 highest problem set grades will be the final homework grade in both classes.

Laboratory:

Student Class Schedule cards DO NOT indicate the correct room for the CHE 108 laboratory sections. All laboratory instruction begins in the recitation room with a pre-laboratory discussion of procedures and safety precautions before proceeding to the laboratory. *CHE108 laboratory sections begin at the same time and in the same room as the scheduled recitation with which they alternate.* The lab instructors will inform their students which laboratory room in the Natural Sciences Complex (NSC) has been assigned to their section.

Safety regulations require that safety glasses and shoes (not sandals) be worn for all lab work. Shorts, halters, midriff tops, roller blades, cell phones, iPods, and “Walkman” type headsets are not permitted. Students will receive one warning for failure to observe the safety glasses requirement. Failure to comply immediately or a second violation will result in expulsion from the laboratory and a grade of 0 (zero) for that day's laboratory work.

Students are expected to read the experiment of the day before the pre-laboratory discussion. CHE 108 students are to write out a flow chart as well as the answers to the pre-lab questions in a legible form and hand them in to their lab instructor at the beginning of pre-laboratory discussion on the day the experiment is conducted. At the conclusion of the lab period, after cleaning up their station, students are to turn in their data sheet and have their instructor initial their lab book. The write-up of the experiment is due at the next lab meeting and turned in prior to the pre-lab discussion. The write-up is assembled and submitted from the pages of the laboratory manual. Photocopies are not accepted. Student I.D. cards must be obtained and used to check out certain laboratory equipment at the stockroom. Direct any questions about lab work to the Laboratory Director, Mrs. Clarke or the Associate Director, Dr. Frerichs.

A laboratory safety awareness test has been scheduled for all recitation/lab sections. The test will be given during the recitation periods held from January 22-26. **Students should read pages 15-21 (Lab Rules and Regulations, Laboratory Safety and Safety Precautions) in the lab manual) to prepare for this test.** Students missing more than two questions on the lab safety test will be required to repeat the test.

Lab Breakage:

Students who incur charges for broken or missing equipment during the semester will be billed by the Office of Student Accounts at the end of the semester. These charges will appear on the next tuition bill.

Check-out Fee:

All students must check out their lab drawer during their regular lab period (with their lab instructor) during the week of check-out (April 21-25, 2008). Those who do not are subject to a \$100.00 check-out fine/penalty plus charges for broken or missing equipment and will have the lock cut off the drawer. (Safety glasses and lab kits will be held in the stockroom for one month only.) Students who drop the course during the semester must check out within one week of dropping to avoid the check-out fine/penalty. Students who are absent from check-out at the end of the semester because of illness must complete a waiver form, available at the Copy Center (NSC 361) to have this \$100.00 fine/penalty waived. This form requires written documentation from a physician verifying the reason for the absence.

Grading:

	<u>CHE108</u>
<u>Recitation</u>	
Quizzes (3 @ 15)	45
Group work (5 @ 3)	15
12 Problem Sets (best 8 @ 3)	<u>24</u>
Recitation Total	84
 <u>Laboratory</u>	
Laboratory Reports (5 @ 10+1)	55
Written Laboratory Final Exam	<u>25</u>
Laboratory Total	80
 <u>Examinations</u>	
Hour Exams (2 @ 100)	200
Final Exam	<u>200</u>
Examination Total	400
 <u>GRAND TOTAL</u>	 564

The final course grade (A-F including +/-'s) is determined strictly on the basis of the total number of points accumulated; individual exams, quizzes, *etc.*, are not assigned letter grades. Students should keep all examinations, quizzes, laboratory reports and problem sets until they have received their course grade. These are the only materials which will be accepted as evidence of clerical error in the determination of the course grade.

Examinations:

Examinations have been scheduled for **Friday, February 22 from 5:00-6:50 PM** and **Friday, April 18 from 5:00 to 6:50 PM**, in **Natural Science 225**. Please clear your calendar for these times! Students should bring their University ID card to all examinations for identification purposes. All examinations are designed to have a class average of 60%. When the class average deviates significantly from this, the scores will be adjusted with the T-score algorithm so that the class average is 60%. Copies of previous year's examinations may be obtained through the computer program CHEMTEST, available in NSC 110.

Make-up Policy:

Students who are unavoidably absent from an exam, recitation, or laboratory must present an excuse (obtain form in NSC 361) and should be prepared to document the absence if requested to do so. Quizzes or laboratories missed because of a valid absence will be prorated on the basis of other work that is done. Make-up Hour exams will be given at 5:00PM on Monday, February 25 for Exam I in Natural Science 201 and at 5:00PM on Monday, April 21 for Exam II in Natural Science 201.

Incompletes:

Students who present a valid written excuse for failure to take the Final Examination either prior to or within 48 hours of that exam will be given a grade of I (incomplete) if they had a passing average after Exam II. Students with failing averages after Exam II are not eligible for incompletes and will be assigned a grade of F if they do not take the Final Examination. The default grade for an incomplete will be computed based on 564 points with the final examination counting 0 points. Incompletes must be removed by examination within 12 months, either by taking a make-up exam to be given early in the fall 2008 semester or by taking a make-up exam at the regularly scheduled CHE108 Final time in May 2009.

Students requesting an incomplete are hereby reminded that University regulations prohibit a second registration in a course for which they currently have an I-grade and that all I-grades must be removed before graduation. Students who stop attending, as judged by their absence from Exam II and the Final Examination, without officially resigning, will be assigned the grade of F and their lack of attendance will be reported to the Office of Financial Aid at the end of the semester.

Handicapped Students:

The Chemistry Department works closely with the Office of Disability Services to make it possible for anyone wishing to take a Chemistry course to do so. Special arrangements can be made for handicapped students who cannot take examinations or quizzes in the normal manner and for those who cannot perform laboratory experiments unaided with the normal equipment. All such arrangements must be made well in advance of the event by contacting Mr. Randall E. Borst, Director of Disability Services, 25 Capen Hall and the appropriate lead instructor; Dr. Garvey for examinations and Mrs. Clarke or Dr. Frerichs for quizzes and laboratory experiments.

Academic Integrity:

The University community depends upon shared academic standards. Academic dishonesty in any form represents a fundamental impairment of these standards. If, after consultation with the student, an instructor believes the student has committed an act of academic dishonesty, the instructor has the authority to impose sanctions in keeping with this principle. The MINIMUM sanctions to be imposed in Chemistry 108 are as follows:

First infraction: The maximum point value for the assignment will be subtracted from the student's point total. A subsequent infraction will result in a minimum penalty of 100 points.

Students should consult the Academic Regulations and Procedures section of the Undergraduate Education Bulletin for a more detailed discussion of possible harsher sanctions and the appeals process.

Academic dishonesty includes, but is not limited to, the following:

1. The possession of crib sheets or unauthorized notes at an examination or quiz, whether or not they are used; the display or answering of any electronic device such as cell phone, iPod, mp3 player, PDA, etc. (Calculator memory banks, calculator cases or other articles are subject to inspection by the proctors.)
2. Copying from another person's examination paper, quiz, or lab report or deliberately allowing another person to copy from you.
3. Changing any of the answers on an examination paper, quiz, or lab report and then requesting that the paper be regraded for additional credit.
4. Reporting of laboratory work not actually done in the laboratory or using data inconsistent with the numbers listed on the data sheet.
5. Copying or altering the copyrighted laboratory computer disks to obtain data without doing the computer experiments as designed.

Miscellaneous:

NSC 361 (the "Copy Center") will serve as a general office during certain (posted) hours for the following purposes:

1. Extra copies of announcement sheets will be available there and on UBLEARNS CHE 108 Web site under Course Documents.
2. Requests for excused absences may be obtained there. These requests must be signed by the appropriate instructor (lecturer for hour exams, recitation instructor for quizzes, and lab instructor for lab experiments) and returned to NSC 361 by the student within seven days of the absence or the date of lab check-out (whichever comes first).
3. Quiz papers which students wish to have regraded must be turned in there within one week after the paper has been returned to the student. The nature of the problem must be specified on an attached sheet. Papers containing "white-out" corrections will not be regraded.
4. Late lab reports must be turned in there. See "Lab Notes Sheets" for due dates of lab reports.
5. Students will be given a dated and initialed receipt for all materials turned in at the Copy Center.
6. A directory for all Chemistry 108 instructors (with office hours listed) will be posted outside NSC 266, 361 and on the UBLEARNS CHE 108 Web site.

Problem Assignments:

Problem assignments will be announced in class and also will be posted on the UBLEARNS Web site.

UBLEARNS CHE 108 Web site Announcements:

Up to date course information and assignments are available through the UBLEARNS CHE 108 Web site. The URL is: <http://ublearns.buffalo.edu>. Information about accessing UBLEARNS is on the Web site.

CHEMISTRY 108 Schedule for Spring 2008

†Under "Recitation" the P's and Q's refer to (P)roblem assignments and (Q)uizzes. All laboratories begin at the same time and in the same room as CHE 108 scheduled recitations.

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Jan. 14	Classes Start				
Jan. 21	Martin Luther King Holiday	Check In/Lab Safety Test	Check In/Lab Safety Test	No Rec/Labs	Check In/Lab Safety Test
Jan. 28	Check In/ Lab Safety Test & Exp. 14 – Chemical Kinetics	Exp. 14 – Chemical Kinetics	Exp. 14 – Chemical Kinetics	No Rec/Labs	Exp. 14 – Chemical Kinetics
Feb. 4	Rec only; Quiz 1	Rec only; Quiz 1	Rec only; Quiz 1	No Rec/Labs	Rec only; Quiz 1
Feb. 11	Exp. 15 – Chem Equilibrium	Exp. 15 – Chem Equilibrium	Exp. 15 – Chem Equilibrium	No Rec/Labs	Exp. 15 – Chem Equilibrium
Feb. 18	Rec only, Review	Rec only, Review	Rec only, Review	No Rec/Labs	Rec only, Review Test 1 (Ch 11, 12, 13, 15)
Feb. 25	Exp. 18 – pH, Indicators & Buffers	Exp. 18 – pH, Indicators & Buffers	Exp. 18 – pH, Indicators & Buffers	No Rec/Labs	Exp. 18 – pH, Indicators & Buffers
Mar. 3	Rec only; Quiz 2	Rec only; Quiz 2	Rec only; Quiz 2	No Rec/Labs	Rec only; Quiz 2
Mar. 10	SPRING RECESS				
Mar. 17	Rec only	Rec only	Rec only	No Rec/Labs	Rec only; Good Friday
Mar. 24	Exp. 20 Galvanic & Electrolytic Cells	Exp. 20 Galvanic & Electrolytic Cells	Exp. 20 Galvanic & Electrolytic Cells	No Rec/Labs	Exp. 20 Galvanic & Electrolytic Cells
Mar. 31	Rec only; Quiz 3	Rec only; Quiz 3	Rec only; Quiz 3	No Rec/Labs	Rec only; Quiz 3
April 7	Exp.23 Anal. of a Metal Complex	Exp.23 Anal. of a Metal Complex	Exp.23 Anal. of a Metal Complex	No Rec/Labs	Exp.23 Anal. of a Metal Complex
April 14	Rec only; Review	Rec only; Review	Rec only; Review	No Rec/Labs	Rec only; Review Test 2 (Ch 14, 16, 17,-22)
April 21	Check Out	Check Out	Check Out	No Rec/Labs	Check Out
April 28	Last Day of Classes	Reading Day	Reading Day	Exams Start	
May 5				Exams End	

Friday, January 25, 2008 - Last Day to Drop Add and Deadline for Undergrad S/U & Audit

Friday, March 28, 2008 - Last Day to Resign spring 2008 courses (by 11pm)