

Course Policies

CHEM 1310 / Fall 2009 / Section A / Dr. Williams / (revised 9/13/2009)

Course Components

Lecture	10 AM, MWF	2.5 hours/week
Laboratory		3 hours once per week
Recitation		1 hour once per week
Exam Period	W 6:05 or 7:05 pm	(common exam, three times during the term)

Lecture Exams will be held on the following dates.

Exam 1	23 September 2009
Exam 2	21 October 2009
Exam 3	18 November 2009
Final	8 December 2009, 11:30 AM

The final exam schedule is available here.

<http://www.registrar.gatech.edu/students/calendar.php>

Please plan your schedule accordingly for the 3 mid-term exams and final exam.

Required Materials

Customized Georgia Tech Editions

**An online e-book is available for Zumdahl that comes with a course code for the enhanced WebAssign electronic homework system or a paper copy with the course code is available at either bookstore.

1. *GT customized version of Chemical Principles* by Steven S. Zumdahl, , 6th ed. 2009. The unabridged 5th or 6th edition has a different order of chapters but is usable.
2. Enhanced WebAssign Course Code (available with textbook bookstore bundle). If you do not purchase the bundle will need to purchase separate access codes for the WebAssign product via their websites (webassign.net) and/or “800” numbers (about \$35). You will utilize WebAssign for assigned problems, access to the Student Solutions Manual and other on-line resources.
3. Interwrite PRS R_f Transmitter (a \$15 rebate is available in the bookstore textbook bundle)
4. Bottomley, Cox, *Chem 1310 Laboratory Manual*, 2009 edition, Hayden-McNeil.

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5. Safety Goggles and a lock for laboratory. These are available at the bookstore or the graduate student forum will have these materials available during the first and second week of classes, outside the lecture hall. The cost is approximately \$8.
6. Calculator (simple +, -, *, /, ln, and log is adequate)
7. Lab apron (optional but recommended, especially if you have nice clothes!)
8. You should maintain a balance of at least \$30 on your Buzz Card so that you can pay for any fees you might incur in lab (breaking glassware, renting safety goggles, etc). Payment will be made at the Annex stockroom.
9. You will not be permitted to work in lab unless you are wearing safety glasses or goggles and closed shoes.

Tutoring and Support

The recitation session should be used to its fullest extent. This is an opportunity to work with other students and one-on-one with a graduate instructor.

Tutoring for freshman level (1000 level) courses is available within most Freshmen residence halls, the GT Student Success Center and OMED.

Attend office hours of your TA and your Professor.

<http://www.successprograms.gatech.edu>

Graduate teaching assistants affiliated with the course will be available for office hours (approximately two hours per week) in the CoC (Chem Annex) room 50 for tutoring for both lecture and laboratory. Students are not required to seek support from their specific teaching assistant. The tutoring support is available from approximately 9 am until 5 pm Monday to Friday.

ADAPTS

Student learning disabilities as documents through this document will be honored as detailed to the instructor. Please inform the course instructor and laboratory instructor within the first week of the course or as soon as possible.

Honor Code

All students are expected to comply with the honor code regulations set forth by this institution. All violations of the honor code will be reported to the office of student affairs. Violations of the honor code can result in a zero on the particular assignment, a letter grade reduction, and can, in some instance, result in expulsion from the institution.

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Course Grades

Exam 1	(23 September 2009)	10%	(100 pts)	(Chap. 1 – 6)
Exam 2	(21 October 2009)	15%	(150 pts)	(Chap. 8 – 12)
Exam 3	(18 November 2009)	15%	(150 pts)	(Chap. 13 – 15)
Final Exam ¹	(date TBA)	20%	(200 pts)	(Chap. 1 – 6, 8 – 17, Lab)
WebAssign	(Post Lecture HW)	10%	(100 pts or more BONUS)	
Other ²		5%	(50 pts)	
PRS Quizzes	(unannounced, in-lecture)	5%	(50 pts)	
Laboratory ³		20%	(200 pts)	
Total		100%	(or 1000 points)	

¹ All students are required to take the final exam in a 1000 level course.

² More information will be provided by your instructor during recitation or lecture regarding this component. Some sections will have GIG model assignments and the traditional recitation sections will have on-line pre-lecture assignments.

³ You **must** pass Laboratory to pass the **overall course**. Teaching Assistants will have the responsibility for establishing laboratory grades. Students are graded on pre-lab quizzes, formal lab reports, summary reports, report accuracy, lab technique and attitude, and a final lab practicum exam. **A grade of 60% or better in the lab is considered passing.** Grades in the 50-59% range may be considered under unusual and exceptional circumstance. Below 55% the extenuating circumstances must be documented. Under no circumstances will lower laboratory grades be considered. If you fail Chem 1310, you must also retake the laboratory component of the course.

You **must** take your mid term exams with your scheduled lecture section's common exam time on Wednesday evenings on the 3 exam assigned dates. The three Mid-term Exams will be approximately 20 multiple choice items, closed book, with no partial credit. One 8.5 x 11 inch "crib" sheet will be permitted for use on each of the three intermediate exams. Only one side of the crib sheet may be used, and they must be handwritten.

Make-up exams will only be given for valid excused absences. If you miss the scheduled exam, you may not take the exam in another CHEM 1310 section. If a student has a *valid excuse* for missing an exam, either a make-up exam will be given within or his/her grade for that exam may

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be calculated from his/her performance on that part of the final exam that covers topics from the missed exam (see Grade Improvement Plan).

Grade Improvement Plan

The final exam will be four sections in length with the first three section representing material from exams 1 – 3, respectively. The remaining section will cover material after exam 3 and laboratory. If you earn higher on a given section than you did on the corresponding exam, that percentage will replace the original score. For example, if a student earns a 75% on exam 1 and a 95% on section 1 of the final exam, the 95% will be used in the grade calculation. All 3 original exam scores may be replaced with the Grade Improvement Plan. You must have attempted the original individual exam or have a written excuse absence.

A crib sheet is not be permitted on the final exam.

The date for your lecture sections Final Exam can be located at the following link. You must attend your sections final exam at the date and time specified.

<http://www.registrar.gatech.edu/students/calendar.php>

WebAssign

WebAssign is an electronic homework system designed to deliver pre and post lecture homework assignments. Pre-lecture assignments only apply to the traditional recitation section students and are due Sundays by midnight. Assignment due dates are posted on WebAssign. All pre-lecture assignments have unlimited attempts.

Working post-lecture homework problems is an essential part of exam preparation. It is OK for students to collaborate on homework. Problems are assigned algorithmically and will vary for each student. All post-lecture homework assignments are due on Thursdays before midnight.

Extra credit Bonus assignments are also available (graded) and may be completed anytime before the class day of classes. The problems are due anytime before the last day of classes.

A detailed schedule for all homework assignments and BONUS problems is posted on WebAssign.

<https://webassign.net/login.html>

Any WebAssign assignments may be completed before the due day and time.

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Students using the 5th edition of Zumdahl (or those who do not purchase the bundle), will need to purchase an access code. Detailed information on how to obtain this code is available online at webassing.net

The first step in the process is self registration. If you have questions, please consult the registration guide on T-Square or your TA will be able to assist with registration.

Two course codes are available for WebAssign. These course codes link you to specific sections of the course. **Please make sure you register using the correct code.**

Instructor	Course Code
Section A (Williams)	gatech 0622 3291

Post-lecture HW Assessment:

- (1.) Five (5) submissions will be allowed for each problem in the homework sets.
- (2.) Homework is due at midnight on the date indicated (using Monday with the one exception for Fall Break)
- (3.) 90% credit will be awarded if correct, but an improper number of significant figures is entered. 100% if the correct value and sig figs are entered.
- (4.) The lowest ATTEMPTED homework will be dropped when grades are computed. If the assignment is not downloaded, a zero that is not dropped will be recorded.
- (5.) Extensions will not be granted with the WebAssign homework assignments.

Course Webpage(s)

Information about the class is be posted on the course webpage:

[web.chemistry.gatech.edu/~williams/bCourse Information/1310/index.html](http://web.chemistry.gatech.edu/~williams/bCourse%20Information/1310/index.html)

Information about the lab is posted on the lab web page

<http://tsquare.gatech.edu>

WebAssign can be accessed directly here. An access key is required.

<https://www.webassign.net/login.html>