

**CH 117  
FALL 2003  
Tentative Lecture/Exam Schedule**

Week		Date	Chapter	Week	Date	Chapter
1	Wednesday	Aug. 20	1	10	Oct. 20	7
	Friday	Aug. 22	1		Oct. 22	7*
					Oct. 24	7
2	Monday	Aug. 25	1	11	Oct. 27	7
	Wednesday	Aug. 27	2		Oct. 29	8
	Friday	Aug. 29	2		Oct. 31	8
3	Monday	Sept. 1	<i>Labor Day</i>	12	Nov. 3	8
	Wednesday	Sept. 3	2		Nov. 5	8
	Friday	Sept. 5	3		Nov. 7	9
4	Monday	Sept. 8	3	13	Nov. 10	9
	Wednesday	Sept. 10	3		Nov. 12	9
	Friday	Sept. 12	3		Nov. 14	9
5	Monday	Sept. 15	3	14	Nov. 17	9
	Wednesday	Sept. 17	4*		Nov. 19	10*
	Friday	Sept. 19	4		Nov. 21	10
6	Monday	Sept. 22	4	15	Nov. 24	10
	Wednesday	Sept. 24	4		Nov. 26	10
	Friday	Sept. 26	4		Nov. 28	<i>Thanksgiving</i>
7	Monday	Sept. 29	5	16	Dec. 1	10
	Wednesday	Oct. 1	5		Dec. 3	Review
	Friday	Oct. 3	5		Dec. 5	Review
8	Monday	Oct. 6	5	<b>FINAL EXAM</b> <b>Thursday, Dec. 11, 11:30 a.m.-</b> <b>2:00 p.m.</b>		
	Wednesday	Oct. 8	5			
	Friday	Oct. 10	6			
9	Monday	Oct. 13	6	<b>*Exams I, II, and III will be</b> <b>given on Thursday</b> <b>from 2:-2:50 p.m.</b>		
	Wednesday	Oct. 15	6			
	Friday	Oct. 17	6			

**CHEMISTRY 117 (FALL 2003)**  
**INFORMATION ITEMS**

**I. INSTRUCTOR and CLASS TIME**

<u>Class time</u>	<u>Instructor</u>	<u>Office Hours</u>	<u>Office #</u>
MWF 10-10:50 a.m.	S. Street	MWF 9-10 a.m.	Lloyd 325
Th 2-2:50 p.m. (recitation)			

More information is available at: <http://www.bama.ua.edu/~sstreet/street.html>

**II. OBJECTIVE**

The objective of this course is to introduce students to the basic facts and principles of chemistry. Some topics include: chemical formulas, reaction stoichiometry, atomic structure, chemical periodicity, molecular structure, covalent bonding theories, molecular orbitals, and the behavior of liquids, solids, and solutions. Problem solving is the key means of learning and showing that you have learned the material. Instruction will also be given in basic technical writing.

**III. TEXT**

The required text is Chemistry and Chemical Reactivity, 4th ed. by Kotz and Treichel. You are fortunate to have a reasonably well-written and organized text. Read it. It is also recommended that each student have access to the student solutions manual, which provides solutions to problems at the end of each chapter.

**IV. LABORATORY MANUAL**

The lab manual is University of Alabama Chemistry Laboratory Manual: Lab Text for CH 101/102, 117/118, 131/132 edited by Whitney and Vincent.

The experiments have been designed to assist the student in learning fundamental chemical principles. We hope that the experiments will also serve as an introduction to the basic laboratory operations and skills needed in the practice of chemistry. Each student **must** purchase a lab manual. Chemistry is a "hands-on" science. Each CH 117 student must take and pass the laboratory. If you fail in the laboratory, you **fail** the course, no matter how well you perform in the lecture. More information about the laboratory will follow.

**V. COURSE GRADES**

Your final course grade is determined from the following:

<u>Exam I</u>	<u>Exam II</u>	<u>Exam III</u>	<u>Writing</u>	<u>Lab</u>	<u>Final</u>	<u>TOTAL</u>
100 pts	100 pts	100 pts	100 pts	100 pts	150 pts	650 pts

## A. Exams

You must bring your ACT card, driver's license, or other photographic identification to all exams in order to receive a grade. Students are strongly encouraged to take all regularly scheduled hour exams. However, should you have to miss one of these exams and can provide a reasonable excuse (with appropriate documentation, as required) you will be permitted to use your score (calculated as a percent) on the final exam as a makeup score for the (one) test you missed. This would make your final exam worth 250 points. This is really not a very good option; every effort should be made to take the exams as scheduled. Only one exam may be made up in this fashion.

Anyone who receives less than a 70 on any regular hourly exam (Exams I-III) may take a make-up exam one week after the initial exam by first qualifying by working the initial exam perfectly. A student scoring 80 or better on the subsequent make-up exam will receive a 75 for the exam grade, replacing the <70 score entered for the initial exam. Score less than 80 on the make-up, and you get the original grade, unmodified. BEWARE: the make-up exams are much more difficult than the initial exams.

**No programmable calculators, language translators, PDAs, pagers, cell phones or other electronic devices are allowed in any exam, except by explicit permission.** Students should bring standard, non-programmable calculators to all exams.

## B. Grading Scale

A = 90 - 100

B = 80 - 89

C = 70 - 79

D = 60 - 69

F = < 60

"+" and "-" will be used at the instructor's discretion.

## C. Writing

Not enough attention is paid to writing skills in the sciences. We will address this deficiency with a series of reading and writing assignments. More information will follow.

## VI. EXTRA HELP/REVIEW SESSIONS

Review Sessions - Depending on demand, review sessions may be scheduled prior to exams.

Office Hours - The course instructor has designated office hours, during which students may ask questions and receive individual help. Do not overlook this resource.

Learning Skills Center - The Learning Skills Center is located in Osband Hall, and is loaded with helpful materials for CH117. Please visit the center to determine if the available materials might be useful in your study of chemistry.

Note that videotapes of the lectures are available in the Learning Skills Center. You may find these tapes helpful if you miss a lecture or simply want a review.

The Writing Center – You should be aware that the English department maintains a Writing Center, 125 Morgan Hall ([http://www.as.ua.edu/english/ugrad/wr\\_ctr.htm](http://www.as.ua.edu/english/ugrad/wr_ctr.htm)).

## **VII. RECITATION SESSIONS (2-2:50 p.m. Thursdays, Lloyd 230).**

CH 117 will meet on Thursday afternoons. This time will be used for exams, make-up exams and recitation sections. Recitation sessions are used primarily for problem solving and general review. We will also use this time for writing tutorials.

## **VIII. WHO SHOULD TAKE CH-117?**

Prerequisite: Membership in the University Honors Program or chemistry department placement with mathematics background sufficient for enrollment in MATH 112. Anyone without these prerequisites should notify the instructor immediately.

## **IX. ATTENDANCE POLICY**

It is the near-universal experience in college chemistry that students who attend class faithfully make higher grades than those who do not. A recent study in the Department of Chemistry found that *every* student who earned a grade of D or F had a large number of absences. This is, in part, because some of the problems presented in class show up on exams, for instance. Thus, you are strongly advised against missing class.

In the laboratory, **attendance is required**.

## **X. ACADEMIC MISCONDUCT**

All acts of dishonesty in any work constitute academic misconduct. The Academic Misconduct Disciplinary Policy will be followed in the event of academic misconduct. There is a difference between working on problems together in a study group and the simple copying of answers. For the recognition of this kind of essential difference you are on your honor.

## **XI. DISABILITY ACCOMMODATIONS**

To request disability accommodations, please contact the Office of Disability Services at 348-4285. After initial arrangements are made with that office, contact the professor.

