

**CH 102-002 MWF 10-10:50 AM Spring 2004
Tentative Lecture/Exam Schedule**

Week		Date	Chapter	Week	Date	Chapter
					March 8	18
1	Wednesday	Jan. 7	12	10	March 10	18*
	Friday	Jan. 9	12		March 12	18
	Monday	Jan. 12	12		March 15	18
2	Wednesday	Jan. 14	12	11	March 17	19
	Friday	Jan. 16	12		March 19	19
	Monday	Jan. 19 no class			March 22	19
3	Wednesday	Jan. 21	13	12	March 24	19
	Friday	Jan. 23	13		March 26	19
	Monday	Jan. 26	13		Mar 29-April 2	
4	Wednesday	Jan. 28	13	13	Spring Break	
	Friday	Jan. 30	14			
	Monday	Feb. 2	14	14	April 5	20
5	Wednesday	Feb. 4	14		April 7	20
	Friday	Feb. 6	14		April 9	20
	Monday	Feb. 9	15		April 12	20
6	Wednesday	Feb. 11	15*	15	April 14	21
	Friday	Feb. 13	15		April 16 no class	
	Monday	Feb. 16	15		April 19	21
7	Wednesday	Feb. 18	16	16	April 21	21*
	Friday	Feb. 20	16		April 23	21
	Monday	Feb. 23	16		April 26	21
8	Wednesday	Feb. 25	16	17	April 28	21
	Friday	Feb. 27	17		April 30	Review
	Monday	March 1	17	* Hour Exams 5 – 6:20 PM		
9	Wednesday	March 3	17			
	Friday	March 5	17			

Final Exam May 7th 11:30 AM – 2 PM

I. INSTRUCTOR:

Dr. Shane Street

Office hours: MWF 9- 9:50 AM

Office: 325 Lloyd Phone: 348-5957 Email: sstreet@bama.ua.edu

II. OBJECTIVE

The objective of this course is to introduce students to the basic facts and principles of chemistry. Some of the topics included are: gas laws, kinetics, acid/base theory, equilibrium, thermodynamics, and electrochemistry. Prerequisite: CH 101 or equivalent.

III. TEXT

The text is Chemistry and Chemical Reactivity, 4th ed. by Kotz and Treichel. It is recommended that each student should have access to the student solutions manual, which provides solutions to new problems at the end of each chapter.

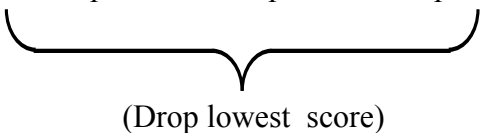
IV. LABORATORY MANUAL

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. Each student **must** purchase a lab manual. In addition, each student must enroll and pass the laboratory.

V. COURSE GRADES

<u>Exam I</u>	<u>Exam II</u>	<u>Exam III</u>	<u>Quizzes</u>	<u>Lab</u>	<u>Final</u>	<u>TOTAL</u>
100 pts	100 pts	100 pts	100 pts	150 pts	150 pts	600 pts


(Drop lowest score)

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 (Exams I, II, and III). However, should you have to miss one of these exams and can provide a written, reasonable excuse, you will be permitted to use your score (calculated as a percent) on the final exam as a makeup score for the test you missed. In essence this would make your final exam worth 250 points. This is really not a very good option— so every effort should be made to take these exams as scheduled. **No programmable calculators, language translators, pagers, cell phones, or similar electronic devices are allowed.**

Please note that all sections are also scheduled to meet on Wednesday evenings at 5 p.m. These Wednesday sessions will be used for exams.

B. Quizzes

A quiz will be given each week (except the first and last week of the semester and during exam weeks). Most of the questions will be taken from the end of chapter problems. A percent will be computed from the highest 10 quiz scores. **NO make-up quizzes will be given.**

C. Grading Scale

A = 90 - 100

B = 80 - 89

C = 70 - 79

D = 60 - 69

F = < 60 Plus and minus grades will be decided at the instructor's discretion.

VI. EXTRA HELP

Learning Skills Center - The Learning Skills Center is located in Osband Hall, and is loaded with helpful materials for CH-101 and 102. Please visit the center to determine if the available materials might be useful in your study of chemistry.

Please note that videotapes of the lectures (for both CH 101 & 102) are also available in the Learning Skills Center. You may find these tapes helpful if you miss a lecture or simply want a review.

VII. RECITATION SESSIONS (5-6:20 P.M. Wednesday).

All sections of CH-102 are scheduled to meet on Wednesday evenings. These times will be used for exams and the remaining dates will be recitation sections. These sessions will be used primarily for problem solving and general review.

VIII. END OF CHAPTER PROBLEMS

<u>Chapter</u>	<u>Title</u>	<u>Problems at end of chapter</u>
12.	Gases and Their Properties	14, 16, 20, 22,26, 28, 32, 44, 46,48, 52, 62, 64, 68
13.	Intermolecular Forces	16, 20, 22, 24, 26, 30, 36, 42 44, 56, 58, 60
14.	Solutions and Their Behavior	10, 12, 14, 18, 24, 28, 34, 36 38, 40, 42, 46, 48, 54, 58, 64,66
15.	Chemical Kinetics	18, 22, 24, 26, 28, 32, 34, 38, 40 42, 44, 48, 50, 54, 56
16.	Chemical Equilibria	8, 10, 12, 16, 18, 20, 22, 26, 30 32, 34, 38, 42, 44, 46
17.	The Chemistry of Acids/Bases	12, 14, 22, 24, 34, 36, 38, 40, 42, 46, 48, 56, 60, 62, 66, 74, 78, 96
18.	Reactions between Acids/Bases	10,12, 18, 20, 36, 38, 40, 42, 52, 54 58
19.	Precipitation Reactions	12, 16, 20, 26, 30, 32, 36, 42, 44, 50 56, 60, 66
20.	Entropy and Free Energy	4, 18, 22, 32, 38, 40, 56
21.	Electron Transfer Reactions	20, 24, 30, 34, 38, 40, 44, 62

IX. ATTENDANCE POLICY

The following sentence is quoted from the 2002-2004 Undergraduate Catalog. “ **Students are expected to attend all classes for which they are Registered**”.

In the laboratory, **attendance is required and roll will taken.**

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.

XI. DISABILITY ACCOMMODATIONS

If you require disability accommodations, please contact Disability Services in the Center for Teaching and Learning (348-4285).

XII. IMPORTANT DATES

January 14 Last day to withdraw from the University (all classes) for registration charge

January 14 Last day to register or add a course

February 4 Last day to withdraw from the University (all classes) for 25% tuition charge

February 25 Last day to withdraw from the University (all classes) for 50% tuition charge

February 26 100% tuition charge (no refund beginning this date)

March 17 Last day to drop a course(s) from the schedule (but retain at least one class)