

Chemistry 105

SYLLABUS

Summer 2008

Professor: Dr. John Burden
Office: LL37, Chemistry Building
Phone: 585-9911 x2452
e-mail: Jburden@spalding.edu
Office Hours: By appointment

Lecture: MTWRF 8:40-10:40 A.M.
Location: Davidson Hall 203

INTRODUCTION

Chemistry 105 is a four credit hour course designed for students in the Allied Health Sciences. We will cover the basic concepts of general, organic, and biological chemistry. Some of the topics to be covered include: periodicity, bonding, states of matter, solution chemistry, acid-base chemistry, organic functional group chemistry, carbohydrates, lipids, proteins, and nucleic acids (DNA and RNA).

Text: *General, Organic, and Biological Chemistry* by James Armstrong.

Attendance Policy: Although attendance is not mandatory, you will be responsible for all material covered in lectures. If you are absent, it will be your responsibility to obtain lecture notes. I will not be able to cover everything that appears in the textbook, and I may incorporate information into the class that is not covered in the textbook. Therefore, it is important that you try and make it to every lecture. There are no make-up exams. A missed semester exam will count as a zero. There are some cases where a student may miss an exam for a justifiable cause. Students should inform the Instructor as soon as possible and provide some evidence (such as a doctor's note). If you must miss an exam for a legitimate reason, please inform the Instructor as soon as possible, preferably before the Exam. In order to be able to make up a missed Exam, the Instructor must be notified as soon as possible.

Grading: There will be four exams (100 points each) during the course of the semester. The exam dates are: June 10, June 18, June 26, and July 3. There is a total of 400 points possible for the semester.

Final Grade: The final letter grade for the course will be assigned according to the scale below. The Instructor reserves the right to apply a curve to the final grades at the end of the semester.

A	B	C	D	F
≥ 88 %	76 % - 87.9 %	64 % - 75.9 %	52 % - 63.9 %	< 52 %

Problem Solving: Understanding chemistry is much easier if you practice solving a lot of problems. Suggested problems from each chapter will be announced in class. Study the chapter material before attempting the homework problems, and avoid the temptation to look up the answer before really trying to solve the problem. The more problems you do, the better you will get.

The following is a tentative schedule for the semester. The instructor reserves the right to modify the schedule. If any changes are necessary, they will be announced in class. Remember: some material may be covered that is not in the textbook, and the instructor may provide supplementary materials as necessary.

<u>Date</u>	<u>Content</u>
6/3	Chap. 1
6/4	Chap. 1
6/5	Chap. 2
6/6	Chap. 2
6/9	Chap. 3
6/10	EXAM I
6/11	Chap. 3
6/12	Chap. 5
6/13	Chap. 5
6/16	Chap. 5
6/17	Chap. 6
6/18	EXAM II
6/19	Chap. 6
6/20	Chap. 6/7
6/23	Chap. 7
6/24	Chap. 7
6/25	Chap. 13
6/26	EXAM III
6/27	Chap. 13
6/30	Chap. 13/14
7/1	Chap. 14
7/2	Chap. 14
7/3	EXAM IV