

**CHMY 121
FALL 2009**

INSTRUCTOR: Dr. Rhonda Dillman

OFFICE: Sci 245

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OFFICE HRS: 10:30 am-12:00 noon MWF or by appt

REQUIRED MATERIALS:

1. Text: "Fundamentals of General, Organic and Biological Chemistry" 6th ed by McMurry, et.al – packaged with MasteringChemistry needed for online homework
2. Calculator – a simple scientific calculator that does logs and scientific (exponential) notation is all you need. **You may NOT use your cell phone in any capacity during exams!**

COURSE OBJECTIVES:

1. To develop the basic vocabulary of chemistry.
2. To learn a basic understanding of the scientific method and its use in chemistry.
3. To learn a basic understanding of the elements, chemical structure, chemical bonding and chemical reactions.
4. To understand the physical states of matter, solutions and acid/base chemistry.

CLASS GUIDELINES:

1. Attendance is not required (except on exam days) but is highly recommended! I sometimes give extra credit during the class period. If you are not present you miss out! You are responsible for any additional information I present to the class that is not found in the text book.
2. Read the material before you come to class. Lectures will make more sense if you have seen the material before. It is important to keep up with the material. Chemistry is a very comprehensive subject. It is hard to play catch up!
3. Work as many problems at the end of the chapters as possible and any extra problems that I give you. Working problems is the best way to determine if you truly understand the material.
4. **ASK QUESTIONS** and come in for extra help as soon as you start having problems-don't wait until it's too late.
5. **Please turn off your cell phones before you come to lecture-especially on exam days!!**

OUTCOMES ASSESSMENT (GRADING):

1. Exams may consist of a combination of multiple choice, short answer and problems. The point value for each exam will be 100 points.
2. Exams **must be taken at the assigned time** unless excused beforehand.
3. There will be a **comprehensive final that everyone must take**. It will be all multiple choice and it will be worth 200 points.
4. Homework will be online through the MasteringChemistry program that came with your text book. Each homework set will be worth 20 points. Make sure to check due dates on assignments. You only have 1 day grace period and even then you can only get 50% of the points.
5. The grading scale will be as follows. However there may be a curve at the end of the semester.

A 90 and above

B 80-89

C 65-79

D 50-64

F 49 and below

****Incompletes will be given for medical excuses/family emergencies only****

**CHMY 121
CLASS SCHEDULE**

DATE	MONDAY	WEDNESDAY	FRIDAY
SEPT 9-11		INTRO	CH 1
SEPT 14-18	CH 2	CH 2	CH 2/3
SEPT 21-25	CH 3	CH 3	REVIEW
SEPT 28-OCT 2	EXAM #1 (CH 1-3)	CH 4	CH 4
OCT 5-9	CH 4/5	CH 5	CH 5
OCT 12-16	REVIEW	EXAM #2 (CH 4-5)	CH 6
OCT 19-23	CH 6	CH 6	REVIEW
OCT 26-30	EXAM #3 (CH 6)	CH 8	CH 8
NOV 2-6	CH 8/9	CH 9	CH 9
NOV 9-13	REVIEW	XXXXXXXXXX	EXAM #4 (CH 8-9)
NOV 16-20	CH 7	CH 7	CH 7/10
NOV 23-27	CH 10	*****THANKSGIVING BREAK*****	
NOV 30-DEC 4	CH 10	CH 10	REVIEW
DEC 7-11	EXAM #5 (CH 7/10)	FINAL REVIEW	FINAL REVIEW

***FINAL EXAM – Wednesday, Dec 16 from 8:00-9:50 am **Final is comprehensive and mandatory.**

***This schedule is subject to change at anytime throughout the semester.

CHAPTER LISTING

Ch 1 – Matter and Life

Ch 2 – Measurements in Chemistry

Ch 3 – Atoms and the Periodic Table

Ch 4 – Ionic Compounds

Ch 5 – Molecular Compounds

Ch 6 – Chemical Reactions: Classification and Mass Relationships

Ch 7 – Chemical Reactions: Energy, Rates, and Equilibrium

Ch 8 – Gases, Liquids and Solids

Ch 9 – Solutions

Ch 10 – Acids and Bases

POLICY ON ACADEMIC HONESTY: All students are expected to adhere to the highest standards of academic honesty and refrain from any action that is dishonorable or unethical. In all examinations and homework, students are expected to submit their own work. Any violation of Academic Honesty Policy will be dealt with severely.