

CHEM 1411 Fall 2006 Carolyn S. Judd, M.A.
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My Office Hours by email MTWRF carolyn.judd@hccs.edu
7:30 to 8 AM Monday BSCC305
1 to 3 PM Tuesday JDB100
7:30 to 8 AM Wednesday SJAC314

Free Tutoring for Chemistry & Physics: Start Date: Tuesday, Sept. 5

WW252 713-718-6559

noon to 5:00 PM MTWTh

1:00 PM to 5:00 PM Fri & Sat

Important Information from HCCS Administration:

"Students who repeat a course for a third or more times may soon face significant tuition/fee increases at HCC and other Texas public colleges and universities. Please ask your instructor / counselor about opportunities for tutoring / other assistance prior to considering course withdrawal or if you are not receiving passing grades."

Conferences with me:

Please keep me aware of any special circumstances which impact your progress in this course. I am anxious to do all that I can to help all of you succeed in CHEM1411. Students considering dropping the course should consult with me first (email, phone, personal appointment, office hours.) Your progress may be better than you think! You could also visit with our Academic Advisor, Ms. Yvonne Hernandez (713.718.6105), Room SJAC118A.

Overview of CHEM1411 General Chemistry I:

- Freshman chemistry course for all science and engineering majors
- Prerequisites: high school chemistry (or equivalent) + college algebra
- Three hours of lecture + three hours of lab each week = 4-credit course
- Content: Chapters 1 – 11 (Textbook) + appropriate experiments (Laboratory)
- Mandatory course in order to take Organic Chemistry
- Core Curriculum course.

Required Materials:

- **Text:** Raymond Chang, Chemistry, New York. McGraw-Hill. 2007 (9th ed.)
- **Lab Manual:** Catalyst: the Prentice Hall Custom Laboratory Program for Chemistry/Houston Community College. Boston. Pearson Custom Publishing. (2005)

- **Safety Goggles** (Central Bookstore or elsewhere) - safety glasses are not OK
- **Calculator** with Exp and Log functions

Useful Links:

- **WebcT for HCC-Central:** passwords will be furnished
- **Textbook HomePage:** Codes will be furnished
- **ChemSkillBuilder:** Codes will be furnished
- **WebElements:Periodic Table:** <http://www.webelements.com>
- **HCC-Central:** <http://college.hccs.edu/>

Click on "The Learning Web" for links to Instructor's WebPage & Computer Lab Locations

Disability Support Services:

Any student with a documented disability (physical, learning, psychiatric, vision, hearing, etc.) who needs to arrange reasonable accommodations must contact the Disability Services Office at Central College (Room SJAC102 or call 713-718-6164) to make necessary arrangements at the beginning of each semester.

Hints for success in the course:

- **Plan to study at least 6 hours each week on chemistry.**
- Go to a tutor at least once a week
- Come to class—on time and ready to work.

- Bring your calculator to every lecture and lab and use it.
- **(Quiz Source)** Read the **chapter SUMMARY prior to lecture & work through the Sample Exercises**
- Work all the assigned problems sets —practice is the key to mastery.
- Read and outline experiments prior to the lab - for safety and for efficiency.
- Form study groups— often WW252 is a great place to gather

Special Clarifications:

- Students will be given credit ONLY for independent work. In case of duplicate work, neither student will receive credit. Do not let other students copy from you.
- Student may be dropped if the student is absent for more than 12 hours of class.

Grading:

Assessment	% of Total
Four Regular Exams (1.5 hrs each) (One Exam will be dropped)	45%
Short Quiz every lecture class over assigned Chapter (One will be dropped)	5%
Final Exam (Comprehensive, Departmental; 2 hrs.)	30%
Chemistry Labs (One Experiment will be dropped)	20%
Total	100%

The Final Score is calculated as follows:

0.45 (Average of three regular exams) + 0.05 (Short Quiz Average) + 0.20 (Lab grade) + 0.30 (Final Exam)
= Numerical Grade for the Course

Grade System:

A = 90 --> 90+; B = 80 --> <90; C = 70 --> <80; D = 60 --> <70; F = <60

Exam Details:

- **Students may not leave the room during Exams**
- **Only independent work will be graded.**

Regular Exams:

Multiple Choice format
One Exam will be dropped

Final Exam:

Final Exam must be taken by all students.
Comprehensive, Departmental
67% Multiple Choice format and 33% Essay or “Show your work” calculations

Problem Sets (sources for Exam questions):

Sample/Practice Problems within each chapter
Chang Problems: end of chapter problems
GroupWork Sets: worked in class
• **Sample exams will be posted on the Chang Website**

Chemistry Labs:

- See Syllabus for schedule of experiments
- The Poster Assignment is mandatory for all students and counts as an Experiment.
- Prior to entering the lab, student must present a single sheet of paper with the following information:
 - Title of Experiment
 - Purpose of Experiment (only one sentence)
 - A short paragraph describing three activities you will do in the experiment.
- Students will be assigned to rotating groups of 3 or 4
- Prior to leaving the laboratory, students will turn in the completed report for the experiment.
- Any student arriving 20 minutes after the start of the lab will not be allowed to perform the lab for that day
- Only those students practicing safe laboratory habits will be allowed to remain in the lab.
- Students will not be given credit if their work is copied from another student.
- There are no MAKE-UP LABORATORIES. The lowest lab grade (except for the Poster) will be dropped.)