

**Chemistry 1410-001**  
**General Chemistry II**  
**Spring 2005**  
**Lecture: 9:00 - 9:50 MWF PHYS 4157**  
**Office Hours: 10:00 – 10:45 MWF, 3:00 – 3:50 MW**

TEXT: Chemistry, 8th Edition, Raymond Chang

INSTRUCTOR: Dr. Jonathan P. Blitz (Office S-3450, phone 581-6369, E-mail [jpbblitz@eiu.edu](mailto:jpbblitz@eiu.edu))

COURSE WEB SITE: <http://www.ux1.eiu.edu/~cfjpb/teaching/genchem2/gen2home.htm>

GENERAL

Deadline to drop course without a grade:	Jan. 24
Deadline to withdraw from course with W:	Mar. 11
Deadline to withdraw from course (WP/WF):	Apr. 1
Final Exam:	Tuesday, May 3 at 8:00AM

COURSE OVERVIEW

From the catalog: “The second semester of the general chemistry sequence. Principles and applications of equilibrium, kinetics, thermodynamics, and electrochemistry. CHM1415 must be taken concurrently. Prerequisites: CHM1310G with a grade of C or better and CHM1315.” We will follow the schedule provided at the following web address (<http://www.eiu.edu/~eiuchem/GenChem/>) fairly closely. If you have a documented disability and need assistance please contact me and we’ll work it out.

COURSE GRADE

The course grade will be determined as follows:

- Three or four 50 minute tests worth 100 points each.
- Quizzes + ChemSkill Builder homework assignments worth a total of approximately 100 points.
- One final examination worth 100 points. This final will probably be a comprehensive American Chemical Society multiple choice standardized exam.

The following grades are guaranteed if your overall course score is greater than or equal to the following:

<u>OVERALL COURSE SCORE</u>	<u>OVERALL COURSE GRADE</u>
≥90%	A
≥80%	B
≥70%	C
≥60%	D

### Comments & Study Techniques

1. Some may have found the 1<sup>st</sup> semester course relatively easy because it is largely a review of high school chemistry. Unless you took two years of high school chemistry, that is AP chemistry, this will be new material. While this material is perhaps only slightly more difficult, some students struggle because it is new, a little more math is required, and the effort to learn it is greater than expected.
2. A website will be updated with assigned problems by chapter, keys for all quizzes and tests, and ChemSkill Builder assignments. This syllabus is also posted. My web address is <http://www.ux1.eiu.edu/~cfjpb/> You can navigate to the Gen Chem II home page by clicking on Teaching --> General Chemistry --> 2<sup>nd</sup> Semester General Chemistry Home Page.
3. There is no attendance policy, but missing class is a bad idea. You are responsible for your own success. I enjoy helping those who work hard.
4. How do you study for this class? Work the assigned problems not long after they're assigned. Cramming for a class like this does not work well. Unless you study, i.e. work the assigned problems in a timely fashion, you're not keeping up. Even though you may think you understand what I am doing in class, you probably don't unless you are working the problems.
4. Aside from working problems, it is an excellent idea to rewrite your lecture notes the same day as the lecture. Important thoughts will invariably be given in lecture which you cannot get down on paper. If you rewrite your lecture notes the same day, before the lecture is forgotten, much improved notes for studying will result. Not to mention the fact that you will learn a lot just by rewriting and thinking about the lecture.
5. Study in groups of 2 or 3. Quiz each other.
6. Work problems. If you're not working problems, *without notes or answers in front of you*, you're not studying effectively. When taking quizzes and exams you will not have the benefit of notes or answers to work from. Study the way you will be tested. When I work problems in class it looks easy. It's not so easy. To be prepared, you must work the problems. It may not be pleasant, and it's hard work, but it's the truth. Work the problems more than once until you can work them without help from text or notes.
9. It's OK to make mistakes. Ask questions. This stuff can be difficult. You must ask for help if you need it, nobody will chase you down to provide that help. I am happy to provide help, but it's up to you to ask for it.

### POLICIES

50 minute tests will primarily cover material from the previous test through the topic specified. You are expected to be there to take the test. **THERE WILL BE NO EXCEPTIONS.** Don't risk flunking the class by not showing up for a test. It has happened in the past, and will happen in the future. Make sure this does not happen to you. You must notify me before missing a test. The earlier you let me know the more understanding I will be. If you notify me after the exam, or during an exam by, for example, voice mail, a grade of 0 will be recorded. This is written here in no uncertain terms because this policy will stand. Permission to take a make-up exam will only be granted after you have consulted with me in person. If permission is granted, you will take a test which is considerably more difficult than the regularly scheduled exam. Of course if you know way in advance that you have a conflict, or some unforeseeable event occurs, which is documented, I can be reasonable.

There is no quiz schedule as yet, but quiz times will be announced prior to the day they are given. Quizzes will be given during the final 10 minutes of class time. You must be present throughout the lecture to take the quiz. There are no make-up quizzes with the exception of university sanctioned, mandatory events (i.e. intercollegiate athletics, assuming a schedule is provided at the beginning of the semester). The lowest quiz grade will be dropped.

ChemSkill Builder homework assignments will be announced in class. A due date for those homework assignments will be given, at which point grades for those assignments will be downloaded. Homework assignments done after the due date will be as if they were not done for the purposes of computing a grade.