

CHM 1312.001: General Chemistry II

Fall 2005

TTh: 9:30-10:45 AM, Rm. GR3.420

- Instructor:* Dr. Warren J. Goux Associate Professor, Chemistry
Office: GR 3.420 Phone: 972-883-2660
Email: wgoux@utdallas.edu
- Office Hours:* TBA
- Prerequisite:* One year of high school chemistry and one semester of college general chemistry (e.g. CHM 1311) are required
- Text:* *Chemistry: Matter and Its Changes, Fourth Edition*
by James E. Brady and Fred Senese
- Supplemental Texts:* *Study Guide for Chemistry: Matter and Its Changes, Fourth Edition*, by Brady
Student Solutions Manual for Chemistry: Matter and Its Changes, by Nicholas Drapela
- Computer:* Relevant course material may be posted at <http://blackboard.utdallas.edu>. This material may include solutions to quizzes and exams. You may log onto the Blackboard site using your UTD assigned net ID and password. If you do not know your UTD NetID, you can retrieve it at <http://netid.utdallas.edu/>. Accessibility information can be found at <http://access.blackboard.com>. Mail sent to you by the instructor will be sent to your university email address. If you wish to use other email addresses, you will need to visit <http://netid.utdallas.edu/> and set up mail forwarding. In order to comply with the UTD policy that all official correspondence be to the UTD email address, instated on 1 August 2004, administrators are keeping the UTD email address in the Blackboard profiles.
- Additional supplementary information may be found at <http://www.utdallas.edu/~dieckgr/>
- Grading:*
- | | |
|--------------------------------------|--------------------|
| Quizzes | 15% of total grade |
| Best 2 of 3 1-hour exams at 25% each | 50% of total grade |
| One comprehensive 3-hour final exam | 35% of total grade |
- Hmwk & Quizzes:* Homework problems will be assigned but will not be collected or graded; their goal is to assist your study of the subject matter. Answers will be available on the Blackboard website. Quizzes will be given in review of chapter material and quiz dates will be announced in class at least one class period prior to the quiz. Quizzes will review homework problems or your understanding of important concepts covered in the lecture material. There will be **NO MAKEUP QUIZZES (PLEASE DON'T ASK ABOUT THEM!)**; any quiz missed will receive a grade of zero (0). Your total quiz grade will be determined on the basis of your best quiz scores, after having dropped your lowest quiz grade.

- Exams:* All exams must be taken during the scheduled time during class hours or during the final exam week. There will be **NO MAKEUP EXAMS (PLEASE DON'T ASK ABOUT THEM!)**; any exam missed will receive a grade of zero (0). Your total interim exam grade will be determined by your two highest interim exam grades. The final exam will be comprehensive and **cannot be substituted** for any other exam.
- Final Exam:* The final exam will be **COMPREHENSIVE** and cannot be replaced by any other grade, so **DON'T MISS IT!** The time of the final is set in stone by the University (*no makeup final will be given*). **NOTE the final exam date and time (see schedule).**
- Attendance:* Your attendance and class participation will have an impact on your final grade. Taking an active role in your learning will (guaranteed) help you perform better. And remember: if you end up close to a grade cutoff, class participation will be considered.

KEYS TO SUCCESS IN CHEM 1312:

- Be prepared for lectures by reading the assigned chapters before class. This will enable you to understand the lectures more thoroughly and allow you to formulate questions in class. Reread the chapter as necessary.
- Avoid getting behind. It is my estimation that the vast majority of students who do poorly in this class do so because they fall behind. The pace of the class can be quite fast and it is, therefore, essential that you study on a daily basis.
- Work the exercises in the chapters and the assigned homework problems on a regular basis and certainly before attending help sessions. You learn chemistry by doing it - there are no shortcuts. Please note that the answers to the in-chapter practice exercises and the even-numbered problems are at the back of your text.
- Make use of your instructor's time/office hours. I welcome your visits at most other times when my office door is open. Take advantage of this resource! I am committed to helping you succeed in this course, but your success will require dedication and hard work on your part.
- Attend and participate in Help Sessions offered by the instructor or the **SI**.
- Use the Learning Aids provided at the end of each chapter in your textbook:
 - Understand the **“Tools you have learned”** section.
 - Challenge yourself with the **“Thinking It Through”** problems.
 - Read/scan/review **chapter summaries**.

CHM 1312, Fall 2005 Topics Schedule

Period	Date	Chapt	Topic
1	18-Aug	20	Thermodynamics
2	23-Aug		
3	25-Aug		
4	30-Aug	12	Intermolecular forces
5	1-Sep		
6	6-Sep		
7	8-Sep	Exam 1	
8	13-Sep	14	Solutions
9	15-Sep		
10	20-Sep		
11	22-Sep	16	Chemical Equilibrium
12	27-Sep		
13	29-Sep		
14	4-Oct	Exam 2	
15	6-Oct	17	Acids and Bases
16	11-Oct		
17	13-Oct		
18	18-Oct	18	Acid and base equilibria
19	20-Oct		
20	25-Oct		
21	27-Oct	Exam 3	
22	1-Nov	19.1-19.3	Solubility
23	3-Nov		
24	8-Nov	21	Electrochemistry
25	10-Nov		
26	15-Nov		
27	17-Nov	15	Kinetics
28	22-Nov		
29	29-Nov		
30	1-Dec	Final Exam 8:00 - 11:00 am	