

# UCCS CHEM 101 Course Syllabus, Spring 2009

## Course:

- Introduction to Chemistry I
- Monday & Wednesday, 1:40 – 3:20 pm, SCI 244
- *Labs meet according to section enrolled*

## Instructor:

- Dr. Sonja Braun Sand
- Office hours (SCI 238): M, W 10:00-10:40 am, or other times by appointment (I am frequently there, so you can drop by and check anytime)
- You may leave messages on my voicemail, 255-3442
- **BEST WAY TO REACH ME:** e-mail: [sbraunsa@uccs.edu](mailto:sbraunsa@uccs.edu)

## Required:

- Textbook: *General, Organic, and Biological Chemistry*, Timberlake, 2nd edition, 2007.
- Lab manual: *Introduction to Chemistry Laboratory Manual*, Neely & Applegate, Fountainhead Press, 2006
- Safety goggles
- Scientific calculator
- Access to my Website, [www.uccs.edu/~sbraunsa](http://www.uccs.edu/~sbraunsa)

**Course description:** CHEM 101 is a course for paramedical or nursing majors. It includes measurements, matter, atoms, bonding, energy, phases of matter, acid-base and redox reactions, solutions, equilibria, electrolytes, inorganic and nuclear reactions.

**Prerequisite:** Math at a level equal to or above high school algebra

**Attendance:** Attendance is not required, but students who come to class generally do better, and class helps focus your studying. There may be material covered in class not in the text. Students are responsible for obtaining any missed materials and announced class changes. Students who miss an exam without **PRIOR** notification to the instructor may be given a grade of zero. **No makeup quizzes are given** but your lowest score is automatically dropped. If you have

1. Proof that you are called to active duty
2. A University excused absence
3. A doctor's note saying you cannot attend class
4. An illness/accident requiring hospitalization
5. Another valid emergency, such as death in the immediate family

You will be allowed to make up the exam, within a short timeframe of when the class takes it, after discussing it with me. Be aware that I may modify the exam from the one given in class. If you miss a quiz for one of the reasons outlined above, you will be given a grade on the missed quiz equivalent to the average of your other three quizzes. Most students find it helpful to briefly review the chapter before it is covered in class, and then reread the chapter and work problems and questions after lecture. Cramming in chemistry **DOES NOT WORK!** You must keep up with the material as it is presented. Help is available in the **Science Learning Center (SCI 145)**. SLC hours are posted on the doors. Quizzes and exams are usually returned during the next scheduled class period. Papers not picked up will be available in a folder in the hallway outside the SLC. *It is very important to pick these up to use as study guides for the final exam.*

**Class Etiquette:** PLEASE TURN OFF CELL PHONES AND PAGERS DURING CLASS. Please avoid talking, reading newspapers, texting, etc. during class; it distracts others. In case of cancellation or late start classes due to weather or other unforeseen circumstances, coursework will be continued in the next regular class period. Check my website and your UCCS email for messages.

**WebCT Scores:** Your WebCT scores are the official scores that will be used for determining your final course grade. Occasionally a typo will be made when entering your grade into WebCT. For example, if you received 89.5% on an exam, and I entered 88.5% into WebCT, you have ONE WEEK from when the exam is returned to show me the exam and ask me to change your WebCT grade. This is to prevent people from coming to me during finals week and asking for a grade change, and are unable to find the exam.

**Final Class Grade:** Under no circumstances other than a calculation error on my part will a final grade be changed.

**Grade scale:** The semester grade will be based on the following percentages, your percentages will be rounded to a tenth of a percent:

A	=	91.0%
A-	=	90.0 – 90.9%
B+	=	89.0 – 89.9%
B	=	81.0 – 88.9%
B-	=	80.0 – 80.9%
C+	=	79.0 – 79.9%
C	=	71.0 – 78.9%
C-	=	70.0 – 70.9%
D	=	60.0-69.9%
F	<	60.0%

### Grading:

**Lecture:** will count for 75% of your final grade and includes the following:

10 homework assignments @ 10 pts.	100 pts.
3 lecture exams @ 100 pts.	300 pts.
5 lecture quizzes @ 20 pts.	100 pts.
1 semi-comprehensive final @ 150 pts.	<u>150 pts.</u>
	650 pts.

**Lab:** will count 25% and will be based upon lab reports, quizzes, and other grades assigned by the lab instructors. Attendance in lab is mandatory. Students who have 3 lab absences or who fail to submit 3 lab reports will receive an F for the **entire** CHEM 101 course. Lab makeups will be allowed only under the following conditions:

- The student must notify their regular lab instructor of their absence NO LATER THAN the end of the day of their “scheduled” lab period.
- It is the student’s responsibility to contact the instructor for the lab section in which the makeup will be made to ensure that there is room. Some lab sections are full and extra students may not be accommodated. A list of lab sections, instructors, and emails is available on the office door (SCI 133) or on the lab bulletin board (SCI 259)
- Labs are made up by completing all required experiment and paper work. A lab partner may not be available. Turn in the lab report to the “makeup” instructor before leaving the lab.
- Chemicals and equipment will only be available for one week after the scheduled dates.
- Lab instructors have the right to refuse late or questionable lab reports.

**Example Calculation:** Student X has a final lecture score of 78.2% and a final lab score of 97.1%. Student Y has a final lecture score of 97.1% and a final lab score of 78.2%. What are the grades of Students X and Y?

Student X: Final % =  $(0.75 * 78.2) + (0.25 * 97.1) = 82.9\%$  Student X receives a B!

Student Y: Final % =  $(0.75 * 97.1) + (0.25 * 78.2) = 92.4\%$  Student Y receives an A!

This calculation is to show you that your lecture grade is emphasized more than your laboratory grade! Please put forth effort in both lecture and laboratory.

**Exams:** Three lecture exams and a final that will be partly comprehensive will cover material presented in class, text reading, homework, and quizzes.

**Final Exam:** The final exam is scheduled for Wednesday, May 13<sup>th</sup> from 1:40 to 4:10 pm in Sci 244. DO NOT plan to be gone this day. No makeup exams (early OR late) will be given to anyone unless they meet one of the criteria described above in the Attendance section.

**Quizzes:** Short quizzes will be given periodically throughout the semester during class. There will be **NO** makeup quizzes. Only the 5 highest quiz scores will be counted. This allows you to miss due to illness, emergencies, etc. without being penalized.

**Homework:** Homework assignments will be posted on WebCT. Assignments **cannot** be accepted after the due date listed on the course schedule. Don't wait until the last minute, "the website is down" is not an acceptable excuse. Only the top 10 homework grades will count. This will allow a missed or low score homework to be dropped. Students find it helpful to print out the homework assignment, answer the questions, and then sign back on to the website and enter the answers. Assignments may be submitted up to 3 times, but only the LAST submission is graded. Each question is worth one point and each homework assignment is worth a total of ten points. Homework scores may be accessed the day following the due date. Students may see which questions were missed and find explanations for the correct answers. You may contact the instructor for clarification or help during class, in the office, or by email.

**Regrades:** A request to regrade an exam/homework/quiz must be made in writing on a separate sheet of paper, stapled to the assignment (do NOT write on the assignment itself) and turned in to me within 48 hours of when they are returned in class. In your request, you must explicitly outline why your answer is correct, NOT why you think the answer given is incorrect. If a formal request is made, the entire assignment may be regraded. If partial credit has been given to a problem, it is unlikely to be negotiable. After 48 hours have passed, the grade will not be changed. No additional partial credit will be given past the 48 hour deadline, and partial credit will not be given for "correct" answers that were achieved fortuitously.

**Website:** The course syllabus, schedule, exam reviews, handouts, and all "announcements" will be posted on my website (<http://www.uccs.edu/~sbraunsa/>). The website can be accessed from any computer. You should check the announcements frequently. I may also send announcements to your UCCS email address, so be sure to check your UCCS email frequently.

**WebCT:** You will need a WebCT account to check your grades and do your homework assignments in the course. The website is located at <http://webct.uccs.edu/webct/public/home.pl>. Your username is the same as your uccs email address. For example, my UCCS email address is [sbraunsa@uccs.edu](mailto:sbraunsa@uccs.edu), so my WebCT username is sbraunsa. The default password is Mmm#####N, where Mmm is the first three letters

of your birth month, #### is the last four digits of your Student ID number (NOT your social security number) and N is the first letter of your last name. This is case sensitive and the first and last letters of the password should be capitalized.

- For each of the homework assignments, you will be given up to 3 attempts for each problem. However, only the LAST attempt will count. You will have until 10pm on the due date to submit your answers. Late submissions will NOT be accepted. For example, the prehomework is due on January 28<sup>th</sup> at 10pm, if you have not submitted your answers by then, you will receive a score of zero for that homework assignment. Many students find it helpful to login to WebCT, print out the homework assignment, work on it, and then login again to submit their answers. **Do not email me asking for an extension of the deadline because your car broke down, your internet went down, etc.** You have three attempts, so submit your first attempt several days before the HW is due, and continue to work on the 2<sup>nd</sup> and 3<sup>rd</sup> attempts.

**Science Learning Center (SLC):** The SLC is located in SCI 145. Walk-in and scheduled tutoring, supplemental materials, computers, web access, and study rooms are available for all science students. Hours include evenings and weekends and are posted on the SLC door. Make-up exams will be taken in the SLC. Graded materials not picked up during class will be placed in the hallway outside the SLC. Use of the SLC is strongly encouraged. Studies have shown that students who use the facility earn better grades!

**E-mail & Miscellaneous:** Students are responsible for making arrangements to drop classes, turn in student disability verification letters, and other administrative requirements. Check the course schedule and catalog for important dates. For the Spring 2009 semester, **the last day to drop this class will be April 3<sup>rd</sup>. I will not sign drop slips after this date.** Students are expected to do their own work. The UCCS academic honor code will be enforced, <http://web.uccs.edu/studentconduct/academicprinciples.html>. This course syllabus and schedule are tentative and subject to change by the instructor. The schedule is quite aggressive, and we may not be able to cover all the material listed. If we fall behind on the material, the exams and quizzes will be held on the same days shown on the schedule, but will cover only the material we have done in class. You must use your UCCS email address for all university business. I WILL NOT REPLY TO ANY NON-UCCS EMAIL ADDRESS, or it may be caught in my junk filter. When writing e-mail, please identify your first and last name and the course name. It would be helpful to include something like "CHEM 101 HW question" in the subject line. Emails with unusual subject lines or unidentifiable addresses will not be read.

**Student Disability Services:** If you have a disability for which you are requesting an accommodation, you are encouraged to contact the Disability Services Office within the first week of classes. The Disability Services Office is located in Main Hall # 105. (Phone # is 255-3354.)

**Student Counseling Services:** If you have a problem that you are not comfortable dealing with alone, please contact the University Counseling and Testing Center, 324 Main Hall, (719) 255-3265 for assistance. Their counseling service is free for students.