

Course: CHEM 110 Section 4
Instructor: Dr. Catherine E. Check
Office: FW 308

Class Schedule: Lecture T and Th 2:00 PM to 3:15 PM in FR 143
E-mail: ccheck@niu.edu
Office Hours: T and Th 1:00 to 1:50 PM and Th 3:15 to 3:45 PM

Lecture and Exam Schedule

<u>Week</u>		<u>Chapter</u>	<u>Topic</u>
1	8/26	Prologue	Introduction to the Scientific Method
	8/28	1	Chemistry: Methods and Measurements
2	9/2		No Class Lecture Tuesday; I am at a conference
	9/4	1,2	The Structure of the Atom and the Periodic Table
3	9/9	2	
	9/11	2,3	Structure and Properties of Ionic and Covalent Compounds
4	9/16	3	
	Tuesday, 9/16 5:00-5:50 pm, Room TBA		Exam 1 covering Ch 1-2
	9/18	3	
5	9/23	3	
	9/25	3,4	Calculations and the Chemical Equation
6	9/30	4	
	10/2	4	
7	10/7	4	
	10/9	4,5	States of Matter: Gases, Liquids and Solids
8	10/14	5	
	Tuesday, 10/14 5:00-5:50 pm, Room TBA		Exam 2 Ch 1-4, emphasis on Chapters 3-4
	10/16	5	
	10/23	5,6	Solutions
10	10/28	6	
	10/30	6	
11	11/4	6,7	
	11/6	7	Energy, Rate and Equilibrium
12	11/11	7,8	
	Tuesday, 11/11 5:00-5:50 pm, Room TBA		Exam 3 Ch 1-7(part), emphasis on Chapters 5-7
	11/13	8	Acids and Bases and Oxidation-Reduction
13	11/18	8	
	11/20	8	
14	11/25	8,9	The Nucleus, Radioactivity and Nuclear Medicine
	11/27		No Class Lecture Thursday; Thanksgiving Holiday
15	12/2	9	
	12/4	9	
16	Exam week: Thursday, 12/11 4:00-5:50 pm, Room TBA		Exam 4 covering Ch 1-9, emphasis on Ch 7-9 and Comprehensive Final Exam

Required Text: Denniston, Topping, Caret sixth ed. "General, Organic and Biochemistry". The NIU bookstore has a custom edition that includes chapters 1 through 9.

Recommended Text: Student Study Guide/Solution Manual

Calculator: You will need a simple scientific calculator that you are able to use properly. Bring it to lecture and to exams. Recommended: TI-30, 34, or 36 series or similar Casio FX-250/260 (cheapest), FX-115. Any calculator used must be for scientific use, including the functions: log and scientific notation.

Common Sense Conduct: No cell phones, pagers, or other electronic intrusions (ipods) allowed. All cell phones may be put in silent/vibrate mode and left on for emergency alerts only.

My Policy on Academic Honesty Standards: The faculty and administration expect that NIU students are enrolled in courses as serious and honorable scholars. Furthermore, students are expected to do their own, original work. Students are expected to observe the commonly accepted standards of academic honesty at all times. Scholastic dishonesty will not be tolerated. This includes **plagiarism** (appropriation of another's work and incorporation into one's own quiz or exam offered for credit) and **collusion** (**unauthorized** collaboration with another person in preparing course work offered for credit). This includes having a tutor do your work for you. You may ask them to work similar problems, but not any of the assigned quiz

questions. Such acts at anytime will result in a grade of zero (for all persons involved) and are not subject to "make-up" work. For a second offense, the overall course grade will be dropped to a letter grade of "F" and a written statement of the incidents will be submitted to the appropriate academic office.

Other Study Resources: The Chemistry Department maintains a tutoring room in Faraday 246 for the benefit of General Chemistry students. It is staffed from approximately 8:30 am-3:30 pm Monday-Friday. Tutoring is free for registered Chem 110 students. Names of tutors who charge for their services are available from Linda Davis in Faraday 319 (the Chemistry Department Office).

Class Format: The course will be composed of lectures, pop quizzes, online (BlackBoard) assignments/quizzes, and mass exams. It is imperative that you attend class. As in any science course, the in-class lectures need to be supplemented by your reading of the text, working of problems, and studying for quizzes and exams. If you miss class, it is your responsibility to acquire the lecture notes and any assigned class work from a fellow classmate and you should check BlackBoard each day for postings. You may not take exams at any other time. Solving the problems for each chapter, *with a time limit*, is good practice for the exams. BlackBoard Access: You must know your student id login and password.

<https://webcourses.niu.edu/webapps/portal/frameset.jsp>

Exams and Grades: There will be three examinations during the semester (100 points each). Online assignments and quizzes will be worth another 100 points. There will be a fourth exam during the final examination period (100 points), and a comprehensive final examination (100 points). The exams will consist of 25 multiple-choice questions, and will be scored by Scantron. Requests for scoring checks must be made within one week from posting of scores on BlackBoard.

The exams will be given as mass exams; that is, all students in all sections of Chem 110 will take the exam simultaneously. Because of the size of the sections, your exams will be administered with another section in a different room (likely to be Sandburg Auditorium, HSC), **not** in Faraday 143 (the lecture room). If you appear in Faraday 143 on exam day and attempt to take the exam there, you will be given a score of zero for that exam. There will be no exceptions to this policy! It is important that you will be in the correct room as there are different versions of exams (Version A, B, C etc.) but exams are scored based on your registered section. I will not rescore something because of your failure to follow instructions.

Final Grade Determination: The final grade for the course will be determined from the following possible point totals:

Best Four Scores of the Exams and Score Total for Online/Quiz	400
<u>Comprehensive Final Examination (required)</u>	<u>100</u>
Total Possible Points	500

The grade assigned will follow a strict percentage. There is a set amount of knowledge and skill you must demonstrate to achieve your grade, no curve will be applied and the scale will not be modified. **There will not be a curve!** Thus students will be able to evaluate their performance immediately upon posting of scores. The usual scale has already been adjusted to:
A ≥ 80.0 % , 80.0 > B ≥ 70.0 % , 70.0 > C ≥ 60.0 % , 60.0 > D ≥ 50.0 % , 50.0 % > F

The lowest 100 point score (not including the Final Exam) will be dropped. This allows you to miss an exam if absolutely necessary, or to avoid taking the quizzes/homework, and minimizes the effect of one poor score on the overall grade. Because of this policy: **There will be no makeup quizzes or exams. Also, no extra credit is available.**

Notification Of Services For Students With Documented Disabilities NIU abides by Section 504 of the Rehabilitation Act of 1973 which mandates reasonable accommodations be provided for qualified students with disabilities. If you have a disability and may require some type of instructional and/or examination accommodation, you will need to register with the Center for Access-Ability Resources (CAAR), the designated office on campus to provide services and administer exams with accommodations for students with disabilities. The CAAR office is located on the 4th floor of the University Health Services building (815-753-1303). Accommodations are not retroactive. Please contact me early in the semester so that I can provide or facilitate in providing accommodations you may need.