

Course: CHEM 110 Section 3 **Class Schedule:** Lecture T and Th 6:00 PM to 7:15 PM in Faraday Hall Room: 143
Instructor: Dr. Timothy J. Hagen **Office:** FR 338 **E-mail:** thagen@niu.edu **Phone:** (815) 753-1131
Office Hours: T/Th 5:15 to 5:45 PM, after class or by appointment.

Tentative Lecture Schedule

Week	Date	Chapter/Topic	Exams
1	1/12 & 1/14	Introduction/Chapter 1 (Sections 1.1-1.3)	
2	1/19 & 1/21	Chapter 1 (Sect. 1.4-1.5); Chapter 2 (Sect. 2.1-2.3)	
3	1/26 & 1/28	Chapter 2 (Sect. 2.4-2.7)	
4	2/2 & 2/4	Exam 1 & Chapter 3 (Sect. 3.1-3.2)	Exam 1 (2/2): Ch. 1,2
5	2/9 & 2/11	Chapter 3 (Sect. 3.3-3.5)	
6	2/16 & 2/18	Chapter 4 (Sect. 4.1-4.4)	
7	2/23 & 2/25	Chapter 4 (Sect. 4.5); Chapter 5 (Sect. 5.1)	
8	3/2 & 3/4	Exam 2 & Chapter 5 (Sect. 5.2-5.3); Chapter 6 (Sect. 6.1)	Exam 2 (3/2): Ch. 1-4 emphasis on Ch. 3,4
9	Spring Break No Class Lecture Tuesday 3/9 or Thursday 3/11		
10	3/16 & 3/18	Chapter 6 (Sect. 6.2-6.4)	
11	3/23 & 3/25	Chapter 6 (Sect. 6.5-6.6)	
12	3/30 & 4/1	Chapter 7 (Sect. 7.1-7.3)	
13	4/6 & 4/8	Chapter 7 (Sect. 7.4); Chapter 8 (Sect. 8.1-8.3) & Exam 3	Exam 3 (4/8): Ch. 1-7 emphasis on Ch. 5-7
14	4/13 & 4/15	Chapter 8 (Sect. 8.4-8.5)	
15	4/20 & 4/22	Chapter 9 (Section 9.1-9.7)	
16	4/27 & 4/29	Chapter 9 (cont.) & Exam 4	Exam 4 (4/29): Ch. 1-9 emphasis on Ch. 8,9
17	Final Exam week: Tuesday, May 4, 6:00 to 7:15 PM Final Exam Ch 1-9		

Required Text: Denniston, Topping, Caret sixth ed. "General, Organic and Biochemistry". The NIU bookstore has a custom edition that includes Chapters 1 through 9. You should read each chapter before lecture, download and print any PowerPoints (recommend 6 per page) or notes posted on BlackBoard, and work the in-text example problems. In addition, it is recommended to work as many problems at the end of the chapter as you can. The more you work at these, the better chance you have of retaining your knowledge and applying it to more complex problems.

Recommended Study Guide: Student Study Guide/Solution Manual, ISBN:978-0-07-322684-2

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. Graphing calculators will not be allowed during exams due to cheating with "notes" and equations that can be stored. Also, a cell phone is not allowed as a calculator due to texting/cheating. **Use of Graphing Calculator, ipod, or cell phone during an exam warrants an automatic zero score and will not be replaced by any other score.**

Common Sense Conduct: No cell phones, pagers, ipods or similar electronic devices allowed. All cell phones may be put in silent/vibrate mode and left on for emergency alerts only. Please refrain from talking, texting, etc. during class. Be quiet and respectful of the other students desire to learn. If repeated disturbances of my lecture occur, you will be required to leave class.

Academic Dishonesty (cheating): Academic dishonesty includes (but is not limited to) looking at another student's exam during a testing session, allowing another student to copy your work, and use of unauthorized materials (e.g., lecture notes, crib sheets, textbooks, prohibited electronic devices including pagers, cell phones, or programmable calculators containing stored equations, formulas, or text) during exams. Violation of any of these terms will result in assignment of a score of zero for the exam in question. ***Cheating in any form will not be tolerated and may result in failure of the entire course.***

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 usually available from Linda Davis in Faraday 319 (the Chemistry Department Office) several weeks after the start of the semester.

Class Format: The course will be composed of lectures, online (Blackboard) assignments/quizzes, and in-class exams. It is important that you attend class. 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 a 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. 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 four examinations during the semester (100 points each), online quizzes (15 points each) 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 in Faraday Hall room 143 during the normal meeting time.

Extra Credit: THERE IS NO EXTRA CREDIT AVAILABLE.

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

	Points	% of total
Best 8 of 9 quizzes	120	23%
Best 3 of 4 exams	300	58%
Comprehensive final exam	100	19%
TOTAL*	520	100%

*Note that due to circumstances during the semester ending total point value may vary from 520. Your final score is calculated by dividing the total earned points by the total possible.

The grade assigned will follow a percentage. There is a set amount of knowledge and skill you must demonstrate to achieve your grade. The class average will be adjusted to fall between 1.70 to 2.00 on a 4.00 scale to meet department requirements. The initial distribution will start as the following:

Final Grades: $\geq 90\% = A$ $\geq 80\% = B$ $\geq 70\% = C$ $\geq 60\% = D$ $< 60\% = F$

The lowest score of the regular exams will be dropped. This allows you to miss an exam if absolutely necessary, and minimizes the effect of one poor score on the overall grade. Because of this policy: **There will be no extra credit, makeup assignments, or makeup exams.**

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. You must for each exam have a form filled out about 10 business days in advance to be sure to have a CAAR test time appointment.