

# Chemistry 330

Fall 2017  
Organic Chemistry I

**Instructor:** Dr. Paul Munger

Contact Information:           Office: Faraday Hall 335  
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Office Hours: MW 2:00-3:00 pm, and by appointment

**Lecture:** MWF 1:00-1:50 pm; Faraday Hall 143

## Required Text

- 1) Carey, F.A. and Giuliano, R.M. Organic Chemistry, 10<sup>th</sup> Edition; McGraw-Hill, 2017

## Recommended Materials:

- 2) Carey, F.A. and Giuliano, R.M. Solutions Manual for Organic Chemistry, 10<sup>th</sup> Edition, McGraw-Hill, 2017
- 3) Molecular Visions Organic Chemistry Molecular Modeling Kit

**On-Line Course Information:** Blackboard (<https://webcourses.niu.edu>)

## Class Format:

The course will be comprised of lectures, in class exams, in class quizzes and online learning tools and assessments. It is important that you attend class as quizzes will be randomly given out. If you miss a class, it is your responsibility to obtain lecture notes and any assigned work. You should check Blackboard regularly for postings. Suggested homework from the text will be given for each chapter. Although this will not be graded it is important to complete so that you become familiar with the content of the course for exams.

## Exams and Grades:

The course grade will be assigned base on your point totals for the exams, in-class quizzes and final exam. If you miss an exam a score of 0 will be entered for that exam. All exams will be comprehensive since understanding the material encountered latter in the course will require application of concepts learned previously. However emphasis will be given to material covered since the last exam. Exams are closed book, and closed note. Textbooks, models, notes electronic devices (including cell phones, latches and laptop computers) are not permitted in the classroom during the exam.

**NOTE: No extra-credit assignments will be given.**

## Final Exam

The 20% final exam will be comprehensive and will be given in December, time and place TBA.

## Point Total

Exams	75%
Final Exam	<u>25%</u>
Total	100%

## Approximate Grading Scale:

A (100-85%)   B (84-70%)   C (66-50%)   D (49-40%)   F (39-0 %)

**Note: by enrolling in this class you are agreeing to take the exams on the scheduled dates.**

## Requests for Regrades

Submissions for regrade will be accepted for one week after the day the exams are distributed in class. The entire test will be regraded. The regraded exams will be returned after the end of the next class period. If the exam pages are altered in any way, the request for regrade will be denied. The instructor may make copies of exams before distributing them to the class.

## Important Dates:

**Consult your academic adviser and the NIU website.**

Sunday September 3	Last day to drop course via self-service in MyNIU
Friday, September 8	Last day to drop course with approval of major college
Friday, September 15	Last day to change course from credit to audit or audit to credit
Friday, October 20	Last day to withdraw from course

## Study Groups:

It is encouraged to study in groups. This will make the chemistry experience more enjoyable and you will learn the content better. Explaining to someone else the material will be a great benefit in your own learning as it will be provide different insights on how to tackle the material.

**Student Code of Conduct:** <http://www.niu.edu/communitystandards/pdf/SCC.PDF>

## Academic Dishonesty (cheating)

Academic dishonesty includes looking at another student's exam during a testing session, allowing another student to copy your work, use of unauthorized materials such as notes, crib sheets, textbooks, prohibited electronic devices such as smart phones, cell phones, I-pads or programmable calculators that contain stored equations, formulas or text during an exam. Violation of any of these will result in a zero for the exam, quiz or assignment in question.

**Academic dishonesty in any form will not be tolerated and may result in failure of the entire course.**

## Notification of Services for Students with Documented Disabilities

NIU abides by Section 504 of the Rehabilitation Act of 1973 which mandates reasonable accommodation by provide for qualified students with disabilities. If you have a disability and may require some type of instructional and/or examinations 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 4<sup>th</sup> 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.

## Tentative Schedule

**Lectures will be on Chapters 1-11, at roughly 3 lectures to each chapter. Specific topic coverage for each exam will be announced in class and on Blackboard at least 2 class periods ahead.**

**Important Dates**

**Chapters**

8/28

Introduction

9/4

No Class (Labor Day Holiday)

9/15

Exam 1

10/6

Exam 2

10/27

Exam 3

11/17

Exam 4

12/TBA

Final Exam

Exams will cover principally the material covered during the previous 3 weeks, but are of necessity cumulative in that most new topics build on those covered previously. In-class quizzes will be unannounced.

Suggested Homework Problems are appended. These will not be collected or graded, but we emphasize the need to practice regular understanding and problem solving prior to encountering an exam or quiz.

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**Suggested Homework Problems**

Organic Chemistry, Carey, 10<sup>th</sup> edition

Chap 1: 42, 45a,c 46, 47, 48, 53a,c 59, 60, 65, 66

Chap 2: 24, 26, 31, 32, 33, 36, 39, 48

Chap 3: 27, 30, 33, 38, 40a, 48, 50, 52

Chap 4: 28, 31, 35, 38, 39, 41, 47

Chap 5: 20c, 30, 33, 34, 44, 45

Chap 6: 19, 20, 22c, 32a, b, 37, 41, 42

Chap 7: 37b,f, 39a,d, 41b, 43, 45a-d, 49

Chap 8: 28, 31, 34, 58, 61, 64

Chap 9: 24, 27, 27a,d, 30, 34

Chap 10: 16b, 19, 20, 23, 32

Chap 11: 33, 34, 41, 46, 49

Organic Chemistry, Carey, 9<sup>th</sup> edition

Chap 1: 40, 43, 44, 47, 50a,c, 53c, 56, 57, 63, 65

Chap 2: 24, 27, 28, 29, 30, 35, 43, 45

Chap 3: 21, 27, 28, 34a, 40, 44, 46, 48

Chap 4: 25a, 36, 39, 40, 43, 44, 49a

Chap 5: 33b f, 35a,d, 37b, 39, 41a-d, 43

Chap 6: 27, 34a-j, 39a-l, 47c,d, 58, 61

Chap 7: 33, 36, 38, 42, 44, 47, 51

Chap 8: 21, 23, 32c, 33a,b, 34b-d, 49, 50

Chap 9: 22c,d, 25a-e, g-k, 29d, 31

Chap 10: 28, 32a-e, 43