

Chemistry 20
Organic Chemistry Lecture-Brief Course
Fall 2016

Instructor: Dr. Katherine McReynolds

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Office Hours: M 10-10:50 AM, W 2-2:50 PM

Class Meets: ARC 1010, MWF 9-9:50 AM

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Required Textbook/Materials: *Fundamentals of Organic Chemistry*, 7th edition, by McMurry and Simanek, plus a 1-semester subscription to OWL online homework for organic chemistry

Recommended Ancillaries: *Study Guide and Solutions Manual*, by McMurry, and a molecular model kit

Course Description: Basic principles of organic chemistry. Recommended for students majoring in life sciences, but not recommended for pre-professional students.

Course Prerequisite: Successful completion (C- grade or better) of Chemistry 1B (or equivalent) *and all previous chemistry pre-requisites*. **There will be no exception to this policy.**

Grading:

Three exams @ 100 pts.	300
Final exam (Cumulative)	200
Best 4 of 5 quizzes (25 points each)	100
OWL Homework	<u>50</u>
	650 pts. Total

Letter grades will be assigned based on a range of:

A:	90% and up
A-:	88-89.9%
B+:	86-87.9%
B:	80-85.9%
B-:	78-79.9%
C+:	76-77.9%
C:	68-75.9%
C-:	66-67.9%
D:	55-65.9%
F:	Below 55%

Attendance: Attendance of the lecture is not required, but is *highly* recommended.
Please see the current University catalog for the class drop policy

Course Etiquette: Students are expected to be on time to class. It is very disruptive to both the instructor and the other students in the course to come in late. Cell phones must be turned **completely off** during class time. Failure to do so may result in confiscation of the cell phone until the end of class. Repeat offenders may be subject to dismissal from class/loss of points in the course, which may impact the student's final grade in the course.

Exam Day Rules: On exam days, please place your backpack, including cell phone (**turned off**), in the front of class by the instructor. No hats are to be worn on exam day. The only items allowed at your desk are: pencil/pen, eraser, Scantron form, basic calculator (no cell phones, no graphing calculators). If you only have a graphing calculator, or forgot your calculator, you may check one out for \$ 0.50 at the 4th floor stockroom in Sequoia Hall **before the exam begins**. You will not be permitted to leave the room during an exam for any reason, including needing to go to the restroom/get a drink of water. If you do leave the classroom during an exam, your exam is over and must be turned in.

Quiz/Exam Grading Policy: Extreme care will be taken with the grading of your quizzes and exam materials in this course. For exams, one page is graded at a time for all students, ensuring the utmost in consistency for partial credit assignment. If you detect a mistake in the grading, such as an addition error, please bring it to my attention immediately, and it will be resolved. If, however, you feel that you deserve a greater amount of partial credit than what you were given, I reserve the right to re-grade the entire quiz/exam, which may result in a lower overall score.

Cheating: Cheating in any form will not be tolerated. Cheating involves having extraneous notes, in written form or stored in a programmable calculator, use of a cell phone during the exam, looking at someone else's exam paper, or alteration of a graded question(s) with submittal for a re-grade. If a student is caught cheating, I will deal with them in the harshest manner possible, given the nature of the offense. At the bare minimum, the score for the assignment the student was caught cheating on will become a zero and will count towards their final grade. At the maximum, the student will be reported to the Office of Student Affairs, where they may face sanctions against them, such as probation, or expulsion from the University. It is up to my discretion as to which path I will take in dealing with an incidence of academic dishonesty.

Quizzes: Quizzes will be based on the lecture, assigned reading, handouts, and homework, covered on the material covered since the previous quiz. The format can be any combination of the following: short answer, fill in the blank, or multiple choice. It is possible that occasionally a take-home quiz will be given instead of an in-class quiz. These will likely be on-line quizzes through OWL and will be timed and due within a specified period of time. **You are not to work with your classmates, or anyone else on take-home quizzes, as this constitutes cheating (see above).** The in-class quizzes will occur at the beginning of class. There are no make-up quizzes/early quizzes given. Since one score is dropped, if you miss a quiz, it will be omitted from your grade. Subsequent missed quizzes will count as a zero.

Exams: Exams will be based on the lecture, assigned reading, handouts, and homework. The in-class exams will be a combination of multiple choice and short answer. The final exam format will be announced in advance of the final. **Attendance is required!!** If you must miss an exam for a good reason (ie. Illness), a doctor's note or other evidence of a valid excuse will be required. The documentation is required within one week of the missed exam, and the student must meet with me

in person to discuss the absence. No make up exams will be given, even with a valid excuse. Instead, the student will make up that section on the final exam.

Preparing for Quizzes/Exams: Don't memorize everything. Memorization is **not** the key for **most** of the information you will learn in this course. Trying to actually **understand** the concepts is more important, and will help you to be able to think through quiz/exam questions, even if they differ from those in the homework. For other study hints, see the section below titled, **How to Succeed in this Course.**

How to Succeed in this Course (Expect to spend a minimum of 9 hours/week on this class outside of class time):

- Prepare for lecture. Read ahead of the lecture. Jot down questions/notes as you go. This way, you have been exposed to the material before you hear about it in lecture, and can then pay better attention to the lecture and even formulate in-class questions.
- **Always** attend class
- After class, (within hours, not days) you should re-copy your in class notes, and add in additional information gleaned from your reading. This will make your notes more comprehensive, and have the added benefit in serving as a study tool to help you better understand the material.
- Attempt the assigned problems. The answers are in the back of the book, or in the study guide. Don't, however, let the answers serve as a crutch. Remember, you won't have access to the answers on a quiz or exam. All you will have is your knowledge and problem-solving skills.
- Read the chapter summaries. Do you understand the concepts?
- Study both alone and in groups. You will get different benefits from both.
- **Get help as soon as you need it. Don't wait until it is too late! I have weekly office hours at a variety of times to assist you.**

Tentative Lecture Schedule:

Week of:	Monday	Wednesday	Friday
8/29 (1)	Introduction & Chapter 1	Chapter 1	Chapter 1
9/5 (2)	Labor Day-No Class	Chapter 1	Chapter 2
9/12 (3)	Chapter 2	Chapter 2	Chapter 3
9/19 (4)	Chapter 3	Chapter 3	Chapter 3
9/26 (5)	Chapter 4	Exam 1:Ch. 1-3, 100 pts	Chapter 4
10/3 (6)	Chapter 4	Chapter 5	Chapter 5
10/10 (7)	Chapter 6	Chapter 6	Chapter 6
10/17 (8)	Chapter 7	Chapter 7	Chapter 7
10/24 (9)	Chapter 7	Chapter 8	Chapter 8
10/31 (10)	Exam 2: Ch. 4-7,100 pts	Chapter 8	Chapter 8
11/7 (11)	Chapter 9	Chapter 9	Veteran's Day-No Class
11/14 (12)	Chapter 9	Chapter 9, 10	Chapter 10
11/21 (13)	Chapter 10	Chapter 10	Thanksgiving-No Class
11/28 (14)	Chapter 10, 11	Chapter 11	Exam 3: Ch. 8-10,100 pts
12/5 (15)	Chapters 11	Chapter 11, 12	Chapter 12
12/12	Final Exam Week	Cumulative Final: Dec. 14th 8-10 AM	Final Exam Week

Homework: Homework will be assigned from each chapter through the publisher's online homework database, OWLv2. The website is <https://login.cengagebrain.com/cb/login.htm> You will need to register to use OWLv2, and if you purchased your book new from the bookstore as a bundle, you received an OWL access code that is good for 6 months.

Registration

1. Connect to <https://login.cengagebrain.com/course/E-24YE5SRQXKTA6>
2. Follow the prompts to register your OWLv2 course.

Payment

After registering for your course, you will need to pay for access using one of the options below:

Online: You can pay online using a credit or debit card, or PayPal.

Bookstore: You may be able to purchase access to OWLv2 at your bookstore. Check with the bookstore to find out what they offer for your course.

Free Trial: If you are unable to pay at the start of the semester you may choose to access OWLv2 during your free trial. After the free trial ends you will be required to pay for access.

Please note: At the end of the free trial period, your course access will be suspended until your payment has been made. All your scores and course activity will be saved and will be available to you after you pay for access.

If you already registered an access code or bought OWLv2 online, the course key to register for this course is: E-24YE5SRQXKTA6

It is highly recommended that the homework be completed for each chapter, as many of the quiz/exam questions will be based on skills learned by doing the assigned problems. If you have problems with OWL, there is an online helpdesk on the website, or you can come see me during office hours. **Note:** I may also elect to assign homework from your textbook. This homework will not be collected or graded, but will be helpful in preparing for quizzes and exams.

Final Notes: I am looking forward to a great semester with you all. Please don't hesitate to let me know if there is anything I can help you with regarding this class. Be prepared to work hard and learn a lot.