



Course Syllabus: Organic Chemistry  
McCoy College of Science, Mathematics, and Engineering  
CHEM 2013 section 201  
Spring 2021

Contact Information

Instructor: Dr. Christopher A. Hansen  
Office: Bolin 307B  
Office hours: Monday through Friday 9 to 11 in the morning  
Office phone: (940) 397-4285

Course Description

This course is a comprehensive study of the physical and chemical characteristics of compounds of carbon. You will learn reaction mechanisms, synthesis, and reactions of hydrocarbons, alkyl halides, and alcohols.

Textbook & Instructional Materials

Required: Organic Chemistry, 9<sup>th</sup> ed., L.G.Wade and J.W. Simek, 2017, Pearson.  
Recommended: Darling Molecular Model Kit (chemistry office); Solutions Manual.  
Masks (face covering) are required in class and in hallways.

Student Handbook

Refer to: [Student Handbook 2020-21](#)  
Academic Misconduct Policy & Procedures  
Academic Dishonesty: Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individual's to whom credit is given). Additional guidelines on procedures in these matters may be found in the Office of Student Conduct.  
[Student Handbook 2020-21](#)

Grading

Table 1: Points allocated to each assignment

Assignments	Points
Homework (Sapling, graded as extra credit)	15
Quizzes (7-11) at 10 points each	70(110)
Exams (3 at 100 points each)	300
Final Exam	100
Total Points	480(515)

## Homework

We will be using Sapling Learning for our online extra credit homework.

1. Go to [Sapling Learning](#) and click on your "Login or Create Account". Select US Higher Ed.

2a. If you already have a Sapling Learning account, log in and skip to step 3.

2b. If you have a Facebook account, you can use it to quickly create a Sapling Learning account. Click "Create an Account", then "Create my account through Facebook". You will be prompted to log into Facebook if you aren't already. Choose a username and password, then click "Link Account". You can then skip to step 3.

2c. Otherwise, click "create account". Supply the requested information and click "Create my new account". Check your email (and spam filter) for a message from Sapling Learning and click on the link provided in that email.

3. Find your course in the list (you may need to expand the subject and term categories) and click the link.

4. Select a payment option and follow the remaining instructions.

5. Work on the Sapling Learning training materials. The activities, videos, and information pages will familiarize you with the Sapling Learning user environment and serve as tutorials for efficiently drawing molecules, stereochemistry, etc. within the Sapling Learning answer modules. These training materials are already accessible in your Sapling Learning course.

Once you have registered and enrolled, you can log in at any time to complete or review your homework assignments. During sign up - and throughout the term - if you have any technical problems or grading issues, send an email to [sapling support](#) explaining the issue. The Sapling support team is almost always more able (and faster) to resolve issues than your instructor.

To optimize your Sapling Learning experience, please keep your internet browser and Flash player up to date and minimize the use of RAM-intensive programs/websites while using Sapling Learning.

## Quizzes

There will be about 7-11 quizzes worth 10 points each. Quizzes will be given in class on Thursday's or online. **To take quizzes on-line students will need to have a computer they can use that allows Respondus Lockdown Browser and Monitor.** The schedule for in class quizzes and online quizzes will be given the first week. Once quizzes are handed back there will be no make-up available. We may have more or less quizzes depending on time and need. Points will be adjusted accordingly.

## Exams

There will be three exams plus a comprehensive final exam. The exams will be in-person and the days of the exam are on the syllabus. The final will be an ACS comprehensive exam (Chapters 1-22 in Wade) and will have to be in person. There will be no make-ups on exams once they are graded and handed back. If quizzes or tests are forced on-line then **students will need to have a computer they can use that allows Respondus Lockdown Browser and Monitor.**

## Important Dates

Spring Semester 2021

Classes begin - January 11

Change of Schedule or Late Registration - January 11-13

Martin Luther King's Birthday observed - No classes - January 18

Final Deadline for May graduates to file for graduation - February 15

Summer and Fall 2021 Schedules of Classes available online - mid-March

Holiday Break begins 10:00 p.m - March 31

Classes resume - April 5

Last Day for "W", 4:00 p.m. -after this date will receive grades of "F." - April 23

Last day of classes - April 23

Final examinations- April 24

Commencement - May 1

Refer to: [Drops, Withdrawals & Void](#)

## Desire-to-Learn (D2L)

Use of the MSU D2L program is a part of this course. **Chromebooks** do not work with D2L. Each student is expected to be familiar with this program as it provides a source of communication regarding assignments, examination materials, general course information quizzes and tests. You can log into [D2L](#) through the MSU Homepage. If on-line, **To take quizzes and tests students will need to have a computer they can use that allows Respondus Lockdown Browser and Monitor.** If you experience difficulties, please contact the technicians listed for the program either sapling or D2L.

## Attendance

Attendance is expected as stated in the Student Handbook.

## Services for Students with Disabilities

In accordance with Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, Midwestern State University endeavors to make reasonable accommodations to ensure equal opportunity for qualified persons with disabilities to participate in all educational, social, and recreational programs and activities. After notification of acceptance, students requiring accommodations should make application for such assistance through Disability Support Services, located in the Clark Student Center, Room 168, (940) 397-4140. Current documentation of a disability will be required in order to provide

appropriate services, and each request will be individually reviewed. For more details, please go to [Disability Support Services](#).

### College Policies

#### Campus Carry Rules/Policies

Refer to: [Campus Carry Rules and Policies](#)

#### Alcohol and Drug Policy

To comply with the Drug Free Schools and Communities Act of 1989 and subsequent amendments, students and employees of Midwestern State are informed that strictly enforced policies are in place which prohibits the unlawful possession, use or distribution of any illicit drugs, including alcohol, on university property or as part of any university-sponsored activity. Students and employees are also subject to all applicable legal sanctions under local, state and federal law for any offenses involving illicit drugs on University property or at University-sponsored activities.

### Course Schedule

(Subject to change at the discretion of the professor)

Week of	Chapter	Topic
January 11	12	IR and Mass Spec
January 18	12,13	IR and Mass Spec and NMR
January 25	13	NMR
February 1	14	Ethers, Epoxides, Sulfides
February 8	<b>Test 1</b>	<b>Chapters 12-14 (Thursday, February 11)</b>
February 15	15	Conjugation
February 22	16	Aromatics
March 1	17	Reactions of Aromatic Compounds
March 8	18	Aldehydes and Ketones
March 15	<b>Test 2</b>	<b>Chapters 15-18 (Tuesday, March 16)</b>
March 22	19	Amines
March 29	20	Carboxylic Acids
April 5	21	Carboxylic Acid Derivatives
April 12	22	Alpha Substitution
April 19	<b>Test 3</b>	<b>Chapters 19-22 (Thursday, April 22)</b>
April 26	<b>FINAL</b>	<b>Comprehensive ACS Final, April 27, 8-10 am</b>

The ACS exam is a comprehensive test that covers both first and second semesters. The chemistry department recommends that you purchase the ACS study guide for the organic chemistry final exam. The department has them for sale in room Bolin 307 for \$27. You can buy them online through the ACS, however, after shipping and handling the cost will be slightly more.