



**Course Syllabus: Organic Chemistry II**  
McCoy College of Science, Mathematics, and Engineering  
CHEM 2013  
Spring

**Contact Information**

Instructor: Dr. Christopher A. Hansen

Office: Bolin 307

Office hours: Monday through Friday 9 to 11 in the morning

Office phone: (940) 397-4285

Email: [chris.hansen@msutexas.edu](mailto:chris.hansen@msutexas.edu)

**Course Description**

This course is a continuation of CHEM 2003 providing a comprehensive study of the physical and chemical characteristics of compounds of carbon. You will learn reaction mechanisms, synthesis, and reactions of aldehydes, ketones, amines, carboxylic acids and derivatives, and aryl compounds. Spectroscopy of these compounds will also be taught. Must get a C or better to get in to Biochemistry.

**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; ACS study guide for the national ACS exams: recommended (ask Sheila in BO307)

**Student Handbook**

Refer to: [Student Handbook](#)

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Dishonesty: Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individual's to whom credit is given).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](#)

## **Grading**

Table 1: Points allocated to each assignment (no rounding up)

Grade %: A=100-89; B=88.99-78; C=77.99-64; D=63.99-52; F=<51.99

Assignments	Points
Homework (Achieve, graded as extra credit)	15
Quizzes (7 to 11 at 10 points each)	70-110
Exams (3 at 100 points each)	300
Final Exam	200
Total Points	570-610

## **Homework**

We will be using Achieve for our online extra credit homework.

1. Go to [Macmillan Learning Achieve Home](https://achieve.macmillanlearning.com/) and click on your “sign in or Create Account”.

Use Achieve Homework course id: sb9w8m

<https://achieve.macmillanlearning.com/courses>

## **Moffett Library**

Moffett Library provides resources and services to support student's studies and assignments, including books, peer-reviewed journals, databases, and multimedia materials accessible both on campus and remotely. The library offers media equipment checkout, reservable study rooms, and research assistance from librarians to help students effectively find, evaluate, and use information. Get started on this [Moffett Library webpage](#) to explore these resources and learn how to best utilize the library.

## **Quizzes**

There will be about 7-11 quizzes worth 10 points each. Quizzes will be handed out once a chapter is completed. The will be take home quizzes and they will be do the next class period at the beginning. Late quizzes will lose points. Quizzes cannot be turned in after the graded quizzes are handed back and there will be no make-up available. We may have more or less quizzes depending on time and need. Points will be adjusted accordingly. Graded Quizzes will be in a folder outside the chemistry office labeled Organic – Hansen.

## **Exams**

There will be three exams plus a full year comprehensive ACS final exam. Dates are in the schedule section. There will be no make-ups on exams once they are graded and handed back.

## **Important Dates**

[Consult the academic calendar](#)

For drops or withdraws follow the link below.

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

## **Desire-to-Learn (D2L)**

Use of the MSU D2L program is a part of this course. Each student is expected to be familiar with this program as it provides a source of communication regarding assignments, examination materials, and general course information. You can log into [D2L](#) through the MSU Homepage. If you experience difficulties, please contact the technicians listed for the program or contact your instructor.

## **Respondus Lockdown Browser and Monitor**

**If Needed:** When taking a quiz or test online it is required that you are able to gain access to a computer with the ability to run Respondus Lockdown Browser and Monitor. This is a requirement for this class. **Chromebooks do not work with D2L and respondus so you will need to make sure you have options that will work.**

Contact the [D2L](#) help line for questions regarding issues with these two areas.

## **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/Active Shooter**

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

Campus Carry-Effective August 1, 2016, the Campus Carry law (Senate Bill 11) allows those licensed individuals to carry a concealed handgun in buildings on public university campuses, except in locations the University establishes as prohibited. The new Constitutional Carry law does not change this process. Concealed carry still requires a License to Carry permit, and openly carrying handguns is not allowed on college campuses. For more information, visit [Campus Carry](#).

Active Shooter-The safety and security of our campus is the responsibility of everyone in our community. Each of us has an obligation to be prepared to appropriately respond to threats to our campus, such as an active aggressor. Please review the information provided by MSU Police Department regarding the options and strategies we can all use to stay safe during difficult situations. For more information, visit [Safety / Emergency Procedures](#). Students are encouraged to watch the video entitled "Run. Hide. Fight." which may be electronically accessed via the University police department's webpage: ["Run. Hide. Fight."](#)

### **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.

### **Smoking/Tobacco Policy**

College policy strictly prohibits the use of tobacco products in any building owned or operated by WATC. Adult students may smoke only in the outside designated-smoking areas at each location.

### **Appeals, Support, Complaints, etc..**

If you have questions regarding issues of any kind then first start with professor. If the professor is the issue then visit the student resource page on the MCOSME website. The link is below and can be used as a starting point for issues in class. [https://msutexas.edu/academics/scienceandmath/student\\_resources.php](https://msutexas.edu/academics/scienceandmath/student_resources.php)

## Course Schedule

Week of	Chapter	Topic
January 19	12	IR and MS
January 26	13	NMR
February 2	12,13	Complete IR, MNR, MS
February 9	14	ethers, epoxides, sulfides
February 16	15	Conjugated Pi Systems
<b>February 19</b>	<b>Test 1</b>	<b>Chapters 12 thru 14</b>
February 23	16	Aromatic compounds
March 2	17	Reactions of aromatic compounds
<b>March 9</b>	<b>Break</b>	<b>Spring Break</b>
March 16	18	Ketones, Aldehydes
March 23	19	Amines
March 30	19	Amines
<b>March 31</b>	<b>Test 2</b>	<b>Chapters 15 thru 18</b>
April 6	20	Carboxylic acids
April 13	20	Carboxylic acids
April 20	21	Carboxylic acids and derivatives
April 27	22	Alpha substitutions
May 4		Review if time
<b>May 7</b>	<b>Test 3</b>	<b>Chapters 19 thru 22</b>
<b>May 12</b>	<b>FINAL</b>	<b>ACS Comprehensive Final 8:00-10:00</b>

Notes for this class are online. It is expected that you will watch the notes before coming to class. It is important to stay ahead in the notes so when you come to class and work problems it is more of a review and hopefully answers questions over the notes. For example, if we are going to cover chapter 13 in the week of January 26 you need to be watching the notes and writing down the notes to study before coming to class on that Monday.