



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

Contact Information

Instructor: Dr. Christopher A. Hansen
Office: Bolin 307B
Office hours: Monday, Wednesday, Friday 9:00 am to 11:00 am
Office phone: (940) 397-4285

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, 9th 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 2022-23](#)
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Dishonesty: Cheating, collusion, and plagiarism (the act of using source material of other persons, either published or unpublished, without following the accepted techniques of crediting, or the submission for credit of work not the individual's to whom credit is given).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 2022-23](#)

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](#) and click on your "sign in or Create Account".

Achieve can be obtained via the following link:

<https://achieve.macmillanlearning.com/courses/sdcp2c>

Quizzes

There will be about 7-11 quizzes worth 10 points each. Quizzes will be given at the end of class on Thursday's. Once quizzes are graded and 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. 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.

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.

Important Dates

Spring Semester

Classes begin - January 17

Change of Schedule or Late Registration - January 17 to 20

Martin Luther King - No classes – January 16

Deadline for May graduates to file for graduation – February 20

Summer and Fall 2023 Schedule of Classes available - mid-March

Spring Break begins 5:00 p.m. – March 11

Classes resume – March 20

Last Day for "W", 4:00 p.m. – Drops after this date will receive grades of "F." – March 27

Holiday Break begins 10:00 pm – April 5

Classes resume – April 10

Last day of classes – May 5

Final examinations begin – May 6

Commencement – May 13

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

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](#)

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.](#)"

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.

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

Week of	Chapter	Topic
January 16	12	IR and MS
January 23	13	NMR
January 30	12,13	Complete IR, MNR, MS
February 6	14	ethers, epoxides, sulfides
February 13	15	Conjugated Pi Systems
February 20	16	Aromatic compounds
February 21	Test 1	Chapters 12 thru 14
February 27	17	Reactions of aromatic compounds
March 6	18	Ketones, Aldehydes
March 13	Break	Spring Break
March 20	19	Amines
March 27	19	Amines
March 30	Test 2	Chapters 15 thru 18
April 3	20	Carboxylic acids
April 10	20	Carboxylic acids
April 17	21	Carboxylic acids and derivatives
April 24	22	Alpha substitutions
May 1		Review if time
May 4	Test 3	Chapters 19 thru 22
May 9	FINAL	ACS Comprehensive Final 8:00-10:00

Final schedule:

	8:00am–10:00am	10:30am–12:30pm	1:00pm–3:00pm	3:30pm–5:30pm	5:45pm–7:45pm	8:00pm–10:00pm
Saturday May 6	All Sections MGMT 3453 (8am-10:30am)	All Day Sections ENGL 1143	All Day Sections ACCT 2143 & 2243			
Monday May 8	9:00 M or W 9:00 MW 9:00 MWF 9:00 MTRF 9:30 MW	11:00 M or W 11:00 MW or MF 11:00 MWF 11:00 MTRF	1:00 M or W 1:00 MTR 1:00 MW 1:00 MWF	3:00 M 4:00 MWF 3:00 MW 4:00 M 3:30 M 4:30 M 3:30 W 4:30 MWF 3:30 MW 4:30 MW 4:00 MW 5:00 M 4:00 W 5:00 MW	6:00 M 7:00 MWF 6:00 MW 7:00 MW 6:30 M 7:30 M 6:30 MW 7:30 MWF 6:30 MWF 8:00 M 7:00 M 8:30 MW	
Tuesday May 9	9:30 T or R 9:30 TR 10:00 T or R 10:00 TR 10:30 TR	All Day Sections ENGL 0043 World Languages & Cultures 1134, 1234, & 2133	11:00 T 11:00 TR 11:00 R	2:30 TR 3:30 T 2:30 R 3:30 TR 3:00 TR 3:30 TR 3:00 T or R 4:30 R 3:30 R 5:30 R	1:00 T 4:00 TR 2:00 T 4:30 T 2:30 T 4:30 TR 3:00 T 5:00 TR 3:30 T 5:00 T or R 4:00 T	5:30 T 6:00 TR 5:30 TR 6:30 T 5:30 R 6:30 TR 6:00 T 8:30 TR
Wednesday May 10	8:00 M or W 8:00 MF or WF 8:00 MW 8:00 MWF 8:00 MTR 8:00 MTRF	10:00 M or W 10:00 MW 10:00 MWF 10:00 WF 10:30 MW 10:30 MTR	All Day Sections MATH 0003 & 1233	12:00 M or W 12:00 MW 12:00 MF 12:00 MWF 12:30 MW 12:30 MWF	1:30 M 2:30 MW 1:30 MW 3:00 MWF 1:30 W 3:00 W 2:00 M or W 3:00 WF 2:00 MW 5:00 MWF 2:00 MWF 5:30 W 2:30 M or W 5:30 MW	4:00 W 6:00 MWF 4:30 W 6:00 W 5:00 W 6:00 F 5:30 M or W 6:30 W 5:30 MW 7:00 W 5:30 MWF
Thursday May 11	8:00 F 9:00 F 8:00 T or R 9:00 TR 8:00 TR 9:30 F 8:30 TR 10:00 F 9:00 Tor R 9:00 MTR	12:00 MTRF 12:00 F 12:00 TR 12:30 TR	1:00 T 1:30 TR 1:00 TR 2:00 TR 1:00 R 2:00 T 1:30 T or R 2:00 R	1:00 F 1:30 F 2:00 F 3:00 F	6:00 R 6:30 R 7:00 TR 7:00 T 7:00 R	