

Chemistry 3720R-02 - Organic Chemistry II Recitation - Fall Semester 2020
Department of Chemistry, Youngstown State University

CHEM 3720R-02 CRN: 42816 - Th 6:40 - 07:30 pm - 3022 Ward Beecher Hall

Instructor Dr. John Jackson - Room 5022, W.B.H., (330) 941-1551, e-mail: jajackson@ysu.edu

Office Hours M, W: 2:00-4:00 PM; F: 2-3 PM. Office hours will be conducted exclusively online via Webex and by email. I will answer the Webex requests in the order they are received.

Text Book "Organic Chemistry, 3rd Edition" David Klein ISBN: 978-1-119-35160-3

Class WebSite <http://jajackson.people.ysu.edu/CHEM3720R/index.html>

CHEM 3720R Organic Chemistry Recitation 2 1 s.h.

An introduction to the preparation and analysis of organic compounds. Discussion of CHEM 3720 material and approaches to problem solving. Required for chemistry majors. Concurrent with: CHEM 3720.

Course Objectives: The purpose of the recitation section is discussion of CHEM 3720 material and approaches to problem solving. The emphasis of the recitation section is learning problem solving skills in organic chemistry. The focus of CHEM 3720 will be to help the students understand the underlying principles of Organic Chemistry. The students will be able to appreciate the relationship between the structure of an organic compound or intermediate, and its physical, chemical, and/or spectroscopic properties. The material presented in this course provides the necessary foundation for continued studies in organic chemistry, including the mechanisms of organic reactions, organic synthesis, bioorganic chemistry, and other related fields which involve organic molecules.

ASSIGNMENT SCHEDULE

Week	Chapters	Title
1-2	12	Alcohols and Phenols
2-3	13	Ethers and Epoxides; Thiols and Sulfides
4	14	Infrared Spectroscopy and Mass Spectrometry
5	15	Nuclear Magnetic Resonance Spectroscopy
6	16	Conjugated Pi Systems and Pericyclic Reactions
7-8	17	Aromatic Compounds
9	18	Aromatic Substitution Reactions
10-11	19	Aldehydes and Ketones
12-13	20	Carboxylic Acids and Their Derivatives
14	21	Alpha Carbon Chemistry: Enols and Enolates
14	22	Amines
15	23	Organometallic Reactions

Last Day for Withdrawing with a Grade of 'W', Thursday, October 22, 2020.

Grading: There will be twelve 10 - 15 minute quizzes worth 10 points each. The top ten quizzes will be used to calculate your score, on a percentage basis, for a course total of 100 points. Missed quizzes will be counted as scores of zero points. There will be no quiz the first week of classes. Letter grades will be assigned by the following:

A (100-90 pts.); **B** (89-80 pts.); **C** (79-70 pts.); **D** (69-60 pts.); **F** below 60 pts.

This grading scale may be lowered, depending upon the difficulty level of the quizzes.

NOTE: CHEM 3720R is a separate class from CHEM 3720, each student in CHEM 3720R will receive a grade solely based upon performance in CHEM 3720R, separate from CHEM 3720. There WILL NOT be a quiz on the first day of class.

Class Format: The problem review portion of CHEM 3720R will be conducted Live via Webex. The class will be given a short break, and then the quiz will be administered Live In-Person in Room 3022. Photo ID required.

Makeup Quizzes: The responsibility for work missed during absence rests with the student. The instructor has no obligation to give make-up graded coursework or to review other class work missed by a student as a result of absence except under those specific conditions cited below:

1. Participation in University-sponsored activities. University-sponsored activities are those that are scheduled by academic, student affairs, and athletic units. They include, but are not limited to: intercollegiate athletic competitions activities approved by academic units, including artistic performances; R.O.T.C. functions; academic field trips; professional conferences; and special events connected with coursework.
2. Government-required activities, such as military assignments, jury duty, or court appearances.
3. Religious observances that prevent the student from attending class.
4. Death of an immediate family member, including father, mother, sister, brother, spouse, children, step-children, step-parent, parent-in-laws, sons-in-law, daughters-in-law, brothers-in-law, sisters-in-law, grandparents, foster parents, foster children, legal guardians, any person who stands in the place of a parent (loco parentis), or a domestic partner.
5. Documented personal illness.

Incomplete Grade: An incomplete grade of **I** may be given to a student who has been doing satisfactory work in a course but, for reasons beyond the control of the student and deemed justifiable by the instructor, had not completed all requirements for a course when grades were submitted.

<https://catalog.ysu.edu/undergraduate/general-information/academic-policies-procedures/grading-system/>

Academic Honesty: Academic honesty is essential to the educational process and serves to protect the integrity of the University community. Therefore, all members of the University community have a responsibility of maintaining high standards of honesty and ethical practice. Students should consult with a faculty member if they are not sure what may constitute academic dishonesty. Students suspected of academic dishonesty may be charged with a violation of University conduct regulations under Article III. 1. of the Student Code of Conduct.

<https://catalog.ysu.edu/undergraduate/general-information/academic-policies-procedures/academic-misconduct/>

Disability Services. In accordance with University procedures, if you have a documented disability and require accommodations to obtain equal access in this course please contact me privately to discuss your specific needs. You must be registered with the CSP/Disability Services, located at Kilcawley Center – RM 2082, and provide a letter of accommodation to verify your eligibility. You can reach the CSP/Disability Services at 330-941-1372.
<http://www.ysu.edu/csp/disabilityservices/>

Accessibility: Youngstown State University does not discriminate on the basis of race, color, national origin, sex, sexual orientation, gender identity and/or expression, disability, age, religion or veteran/military status in its programs or activities. Please visit www.ysu.edu/ada-accessibility for contact information for persons designated to handle questions about this policy.

YSU Mandatory COVID 19 STATEMENT

The following policy applies and shall be enforced during the current coronavirus pandemic as recognized by the State of Ohio. As a consequence of the current coronavirus pandemic, students are expected to abide by all safety and health policies implemented by the University's Office of Environmental Occupational Health and Safety as well as all applicable local, state, and federal mandates. Currently, the City of Youngstown and the State of Ohio mandates a face covering/mask in public spaces. Consistent with federal, state and local guidelines, University Health Guidelines require that all individuals within campus buildings, including students, properly wear face coverings except when working alone within an enclosed area. Face coverings are in addition to maintaining appropriate social distancing when possible. Exceptions to wearing a face covering in a classroom or laboratory must be for justifiable reasons as approved by the Office of Disability Services (<https://ysu.edu/center-for-student-progress/disability-services>). Repeated violations of any coronavirus safety and health policy shall be handled in accord with The Student Code of Conduct (<https://ysu.edu/student-conduct/code-conduct>).

Contingency Plans for the Switch to all Online Courses. As the lectures for CHEM 3720R will be Online Live only, the only change will be to having Online Quizzes. Online quizzes will be administered through Blackboard, and will be proctored using Examity.

Assigned Seating During In-Person Quizzes. Room 3022 Ward Beecher Hall has a total of 140 seats, half of the seats are numbered, half of the seats have “Do Not Sit Here” signs. The safe seating capacity with 6 feet or more of separation in Room 3022 is 27 students. Assigned seats will be determined one week prior to each quiz.

Quizzes. Your quiz will be color photocopied (both sides). The original quiz will sit in a folder in my office until the end of the semester and then be shredded. The photocopy will be graded. The graded quiz be available the next week in class.

Travel and Return to Campus: Students, employees and others returning to Ohio after travel to states reporting positive COVID-19 test rates of 15 percent or higher must stay home and self-quarantine for 14 days. The list of hot spot states is available on the Ohio Department of Health website and is updated every Wednesday. It is the responsibility of the person traveling to determine upon their return if their destination is on the hot spot list. If you have traveled internationally, you must stay home and self-quarantine for 14 days.

Thursday CHEM 3720R Quiz Schedule:

August 27 - Quiz 1

September 3 - Quiz 2

September 17 – Quiz 3

September 24 – Quiz 4

October 1 – Quiz 5

October 8 – Quiz 6

October 15 – Quiz 7

October 22 – Quiz 8

October 29 - Quiz 9

November 5 – Quiz 10

November 12 – Quiz 11

November 19 – Quiz 12

Note: There will not be a quiz on the same day CHEM 3720 has an exam.