Recitation for Organic Chemistry II
The University of Toledo
College of Natural Science and Mathematics
CHEM 2440: 001

Instructor: Dr. Samantha Schachermeyer
Email: Samantha.Schachermeyer@utoledo.edu
Office Hours: T 9-12:30PM and 4-5:30PM or by appointment
Office Location: BO 2036
Office Phone: 419-530-4592
Term: Fall 2017
Class Location: Multiple Areas
Class Day/Time: Multiple Times
Credit Hours: 1

COURSE/CATALOG DESCRIPTION
Optional recitation sections that discuss concepts and solve practice questions in CHEM2420.

COURSE OVERVIEW
In Organic Chemistry II Recitation, you will be improving your understanding of organic chemistry through practice problems and group discussion. This course is designed as a supplement to your lecture course to help you further grasp the material through problem solving and interaction with your fellow students. Attendance and participation will be documented and points will be assigned for both in order to decide your receiving credit for this course.

STUDENT LEARNING OUTCOMES
Upon completion of this course, the student will be able to:
1. Describe organic compounds with multiple functional groups through the IUPAC naming system
2. Predict physical properties of organic compounds
3. Determine general reactions of a variety of organic compounds

TEACHING STRATEGIES
This face-to-face course is designed to stimulate students through active learning by participating in solving provided problems through a think, pair, share process. Discussion is highly encouraged!

COREQUISITES
Undergraduate level CHEM 2420

REQUIRED TEXTS AND ANCILLARY MATERIALS
There is no required text for this course. However the following texts will be useful:


TECHNOLOGY REQUIREMENTS
Materials for lecture and supplemental material will be distributed to the student through Blackboard or via your Rockets email address.

UNIVERSITY POLICIES

It is the policy of the university to comply with all the relevant and applicable provisions of the ADA. The university will not discriminate against any qualified employee, applicant, student, or prospective applicant, with respect to any terms, privileges, or conditions of employment or admission due to a person’s disability. The university is committed to making reasonable accommodations and/or academic adjustments for all employees, students, or applicants with disabilities, provided that the individual can safely perform the essential duties and assignments inherent to the job or the program curriculum and provided that any accommodations made do not represent an undue hardship to the institution. Academic adjustments, however, shall not alter the fundamental nature of the programs and courses offered by the university

Academic Accommodations
The University of Toledo is committed to providing equal access to education for all students. If you have a documented disability or you believe you have a disability and would like information regarding academic accommodations/adjustments in this course please contact the Student Disability Services Office.

ACADEMIC POLICIES

Drop, Withdrawal, and Incomplete Grades: Course drop and withdrawal procedures have been set by the University faculty. Pay attention to those add/drop dates as they pass very quickly during the semester! For both dropping the course or withdrawing you should go to Rocket Solution Central in Rocket Hall. You do not need your instructor’s permission for either process. Please note that course registration changes might change your financial aid. A course grade of incomplete is given only to those who have completed all but a small percentage of course requirements for an acceptable reason.

Special Needs: The University is an equal opportunity educational institution. If you have special needs with respect to your participation in this course, please make an appointment to discuss this matter with me, as soon as possible. I will work with you and the Office of Accessibility to make appropriate accommodations for your needs.
Communication: You are urged to communicate with me about any aspect of the course with concerns you or which might limit your success. All email communications need to be addressed to Dr. Beres and contain the course name and the students name in the email. Emails will generally be answered within 24 hours. I want you to be successful in this course so let’s work together!

COURSE EXPECTATIONS

- Attendance is expected, if you are absent, you are responsible for any material covered in lecture.
- Participation is expected and highly encouraged.
- If you need to arrive late or leave early please sit near the door as to minimize the level of disruption to the class

GRADING

You will be given 1 point each day for your attendance.

You will be given up to 3 points per day for participating in lecture. Participation is defined as doing the problems provided, both individually and in groups and then working out those problems on the board and engaging in active discussion about the topic.

65% of the total points for this course will be required to receive credit for this course

COURSE SCHEDULE

Chapter 11 - Review of Organic Chemistry
Chapter 12 – Organometallic Compounds
Chapter 13 – Radicals and Reactions of Alkanes
Chapter 16 – Reactions of Carboxylic Acids and Carboxylic Derivatives
Chapter 17 – Aldehydes and Ketones
Chapter 18 – Reactions at α-Carbon of Carbonyl Compounds
Chapter 19– Reactions of Benzene and Substituted Benzenes
Chapter 20 – Reactions of Heterocyclic Compounds and Amines
Chapter 14 – Mass Spectrometry
Chapter 15 – NMR Spectroscopy

The timetable will follow that of the lecture course as closely as possible.