CHEM2430
Recitation for Organic Chemistry I
The University of Toledo
Department of Chemistry and Biochemistry
College of Natural Sciences and Mathematics

Instructor: Dr. Zin-Min Tun
Email: zinmin.tun@utoledo.edu
Office Hours: M 10:30 am – 1:00 pm
W 11:30 am – 2:00 pm
Or by appointment
Office Location: BO 2034
Office Phone: (419) 530-4591
Term: Fall 2019
Lab Location/Times: Multiple areas/times
Course Website: http://dl.utoledo.edu
Instructor’s Website: N/A

COURSE/CATALOG DESCRIPTION
Optional recitation sections that discuss concepts and solve practice questions in CHEM2410.

COURSE OVERVIEW
In Organic Chemistry I 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 in order to decide your receiving credit for this course.

COURSE OBJECTIVES & LEARNING OUTCOMES
Students who successfully complete this course will be able to:
• Describe organic compounds with multiple functional groups through the IUPAC naming system
• Predict physical properties of organic compounds
• Determine general reactions of a variety of organic compounds

TEACHING STRATEGIES
Problems will be distributed to the student at the beginning of the class. Students will work on the problems independently before the answers are discussed. 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
Organic Chemistry I (CHEM 2410)

REQUIRED AND RECOMMENDED MATERIALS
A. Required Materials:
   N/A
B. Recommended Materials:

ACADEMIC POLICIES
All students at the University of Toledo are expected to read, understand, and follow the academic policies that govern their attendance at the University. These policies include, but are not limited to, academic dishonesty, academic forgiveness, adding and dropping a course, grades and grading, and the missed class policy. Please use the following URL to read a comprehensive list of academic policies that pertain to you in this class and throughout your academic journey: http://www.utoledo.edu/policies/academic/undergraduate/. If you have any questions after reading through the policies, please let me know.

ACADEMIC ACCOMMODATIONS
The University of Toledo embraces the inclusion of students with disabilities. We are committed to ensuring equal opportunity and seamless access for full participation in all courses. For students who have an accommodations memo from Student Disability Services, I invite you to correspond with me as soon as possible so that we can communicate confidentially about implementing accommodations in this course. For students who have not established affiliation with Student Disability Services and are experiencing disability access barriers or are interested in a referral to healthcare resources for a potential disability or would like information regarding eligibility for academic accommodations, please contact the Student Disability Services Office by calling 419.530.4981 or sending an email to StudentDisability@utoledo.edu.

ACADEMIC AND SUPPORT SERVICES
The university provides a variety of academic and support services on campus to help you succeed and reach your fullest potential. Whether you need to ask a question, get help with an assignment, seek advice from a counselor, find a job or join a club, UToldeo is there for you! Just use the following URLs to find the academic support or service you need:

- Tutoring: http://www.utoledo.edu/success/lec/
- Library: http://www.utoledo.edu/library/
- Success Coaching: https://www.utoledo.edu/successcoach/
- Student Affairs: http://www.utoledo.edu/studentaffairs/
- Career Services: http://www.utoledo.edu/success/career/
- Chemistry Help Center: BO 2043. There is where chemistry TAs hold their office hours, and it is generally open all day through M-F and evenings through M-Th. No appointment necessary.

SAFETY AND HEALTH SERVICES FOR UT STUDENTS
In addition to the university policies developed to ensure your health and well-being as a student, there are also a number of on and off campus resources available to support you including a food pantry! Please use the following link to see some additional resources available to you: Campus Health and Safety Contacts Link to Food Pantry: http://www.utoledo.edu/studentaffairs/food-pantry/.

COURSE EXPECTATIONS
- Attend and participate in all recitation sections. If you miss more than one session, please bring in documentation concerning your absence.
- If you need to arrive late or leave early please sit near the door as to minimize the level of disruption to the class. No electronic devices are allowed.
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.

GRADING POLICIES
The attendance will be taken in all classes (totally 14 times) during the semester. You will receive credit for this course if you miss the class no more than three times. Otherwise, you will receive no credit.

Communication: You are urged to communicate with me about any aspect of the course with concerns you or which might limit your success. Please allow for 24 hours, not including weekends or holidays, for a reply from me. Please also make sure that you include your course number and section number (e.g. CHEM2410-091) either in the subject line or in the body of the email to facilitate the communication. We want you to be successful in this course so let’s work together!

COURSE SCHEDULE
Chapter 1: Structure and Bonding in Organic Molecules
Chapter 2: Structure and Reactivity
Chapter 3: Reactions of Alkanes
Chapter 4: Cycloalkanes
Chapter 5: Stereoisomers
Chapter 6: Properties and Reactions of Haloalkanes
Chapter 7: Further Reactions of Haloalkanes
Chapter 8: Hydroxy Functional Group: Alcohols
Chapter 9: Further Reactions of Alcohols and the Chemistry of Ethers
Chapter 11: Alkenes: Infrared Spectroscopy and Mass Spectrometry (except the IR and Mass portion)
Chapter 12: Reactions of Alkenes
Chapter 13: Alkynes
Chapter 14: Delocalized Pi Systems (except 14-11, the Ultraviolet and Visible Spectroscopy portion)