Instructor: Dr. Alireza Shokri, 3 Smith Hall, Phone: 612-625-5066
E-mail: shokr001@umn.edu (best way to contact me)

Office Hours: M,F 11:45 - 1:00 pm or by appointment via email.

Email Policy: In your e-mails, in the subject box, you must start with your course number, which is CHEM 2302-002. Otherwise I may not see your email. I will try to answer your emails within 24 hours of receiving them. Please try not to wait until the last minute before the exams to send emails and ask your questions. Please avoid asking email questions such as “how do you answer question 7?” since there are large number of students in the class. The best way to answer your chemistry questions is to attend lectures, office hours, and review sessions.

(REQUIRED) “Student Study Guide/Solutions Manual” by Janice Smith & Erin Berk
McGraw Hill ConnectPlus subscription (comes with Smith)
iClicker2 (UMN Bookstore) OR Smartphone REEF poller
Molecular Model kit (UMN Bookstore, recommended)

Class Website:
Moodle will be used as the official web site for this class. Copies of the exam keys and other useful information can be found there. To access it go to: www.myu.umn.edu (or through the “myU” portal on OneStop). Old exams will be posted on that site for you to practice.

Coverage: Chapters 16 – 26 of Smith will be covered.

Tutor Hours: The tutor room (Smith 124) will be open January 23rd through finals week (M-Th 12-7 pm and Fridays 1-3 pm).

Exams: Exams I, II, and III will be held during regular class time (50 minutes). Room assignments for the exams will be given out before the each exam. Books, notes, model kits, calculators and mobile electronic devices will not be allowed. You must take the exam in ink and not use white-out. Note the time of the final exam. The final exam will be comprehensive.

Exam I : Friday Feb 10th
Exam II : Friday Mar 10th
Exam III : Friday Apr 14th
Final Exam : Saturday May 13th at 1:30 - 3:30 pm
Grading Policies:
Final Grade: The final grade will be determined as follows:
   (1) 3 midterm exams (200 points each, 600 points),
   (2) Final exam (350 points)
   (3) In-class clicker participation (50 points, completion; 80% clicker points = perfect score)
   (4) LearnSmart online modules (50 points, (% completion * 50 points; e.g. 90% -> 45 points).

Clickers: We will be using clicker for in class participation. Only your participation will be graded, not correctness. You will be granted full credit (50 points) for participation in 80% of the clicker questions over the course of the semester, with the 20% allowing for forgetting your iClicker or occasionally missing class. There are no makeup for iClicker points. If you earn more than 50 points, only 50 points will be counted towards your grade. If you earn less than 50 points, credit will be prorated. Clicker points will account for approximately 5% of your grade. The iClicker2 device is sold at the campus bookstore. You must register your iClicker with Moodle to receive full credit: step-by-step instructions can be found at http://z.umn.edu/iclickerstudent. The deadline to register your iClicker is the end of the add-drop period. Our clicker class frequency is AA.

McGraw-Hill Connect:

Go to the link I have created for this course:

and register using the book registration code (can be obtained with purchase of new book or separately). Upon registration, you will have access to the e-book and a lot of other features that comes with it. There is a LearnSmart Module that is perfect for reading chapters in very interactive manner before coming to the class. There will be 11 online assignments over the course of semester (due dates are posted online). Each assignment will be worth approximately 4.55 points. You can earn 50 points upon completion (not correctness) of the LearnSmart assignments before due dates. No late homework will be accepted (no exceptions).

ChemFoundations: Chemfoundation is an optional study group program developed in department of chemistry. Leaders of the program are undergraduate or graduate students with strong chemistry background who will meet with students once in a week. The meetings are designed to be an hour active-learning sessions where students and leaders discuss problems. You can “try-out” different leaders and attend one or more sessions that you prefer. Sessions information will be given once classes have started. For questions or problems, please contact Jake Brutman (brutm003@umn.edu) or Professor Jane Wissinger (jwiss@umn.edu).

Exam Regrade Policy: If you think your exam needs to be regarded, you must write your complaint(s)/reasons on "Request for Regrade" form found on the Moodle website.
and staple it to your exam. In your complaint(s) feel free to refer the textbook (please mention the textbook page numbers) or lecture notes. Regrade requests are to be submitted by the end of the class period following the one in which the exam was returned. To qualify for a re-grade, you must take the exam in ink and not use white-out.

**Exam Absences:** Missed midterm exams will be counted as a zero unless student has a written documentation and a reason that is extenuating and acceptable. The student must notify me before the exam or on the day of the exam by email or by phone. It is student’s responsibility to make arrangements with me to make up the test. There will be no make-up final exam. If the final exam is missed, an ‘F’ grade will be given unless an incomplete had been arranged by May 5th. No early final exams will be given.

**Academic Dishonesty:**
Academic dishonesty can lead to a failing grade in this course.

**Policy on Scholastic Dishonesty:** “Scholastic dishonesty is any act that violates the rights of another student with respect to academic work or that involves misrepresentation of a student’s own work. Scholastic dishonesty includes (but is not limited to cheating on assignments or examinations; plagiarizing (misrepresenting one’s own work done by another); submitting the same or substantially similar papers for more than one course without consent of all instructors concerned; depriving another of necessary course materials; sabotaging another’s work.”-*Classroom Grading and Examination Procedures, College of Liberal Arts.*

For more information see: https://regents.umn.edu/sites/regents.umn.edu/files/policies/Student_Conduct_Code.pdf

**Policy on I Grade:** “The policy of the Chemistry Department is that a student may request an incomplete only when (a) he or she has a University sanctioned excuse for missing the final exam and (b) he or she is passing the course based on all other graded components. Assignment of an I requires that the instructor and student sign a contract, available in the Departmental undergraduate office, stipulating the procedure by which the I grade will be made up (e.g., taking a final exam from another instructor in the next semester). Failure to complete successfully the procedure outlined in the contract will result in the I being administratively changed by the University Registrar to an F or N (depending on the grade base) one calendar year from the end of the semester for which the I grade was granted. Requests for an incomplete will not be considered the day of, or the day before, the final exam.

Students will not be permitted to repeat an entire course without registering.” Reference: http://www.chem.umn.edu/undergrad/UGInfo.html

**Approximate Course Schedule:** The course will be covered based on the sequence of the lecture notes. I will let you know precisely what material will be covered for each exam. There will be a catch up and review session before each midterm exam.
Suggested Homework Problems:
The following problems have been assigned for each chapter. Detailed answers of the problems can be found in “Student Study Guide/Solutions Manual”. However, if you need more explanations or discussion for some of the problems or classroom topics, you may like to join study groups, stop by and see me during office hours, or see teaching assistants during tutor hours. Do not let the material get ahead of you. More and more practice you get, you will enjoy organic chemistry more.

Assigned Problems:

Chapter 16: 9, 13, 14, 15, 17, 19, 22, 23, 26, 41, 42, 46, 50-52, 55, 57, 60, 61, 62, 66, 67
Chapter 17: 8, 10, 12, 14, 16-19, 21, 31-36, 40, 46, 47, 48, 50, 55
Chapter 19: 1-3, 7-9, 12-21, 24, 28, 30, 33-41, 43, 44, 46-48, 56-59, 71, 72
Chapter 20: 1-25, 27-39, 41-45, 48-64, 66-75, 83
Chapter 22: 1, 5-7, 10, 12-25, 28-30, 35-40, 42-55, 57-62, 64, 65, 68-78, 86-88
Chapter 23: 1-62, 64-68, 72, 76
Chapter 24: 1-42, 44-48, 50, 54-56, 60-69
Chapter 25: 1, 3, 5-7, 11-19, 21, 23-29, 31-39, 42, 44-58, 60-69, 71-78, 80-82, 86, 87, 89, 90
Chapter 26: 1, 3-12, 17-24
Chapters 27, 28, 29, 30: To be discussed in the class.