CHEM 2302 – 001, Spring 2017
Organic Chemistry II, 3 Credits

Instructor: Sarah Wegwerth
Office: Smith Hall 16
Email: wegw0013@umn.edu (the best way to contact me)
Website: All class information will be posted on the course Moodle website

Class Hours: M/W/F 9:05AM – 9:55AM, Smith Hall 100
Office Hours: M 10:05 – 11:05AM; W 12:00 – 1:00PM; F 1:30 – 2:30PM, and by appointment

Prerequisites: CHEM 2301 (grade of at least C–)

Materials:
- Recommended: Study Guide to book (note: it is on reserve in Walter Library); A molecular model kit

Grading Policy:
Final grades will be calculated using the percentages outlined below:

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Best Three Mid-Term Exams (3 × 100 pts)</td>
<td>300</td>
<td>54.5%</td>
</tr>
<tr>
<td>Best 10 of 14 Online Assignments (10 × 5 pts)</td>
<td>50</td>
<td>9.1%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>200</td>
<td>36.4%</td>
</tr>
<tr>
<td>Total Points Possible</td>
<td>550</td>
<td></td>
</tr>
</tbody>
</table>

Exam grades will be posted for registered student on the course Moodle 3.0 site. You are responsible for checking that scores are recorded accurately during the semester. Final grades will be determined based on your standing in the class as a whole. I anticipate the B–/C+ cutoff to be around the 50th percentile. Historically approximately 20% of students earn A’s and 30% earn B’s.

Exams: Four mid-term examinations (50 minutes each) will be given during class time on the dates below, as well as a cumulative two-hour final exam on the date and time below. Mid-term examinations will start promptly at 9:05AM and end at 9:55AM. If you arrive late you will not be given extra time. Student IDs are required. All exams are closed-book and no notes, calculators, or models are permitted. All electronic devices must be silenced and stowed out of sight during the exams.

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam I</td>
<td>Wednesday, February 8th</td>
</tr>
<tr>
<td>Exam II</td>
<td>Wednesday, March 8th</td>
</tr>
<tr>
<td>Exam III</td>
<td>Wednesday, April 5th</td>
</tr>
<tr>
<td>Exam IV</td>
<td>Wednesday, May 3rd</td>
</tr>
<tr>
<td>Final Exam</td>
<td>Wednesday, May 10th from 10:30AM – 12:30PM</td>
</tr>
</tbody>
</table>

Exams are cumulative throughout the semester with an emphasis on material covered since the previous exam. If all four hourly exams are taken, the lowest grade score will be dropped, regardless of the exam average. If a student misses an examination, that score will be counted as the exam dropped, regardless of the reason for the absence (see policy on exam absences below). Absolutely NO late make-up exams will be given. If special consideration needs to be given (i.e. University approved absences), please email me ASAP to make arrangements. For special circumstances exams can be taken early, but never late.
Online Assignments (Connect*): All graded assignments will be listed and submitted using *McGraw-Hill Connect website. You will need to activate your McGraw-Hill Connect Account by using the link that can be found on the course Moodle site. Instructions for registration can also be found on the course Moodle site. No late homework will be accepted (no exceptions). I recommend not waiting until the last minute to complete your homework, as it will take some time to become familiar with the Connect Program. There is a three-week trial period if you are trying-out the class or waiting on financial aid.

There will be approximately 14 online homework assignments available over the course of the semester. Only 10 of these assignments will be counted towards your final grade (lowest four will be dropped). Each assignment will be worth 5 points and will contain approximately 5-10 problems depending on the difficulty. These assignments will be posted Monday evenings by 11:59PM and are due the following Monday at 6:00PM (CST). These assignments are designed to assess your knowledge of the material being covered and include questions where you will be asked to draw structures, predict the starting materials or products for reaction and understand mechanisms. Because the purpose of the assigned homework problems is self-evaluation, you will be able to check your answers and rework the problems that were incorrect. Additionally, the attempts allowed will be unlimited for submitting each assignment. These assignments are not timed, however, they should only take you about 30-40 minutes to complete as long as you understand the material.

iClickers: The required device is the iClicker2, and it is sold at the campus bookstore. At the end of the semester, the bookstore will buy back your clicker, as long as it is in good condition. The iClickers will be used to answer multiple-choice questions in class. These questions will give you, the student, a chance to test your understanding of the material being covered in class and or your ability to apply previously learned concepts to new problems. This will also benefit you by helping your instructor assess what topics may need more explanation. Please register your clicker. Registration is done through the course Moodle site. For complete, blow-by-blow directions to register your clicker go to https://it.umn.edu/moodle-students-purchase-register. This site includes answers to frequently asked question and technical help via both a web link and a phone number.

Policy on Exam Absences: There will be no make-up exams. If you miss an exam for serious illness or family emergency you should contact me ASAP (email is fine). The first missed exam will be used as your drop exam but you should still supply documentation of the reason for missing the exam in case another exam is missed for illness etc. Additional missed exams will be recorded as a zero unless written documentation is provided and the reason for missing the exam is extenuating and deemed acceptable. The final exam can only be missed due to illness or family emergency and documentation must be provided. However, in cases where the final exam is missed an incomplete (“I”) final grade will be assigned according to the policy outline below. Missing more than one exam for the semester will be dealt with on an individual basis.

Policy on an Incomplete (I) Grade: An incomplete grade will be assigned only when the final exam is not taken AND the work completed to that date (at least two midterms must have been taken and an approved reason for missing a third) is satisfactory (C- or better). An incomplete grade can only be corrected by taking a regularly scheduled 2302 final exam next semester. If the final exam is not taken and/or the work completed to that date is not satisfactory, a F grade or a N grade will be given depending on whether the course is taken under the A-F or S-N grading system. **The “Agreement for Making Up an I Grade” form must be completed and signed by the instructor, student, and a third party within 48 hours after the final exam.**
Exam Regrade Policy: If you have a complaint about the grading of your exam you can submit your exam to be regarded by following the guidelines outlined below:

1. Regrades will be due by 9:05am (start of class) one week after the class period the exams are returned, even if you pick-up your exam at a later time. They can be submitted directly to me in class, in my office (Smith 16), or in my mailbox in Smith 115 (email me when you drop it off). Late regrade requests will not be accepted.
2. Only exams taken in INK will be eligible for a regrade. Exception: Math errors in calculating your score all math errors will be corrected (still must be submitted on time).
3. When submitting an exam for a regrade you must attach the “regrade request form” that can be found on the course website. Please fill this form out, indicating which specific questions need to be regraded and staple it to the front of your exam. (DO NOT WRITE ON YOUR EXAM).

Failure to adhere to the policy outlined above will render you ineligible for a regrade. Please note that the exam will be regraded in its entirety and grade adjusted accordingly (up or down).

Altering an exam and submitting it for a regrade is an act of scholastic dishonesty and will result in a “0” for the entire exam.

Scholastic Dishonesty Policy: “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 no limited to) cheating on assignments or examinations, plagiarizing (misrepresenting as one’s own anything done by another), submitting the same or substantially similar papers (or creative work) for more than one course without consent of all instructors concerned, depriving another of necessary course materials, and sabotaging another’s work.” Classroom Grading and Examination Procedures. College of Liberal Arts.

A student guilty of scholastic dishonesty will be awarded a grade of zero (0) for the exam involved and that score will not be dropped in calculating the final course grade. Furthermore, the incident will be reported to the Office for Student Academic Integrity and to the college in which the student is enrolled.

How To Do Well In This Class:

1. **Come to class** and read or at least skim over the assigned reading before each lecture. This will allow you to listen more carefully to the lecture and learn instead of just copying notes. If you miss lecture YOU are responsible for obtaining notes and any announcements made in class. Please do not e-mail and ask me “what was covered” or for handouts (these will be posted on the website).
2. **Participate in class.** We will be working problems in class on a regular basis. Take this time to work with others either in a learning or teaching capacity. Ask questions, review notes, USE THE TIME WISELY.
3. **Problems, problems, problems!** The only way to learn organic chemistry is to write it on paper. If you are short on time resist the temptation of thinking you need to read the entire chapter before doing the problems. Approach the problems first to understand what the questions are that need to be answered. Do not try to just do the problems in your head or read the Solutions Manual. You must be able to properly draw the structures of organic molecules. Exams are graded by what you can accurately put on paper, not what is in your head.
4. **Do not approach the course through memorization.** The beauty of organic chemistry is that the material from Chapter 1 all the way to Chapter 30 is intimately interconnected.
Understanding the basic concepts such as molecular structure, movement of electrons, mechanisms, and bond stabilities allows one to predict and problem-solve with new reactions and molecules. Learning the synthesis of one functional group is learning the reaction of another. Work on the big picture, continually.

5. **On-line Homework Assignments** – This is a sure fire way to enhance both your grade and confidence in the material you have learned. Challenge yourself to keep current with the material each week so that you can complete these assignments without the use of course notes or the textbook. Only YOU can make this time a meaningful learning experience.

**Tutor Hours**: Organic tutor hours will be held in Smith 124 throughout the semester beginning January 23rd according to the schedule posted on the door and my website. It is important to me that your time is well spent in this room. Please inform me or the Head Organic TA (Juniant Zhang, zhan3275@umn.edu) if tutors are not present at their scheduled time, helpful, or leave for extended periods of time. A reminder that the purpose of a tutor is to help you learn, not simply give you answers to questions or problems. The tutors are instructed, in fact, to ask YOU questions that will help you understand what concept you are missing that is preventing you from solving a particular problem. Self-discovery will enhance the depth and retention of your knowledge.

**ChemFoundations Program**: Another optional study group program is ChemFoundations. This program involves the volunteer efforts of advanced undergraduate/graduate students (the ChemFoundations Leader) who enjoy teaching and helping students to succeed in organic chemistry. Each ChemFoundations leader will meet at a designated time and place once a week with students to work problems and review difficult concepts. It is designed to be a one-hour to one and a half hour active-learning session; not a lecture, office hour, or private tutoring session. So please attend only if you are willing to participate and engage in group learning. You are free to “try-out” the different leaders and select one or more that best fits your learning style. Session information will be given the first week of classes and the Organic Chemfoundations program will start January 23rd. For questions or problems, please contact Jake Brutman (brutm003@umn.edu) or Professor Jane Wissinger (jwiss@umn.edu).

**Student Mental Health and Stress Management**: As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, alcohol/drug problems, feeling down, difficulty concentrating and/or lack of motivation. These mental health concerns or stressful events may lead to diminished academic performance or reduce a student's ability to participate in daily activities. University of Minnesota services are available to assist you with addressing these and other concerns you may be experiencing. You can learn more about the broad range of confidential mental health services available on campus via [http://www.mentalhealth.umn.edu/](http://www.mentalhealth.umn.edu/).

**Additional University Policies**: The following University policies are available at [https://policy.umn.edu/education/syllabusrequirements](https://policy.umn.edu/education/syllabusrequirements): Student Conduct Code; Teaching and Learning: Student Responsibilities; Sexual Harassment; Equity, Diversity. Equal Employment Opportunity, and Affirmative Action; Disability Services; Academic Freedom and Responsibility.

I hope you enjoy this class and appreciate how relevant organic chemistry is to your everyday life!