

Mondays-Thursdays 11:00 a.m. – 12:50 p.m. (Room 109)

OFFICE: Science Research Building (SRB) 226

PHONE: (940) 565-2248 or (940) 565-2713 (Chemistry Dept. Office)

E-MAIL: Kristin.Sherman@unt.edu It is preferred that you communicate with me through BlackBoard email.

Replies will occur within 24 hours of receipt.

OFFICE HOURS: Mon –Thurs 2:00 p.m. – 3:00 p.m. (Other times may be available by appointment)

COURSE MATERIALS:

Textbook: Jones, M. & Fleming, S. A., (2010), *Organic Chemistry*, 4th Edition, New York: W. W. Norton & Company, ISBN-13: 978-0303031495. Both hardcopy and e-book are acceptable.

Access: Sapling Learning for Organic Chemistry. Go to <http://saplinglearning.com> and follow instructions for creating an account. You will be asked to create a login and password. This is required for the course as part of your grade is determined by successful completion of the online homework.

Solutions

Manual: *Study Guide/Solutions Manual for Organic Chemistry, Fourth Edition*, ISBN-13: 978-0-393-93500-4

Model Kit: A molecular model set such as “Chem-Tutor” or other similar molecular modeling kit will aid in your understanding of spatial arrangements and reactions mechanisms.

OTHER RESOURCES:

Internet: The webpage for this course can be found on BlackBoard Vista at <https://ecampus.unt.edu/webct/entryPage.dowebct>. The syllabus, lecture notes, and other information will be made available as needed. You can keep track of your grades through BlackBoard. Homework is administered over the internet via Sapling Learning at <http://saplinglearning.com>.

Additional

Help: Free tutoring is available through the **Chemistry Resource Center (CRC)** located in Chemistry 231. The CRC is open daily from 8:00 a.m. - 12:00 p.m. and from 1:00 p.m. - 5:00 pm. Chemistry graduate students who are teaching assistants can help you with problem solving.

Computer

Access: The Computational Chemistry Instructional Laboratory (CCIL) located in Chemistry 232 provides computer access to all undergraduate and graduate students enrolled in UNT chemistry courses. Computers are to be used only for chemistry related work and instruction. The CCIL is open daily from 9:00 a.m. – 12:00 a.m. and from 1:00 p.m. – 4:00 p.m. CCIL is staffed by chemistry graduate students knowledgeable in the area of computational chemistry.

COURSE DESCRIPTION

Nucleophilic and electrophilic reaction mechanisms; molecular rearrangements; radical reactions; organic synthesis; absorption spectra of organic compounds of biological interest.

DAILY SCHEDULE

Monday	Tuesday	Wednesday	Thursday
<u>7/11</u> Chapter 11: 11.1-11.6	<u>7/12</u> Chapter 11: 11.7-11.11 Chapter 12: 12.1-12.8	<u>7/13</u> Chapter 12: 12.9-12.12 Chapter 13: 13.1-13.6	<u>7/14</u> Chapters 11 & 12 Test
<u>7/18</u> Chapter 13: 13.7-13.12	<u>7/19</u> Chapter 14: 14.1-14.7	<u>7/20</u> Chapter 14: 14.8-14.15	<u>7/21</u> Chapters 13 – 14 Test
<u>7/25</u> Chapter 16: 16.1-16.7	<u>7/26</u> Chapter 16: 16.8 – 6.19	<u>7/27</u> Chapter 17	<u>7/28</u> Chapter 16 – 17 Test
<u>8/1</u> Chapter 18: 18.1 – 18.5	<u>8/2</u> Chapter 18: 18.6-18.15 Chapter 19: 19.1-19.7	<u>8/3</u> Chapter 19: 19.8 – 19.15	<u>8/4</u> Chapter 18 - 19 Test
<u>8/8</u> Special Topic 1: Chapter 22	<u>8/9</u> Special Topic 2: Chapter 23	<u>8/10</u> Review for final exam	<u>8/11</u> Review for final exam

Final Exam for CHEM 2380 will be on FRIDAY August 12 in CHEM 109.

EXPECTATIONS

Attendance and Participation

1. Regular attendance at lectures is required and expected. However, if you are unable to attend due to reasons beyond your control, you must inform me as soon as possible. If you are absent from two or more classes without an excuse, you may be dropped from the class. Not surprisingly, there is a strong correlation between regular attendance and excellent performance in this course.
2. Because the course meets daily for 1 hour and 50 minutes for 5 weeks, the pace of the class is very fast. The class will start on time and end on time. Missing class means you will miss required information and experiences. Credit for attendance requires coming on time and staying until class is over.

Communication with Instructor

1. Use Blackboard's e-mail for communication with Dr. Sherman. She will respond to student e-mails within 1 working day (24 hours). Working days do not include weekends or holidays. Your instructor will more than likely be more prompt in responding and would possibly respond on weekends and holidays.
2. Students are encouraged to develop communication networks with other class members via electronic communication vehicles such as Blackboard's e-mail, bulletin board, and/or chat. The use of University-based electronic media is governed by University policy. Violation of University policy will result in loss of privileges and significant loss of points in this class due to denial of access to electronic media.
3. Students should consider the communication parameters with regard to assignment due dates. Please be aware that Dr. Sherman may not be able to respond to "last minute" requests for assignment clarification, and students may encounter unforeseen problems with their Internet provider, software, or hardware. If you have a question, please be sure to write "Question" in the subject box.
4. Check the course Web site daily for class information and updates.

Assignments

1. Assignments will be given, both in-class and as homework, typically related to the topic under discussion in lecture. Some may involve small-group activities. The assignments are intended to improve your understanding of various organic chemistry concepts. Quizzes, which may be given online or in class, are intended to help you keep on top of material covered in class.
2. **Late Assignments Policy:** Assignments must be submitted through Sapling by the dates indicated on the course outline. **Late work will not be accepted. Assignments are due by 11:00 a.m. (defined as between 10:59 a.m. and 11:00 a.m.)**
3. You are responsible for learning and understanding the material covered in the course. You are also responsible for reading the textbook and solving the end-of-chapter problems (many of the questions on exams will be similar to these) in your text. While no questions are assigned directly from the textbook, some questions may also pertain to material in the text that was not discussed explicitly in class. **Do NOT ignore the challenge problems: work through them to grasp many complex concepts in greater depth.**

Exams:

1. There will be four exams given during the course, plus a comprehensive final exam at the end of the course. Typically, these will be during the lecture period. The lowest score of the four exam scores will be dropped when determining the final grade. Exams will occur on Thursdays: 7/14, 7/21, 7/28, and 8/4. The final exam will occur on the scheduled exam date for the term: August 12, 2011.
2. **No makeup exams will be given after the scheduled class time.** If you must miss an exam, you need to see me at least five (5) days prior to the exam to get permission to take the test prior to the scheduled exam date. If you miss the exam without seeing me first, you will receive an official grade of zero (0) for the exam. Missing 2 exams will result in an automatic F in the course. If you arrive late to an exam, you will not receive any more time beyond the ending time for class to work on the test.
3. The final exam will be a comprehensive standardized exam that is produced by the American Chemical Society (ACS) and will cover content found in both semesters of Organic Chemistry. It is a multiple choice test consisting of 70 questions to be answered in 120 minutes. There is no penalty for wrong answers, so it is important that you answer all the questions on the test even if you are not sure of the correct answer.

GRADING

<i>Item</i>	<i>Percentage of Final grade</i>
Unit Exams (best 3 of 4)	60% (20% each)
Assignments & Quizzes	10%
Final Exam	30%

Grading in this course is completely objective. Grade assignment is strictly mathematical and is entirely based on the number of points you earned during the course. Moreover, in the interest of fairness to all students, I will not give additional extra credit assignments at the very end before the final grade is assigned. Please do not ask me to give you a special extra credit assignment if you are unhappy with your exam scores as the term progresses.

Final grades are assigned based upon the following scale:

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
less than 60	F

Americans with Disabilities Act: The University of North Texas is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 92-112 – The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans With Disabilities Act (ADA), pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same

opportunities enjoyed by all citizens. A copy of the College of Education ADA Compliance Document is available in the Dean's Office, Matthews Hall 214. *It is the responsibility of the student to inform the instructor of any disabling condition that will require modifications at the beginning of the course.*

UNT Policy on Scholastic Dishonesty: Students who violate university rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course or dismissal from the University. Since such dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced.

The UNT code of Student Conduct and Discipline provides penalties for misconduct by students, including academic dishonesty. Academic dishonesty includes cheating and plagiarism. The term "cheating" includes, but is not limited to (1) use of any unauthorized assistance in taking quizzes, tests, or examinations; (2) dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments; and (3) the acquisition without permission, of tests or academic material belonging to a faculty or staff member of the university. The term "plagiarism" includes, but is not limited to, the use of the published or unpublished work of another person, by paraphrase or direct quotation, without full and clear acknowledgement. It also includes the unacknowledged use of materials prepared by another person or agency engaged in the selling of term papers or other academic materials. If a student engages in academic dishonesty related to this class, the student will receive a failing grade on the test or assignment and a failing grade in the course. In addition, the case will be referred to the Dean of Students for appropriate disciplinary action.

See: http://www.unt.edu/csrr/student_conduct/misconduct.html

This course syllabus is intended to be a guide and may be amended at any time.