

## Chemistry 2131-03, Organic Chemistry I – Fall 2011

- Instructor:** Dr. Michael Walter      **Office/Lab:** Burson 254/214-216
- Phone:** 704 687 8291      **E-mail:** Michael.Walter@uncc.edu
- Office Hours:** every weekday (Mon.-Fri.) 11:00 am - 12:00, or by appointment (email)
- Class Meetings:** Tues. / Thurs., 9:30 – 10:45 AM in Burson 115
- Friday Session:** Friday 2:00 – 3:50 PM in Burson 121 (Quizzes and exams will be given during this time in addition to the opportunity to go over chapter problems.)
- Textbook:** P. Vollhardt, N. Schore, Organic Chemistry: Structure and Function, 6<sup>th</sup> ed., Freeman & Company, New York **2011**.
- Study Guide:** N. E. Schore, Study Guide and solution Manual for Organic Chemistry: Structure and Function, 6<sup>th</sup> ed., Freeman & Company, New York, **2010**. (It is highly recommended to solve problems on your own before consulting the solutions manual so that you'll understand each step of the solution process).
- Course Prerequisites:** Completion of CHEM 1251 and CHEM 1252 with a grade C or better is required.
- Course Objective:** CHEM 2131 will introduce you to the principles of bonding, structure, and reactivity in organic chemistry. The course covers chapters 1-9 and 11-13 (excluding IR spectroscopy) in the above textbook (P. Vollhardt).
- Attendance:** You should attend class on a regular basis. Announcements in class related to certain topics that may not be covered in your textbook might show up on a quiz or exam. Your absence from lecture does not excuse you from missing any announcements made during regular class time.
- Grading:** The final course grade will be determined by total points accumulated. Maximum is 700, based on the sum of 10 weekly quizzes worth 10 points each, 4 midterm exams, worth 100 points each, a final exam, worth 200 points, given in class as indicated on the schedule. (Missing an exam/quiz will require a written medical excuse. An appropriate fraction of the final exam score will replace the missed exam. There will be no make-up exams.) (Scores of  $\geq$  90% - A, 75% - B, 60% - C, 45% - D)
- Extra Credit:** There will be an opportunity to earn extra points with five sets of 3 organic molecules to investigate online. Each set returned correctly earns 4 points extra credit, up to 20 points total.

Class Schedule

<u>Date</u>	<u>Classwork</u>	
T, 8/23	Introduction	Chap 1 – Structure and Bonding in Organic Molecules
R, 8/25		Chap 1
F, 8/26	Quiz 1	Chap 1
T, 8/30		Chap 2 – Structure and Reactivity
R, 9/1		Chap 2
F, 9/2	Quiz 2	Chap 2
T, 9/6		Chap 3 – Reactions of Alkanes
R, 9/8		Chap 3
F, 9/9	Quiz 3	Chap 3
T, 9/13		Chap 4 - Cycloalkanes
R, 9/15		Chap 4
F, 9/16	Quiz 4	Chap 4
T, 9/20		Chap 5 - Stereoisomers
R, 9/22		Chap 5
<b>F, 9/23</b>	<b>Exam 1</b>	<b>Chap 1-4</b>
T, 9/27		Chap 6 – Properties and Reactions of Haloalkanes
R, 9/29		Chap 6
F, 9/30	Quiz 5	Chap 5 - 6
T, 10/4		Chap 7 – Further Reactions of Haloalkanes
R 10/6		Chap 7
F, 10/7	Quiz 6	Chap 7
T, 10/11	Student Recess – no classes	
R, 10/13		Chap 8 – Hydroxy Functional Groups: Alcohols
<b>F, 10/14</b>	<b>Exam 2</b>	<b>Chap 5 - 7</b>
T, 10/18		Chap 8
R, 10/20		Chap 9 – Reactions of Alcohols and The Chemistry of Ethers
F, 10/21	Quiz 7	Chap 8
T, 10/25		Chap 9
R, 10/27		Chap 11 – Alkenes
F, 10/28	Quiz 8	Chap 9
T, 11/1		Chap 11
R, 11/3		Chap 12 – Reactions of Alkenes
<b>F, 11/4</b>	<b>Exam 3</b>	<b>Chap 8 - 11</b>
T, 11/8		Chap 12
R, 11/10		Chap 13 – Alkynes
F, 11/11	Quiz 9	Chap 12
T, 11/15		Chap 13
R, 11/17		Chap 13
F, 11/18	Quiz 10	Chap 13
T, 11/22		Review
R, 11/24	Thanksgiving Break – no classes	
F, 11/25	Thanksgiving Break – no classes	
T, 11/29		Review
R, 12/1		Review
<b>F, 12/2</b>	<b>Exam 4</b>	<b>Chap 12,13</b>
T, 12/6		Review
<b>FINAL EXAM:</b>	<b>Chapters 1-9, 11-13</b>	<b>Thursday, December 15, 8:00 - 10:30 am</b>

Academic Year Begins	August 15, 2011
Payment Due Date */ Cancellation for non-payment	August 17, 2011 @ 11:59 pm
Last day to cancel all classes with no charges *	August 21, 2011 @ 11:59 pm
First day of classes	August 22, 2011
Saturday classes begin	August 27, 2011
Last day to submit grade replacement form *	August 31, 2011 @ 11:59 pm
Last day to register, add, drop with no grade via the web *	August 31, 2011 @ 11:59 pm
Last day to change Grade Type (P/NC or Audit)	August 31, 2011
Deadline for graduate students to file candidacy forms for December 2011 degree	August 31, 2011
2nd Cancellation for non-payment	August 31, 2011 @ 11:59 pm
Census Date for Fall Enrollment	September 2, 2011
Deadline for Compliance with NC Immunization Law	September 2, 2011
No Saturday Classes	September 3, 2011
Labor Day - University Closed	September 5, 2011
Deadline to apply for December 2011 graduation *	September 15, 2011 @ 11:59 pm
Web Access available for Unsatisfactory Grade submission	September 26, 2011
Student Recess - no classes	October 10-11, 2011
Unsatisfactory grades due by noon	October 14, 2011
Unsatisfactory Grade emails sent to students	October 17, 2011
Spring 2012 Schedule of Classes available on the Web	October 17, 2011
Spring 2012 Final Exam Schedule available on the Web	October 17, 2011
Last day to submit graduate dissertation to the Graduate School for December 2011 degree	October 19, 2011
Last day to withdraw from a course with a 'W' grade (and retain other courses) *	October 31, 2011 @ 11:59 pm
Registration for Spring 2012 begins *	November 7, 2011
Last day to submit graduate thesis to the Graduate School for December 2011 degree	November 18, 2011
Deadline to withdraw from all courses with 'W' grade *	November 21, 2011 @ 11:59 pm
Thanksgiving Break - no classes	November 23-26, 2011
University Closed	November 24-25, 2011
Web Grading Access available for final grading	November 30, 2011
Last day of classes	December 7, 2011
Reading Day	December 8, 2011
Final Examinations	December 9-16, 2011
Saturday Final Examinations	December 10, 2011
Summer 2012 Schedule of Classes available on the Web	December 16, 2011
Commencement	December 17, 2011
Grades due by noon	December 19, 2011
Fall 2011 Probation/Suspension communication sent to students	December 22, 2011
Winter Break - University Closed	December 24-31, 2011
New Year's Day - University Closed	January 1, 2012
University Closed	January 2, 2012
* Online process available through 49er Express	Last updated 1/28/2011

**Classroom climate.** UNC Charlotte strives to create an academic climate in which the dignity of all individuals is respected and maintained. The university celebrates diversity that includes, but is not limited to, ability/disability, age, culture, ethnicity, gender, language, race, religion, sexual orientation, and socio-economic status. You are expected to treat all members of the class with respect.

**Religious Accommodation for Students.** UNC Charlotte provides reasonable accommodations, including a minimum of two excused absences each academic year, for religious observances required by a student's religious practice or belief (see Policy #134, available on the Office of General Counsel web page). Such reasonable accommodations must be requested in accordance with the procedures in Policy #134, and include the opportunity for the student to make up any tests or other work missed due to an excused absence for a religious observance. It is the obligation of students to provide faculty with reasonable notice of the dates of religious observances on which they will be absent by submitting a [Request for Religious Accommodation Form](#) to their instructor prior to the census date for enrollment for a given semester (September 2, 2011 for the fall 2011 semester). A student who submits a Request for Religious Accommodation Form after the census date must show good cause for the late submission, and the late submission itself may be taken into account in determining whether the student has a religious practice or belief requiring accommodation and whether granting the request would create undue hardship.

**Academic integrity.** All UNC Charlotte students have the responsibility to be familiar with and to observe the requirements of The UNC Charlotte Code of Student Academic Integrity (see the Catalog). This Code forbids cheating, fabrication or falsification of information, multiple submission of academic work, plagiarism, abuse of academic materials (such as Library books on reserve), and complicity in academic dishonesty (helping others to violate the Code). Any further specific requirements or permission regarding academic integrity in this course will be stated by the instructor, and are also binding on the students in this course. Students who violate the Code can be punished to the extent of being permanently expelled from UNC Charlotte and having this fact recorded on their official transcripts. The normal penalty is zero credit on the work involving dishonesty and further substantial reduction of the course grade. In almost all cases, the course grade is reduced to "F." A copy of the Code is available online at <http://www.legal.uncc.edu/policies/ps-105.html>. Standards of academic integrity will be enforced in this course. Students are expected to report cases of academic dishonesty they become aware of to the course instructor who is responsible for dealing with them.

**Three Attempts Policy.** The Chemistry Department implemented a new policy regarding the number of times a student may attempt certain chemistry course beginning in Spring 2011. The new policy states that "Students may attempt CHEM 1251, 1251L, 1252, 1252L, 2131, 2131L, 2132, and 2132L a total of three times each. Withdrawing from the course after the Add/Drop deadline constitutes an attempt as does receiving any letter grade."