Course **CHEM 2325 Organic Chemistry II**
Professor Dr. Claudia Taenzler
Term Summer 2017
Meetings M, W, and F 2.30 PM to 3.45 PM in SLC 2.303

Professor's Contact Information

Office Phone 972-883-4686
Office Location SLC 3.505
Email Address xct080100@utdallas.edu
Office Hours M and W from 1.30 PM to 2.30 PM and by appointment

General Course Information

Pre-requisites, Co-requisites, & other restrictions	CHEM 2323 Organic Chemistry I
Course Description	This course is a continuation of CHEM 2323. Students who successfully complete this course acquire the ability to analyze and predict spectra of organic compounds, assess aromaticity of compounds and the reactivity of aromatic compound Tests will be given at the date and time given in the syllabus. No make-up tests will be given. You may drop one test score. There will in addition be quizzes at the beginning of class time on the Thursdays indicated by the syllabus. One quiz may also be dropped. Students often view organic chemistry as a difficult course. I strongly recommend that everyone attempt to keep up with the class as it proceeds. This is not a course where it is easy to 'cram' for a test. Students invariably do better once they learn how to visualize organic molecules, and reactions, in three dimensions. If you know this is a problem I recommend using molecular models to try and view the molecules. Also try to realize that this is not a memorization course. While some memorization is unavoidable, the purpose of this course is to teach everyone the underlying basic principles that drive an organic reaction. Once these principles are handled a student will be able to understand, and predict, why any reaction occurs. The course notes used during lectures can be downloaded as pdf files from "elearning". Course notes will be posted in advance. The test answers will be posted on the bulletin board outside my office.
Learning Outcomes	Upon completing this class, students will: • Be able to predict bonding and three-dimensional structure, including chiralty, and to analyze properties of this 3-D structure of organic compounds. • Be able to compare reactivity amongst a series of organic compounds. • Be able to predict reactivity of specific functional groups and to construct simple and efficient routes for the preparation of desired organic compounds.
Required Texts & Materials	L.G. Wade, Jr., "Organic Chemistry", eighth edition, 2012
Recommended Materials	Solution manual to textbook, molecular model kit

Assignments & Academic Calendar

[Topics, Reading Assignments, Due Dates, Exam Dates]

Date		Topic	Chapter	T H Quiz
MAY 31	JUNE 02	Alcohols/IR	11/12	**Y**
JUNE 05	**07**	IR and MassSpec	12	**Y**
09	12	NMR	13	N
14	16	NMR	13	**Y**
JUNE 19	**21**	Ethers, Epoxides, Conjugates Systems	14/15	**Y**
23	26	Conjugated Systems, Aromatics	15/16	**N**
28		Aromatics	16/17	**Y**
FRIDAY	**JUN 30**	**TEST 1 (2.30 PM)**		
JULY 03	**05**	Aromatics	17	**Y**
JULY 10	**12**	Aldehydes and Ketones	18	**Y**
14	17	Amines	19	N
19	21	Carboxylic Acids	20	**Y**
24	**26**	Carboxylic Acid Derivatives	21	**Y**
FRIDAY	**JUL 28**	**Test 2 (2.30 PM)**		
JULY 31	**AUG 02**	Enols and Enolates	22	**Y**
04	07	Review		
WEDNESDAY	**AUG 09**	**Test 3 (2.30 PM)**		

Days with either a test or T-H quiz are marked in bold and color.

Course Policies

Grading (credit) Criteria

Grades will be determined from a combination of test, quiz and final grades

Tests	2 x 300	600 points (best 2 out of 3)
T-H-Quizzes	10 x 40	400 points
Total		1000 points

900 – 1000 = A+	700 – 769 = B+	550 – 599 = C+	400 – 449 = D+
800 – 899 = A	650 – 699 = B	500 – 549 = C	350 – 399 = D
770 – 799 = A-	600 – 649 = B-	450 – 499 = C-	<350 = F

	• **Take-Home-Quizzes will be given in class each Wednesday (marked in calendar) . The due date is the following Friday in class– no exceptions! No electronic submission!** • **Tests will be given during regular class time. Please see scheduling for details. All students must be present for a take-home-quiz or test to receive credit. Students who take tests at StudentAccessAbility must schedule their tests at the times given in the syllabus. All test and quiz dates and times are clearly marked in the schedule.** • **If you wish to submit an exam or quiz for a re-grade because you believe you lost points unfairly, you must do so within one week of receiving your quiz or exam.** • **Your entire exam and/or quiz will be re-graded, not just the particular problem you pointed out.**
Make-up Exams	There are no make-up exams. If a student misses an exam then that missed grade will be counted as their dropped exam. There are no make-up T-H quizzes!
UT Dallas Syllabus Policies and Procedures	*The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.* *Please go to http://go.utdallas.edu/syllabus-policies for these policies.*

These descriptions and timelines are subject to change at the discretion of the Professor.