

## CHEM 2323-03 COURSE SYLLABUS

CHEM 2323-03 Organic Chemistry I  
Spring 2018  
ESCIE 2.106

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Office hours (SCIE 3.340): T, R, 2:00 – 4:00 p.m.

### Textbook and/or Resource Material

- Organic Chemistry by Paula Yurkanis Bruice, 5<sup>th</sup> Edition.
- Organic Chemistry as a Second Language by David R. Klein is strongly recommended.
- Molecular models are extremely useful in this class, especially for the topics of stereochemistry and conformations of cyclohexane.

### Course Description and Prerequisites

- An introduction to the fundamentals of organic chemistry.
- Study of covalent bonding, molecular structure, acid base theory, conformational analysis, and stereochemistry. Relations between structure and reactivity: functional groups and their interconversions.
- Mechanistic studies with emphasis on reactive intermediates.

### Student Learning Outcomes for the Course

- To understand basic concepts in organic chemistry
- To have deeper understanding of mechanistic aspects of organic chemistry
- To learn the different functional groups and their reactivity
- To gain deeper understanding of acid-base chemistry
- To learn basic concepts of stereochemistry
- To correlate organic chemistry to day-to-day life
- To learn the art and logic of organic synthesis

### Learning Objectives for Core Curriculum Requirements

This course is not part of the UTRGV core curriculum requirements.

### Grading Policies and Exam Dates

90% – 100% = A; 75% – 89% = B; 65% – 74% = C; 50% – 64% = D; < 50 % = F

<b>02/13 Exam 1</b>	Electronic Structure and Bonding (1.1 – 1.14) Acids and Bases (1.15 – 1.23; 1.26) Functional Groups and Nomenclature (2.1 – 2.4; 2.6)
<b>03/22 Exam 2</b>	Conformational Analysis (2.10) Cycloalkane Conformations (2.11 – 2.14) Stereochemistry (5.1 – 5.13)
<b>04/19 Exam 3</b>	Substitution reactions of Alkyl Halides (8.1 – 8.11) Elimination reactions of Alkyl Halides (9.1 – 9.6; 9.8 – 9.10)
<b>Final Exam 05/10, 8:00 – 9:45 am</b>	Reactions of Alkenes (4.1 – 4.8; 4.10 – 4.12)

- Only three of the four exams will be used in the calculation of the final grade
- The lowest exam will be dropped
- All remaining exams are worth 1/3 of the final grade
- No make-up exams (**No Exception**)
- Students attending official University events may take an exam prior to the scheduled date if they provide an official letter from the University

## Calendar of Activities

A detailed calendar is available on Blackboard

The UTRGV academic calendar can be found at <https://my.utrgv.edu/home> at the bottom of the screen, *prior to login*. Important dates for Spring 2018 include:

January 16	First day of classes
January 19	Last day to add a course or register for spring 2018
March 12 – 17	SPRING BREAK – NO classes
March 30 – 31	EASTER HOLIDAY – NO classes
April 12	Last day to drop a course; will count toward the 6-drop rule
May 2	Last day of classes
May 3	Study Day – NO class
May 4 – 10	Spring 2018 Final Exams
May 11 - 12	Commencement Ceremonies

## Other Course Information

- The use of cell phones is not allowed during class
- The use of laptops/tablets is not allowed during class unless previously approved by a University office
- No recording (video, audio, pictures) is allowed during lectures
- You will need a picture I.D. to take an exam
- You will need a scantron form 882 to take the exams
- Students may view their exams during office hours
- ***The exam dates and/or the quiz dates are subject to change***
- ***Any changes will be announced in class at least one week in advance***

## UTRGV Policy Statements

### STUDENTS WITH DISABILITIES:

Students with a documented disability (physical, psychological, learning, or other disability which affects academic performance) who would like to receive academic accommodations should contact Student Accessibility Services (SAS) as soon as possible to schedule an appointment to initiate services. Accommodations can be arranged through SAS at any time, but are not retroactive. Students who suffer a broken bone, severe injury or undergo surgery during the semester are eligible for temporary services. **Brownsville Campus:** Student Accessibility Services is located in Cortez Hall Room 129 and can be contacted by phone at (956) 882-7374 (Voice) or via email at [ability@utrgv.edu](mailto:ability@utrgv.edu). **Edinburg Campus:** Student Accessibility Services is located in 108 University Center and can be contacted by phone at (956) 665-7005 (Voice), (956) 665-3840 (Fax), or via email at [ability@utrgv.edu](mailto:ability@utrgv.edu).

### MANDATORY COURSE EVALUATION PERIOD:

Students are required to complete an ONLINE evaluation of this course, accessed through your UTRGV account (<http://my.utrgv.edu>); you will be contacted through email with further instructions. Students who complete their evaluations will have priority access to their grades. Online evaluations will be available:

Spring 2018 Module 1	February 14 – February 20
Spring 2018 Module 2	April 11 – April 17
Spring 2018 (full semester)	April 11 – May 2

### ATTENDANCE:

- Attendance is not mandatory
- Absence from class is not considered an automatic drop

### SCHOLASTIC INTEGRITY:

As members of a community dedicated to Honesty, Integrity and Respect, students are reminded that those who engage in scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and expulsion from the University. Scholastic dishonesty includes but is not limited to: cheating, plagiarism (including self-plagiarism), and collusion; submission for credit of any work or materials that are attributable in whole or in part to another person; taking an examination for another person; any act designed to give unfair advantage to a student; or the attempt to commit such acts. Since scholastic dishonesty harms the individual, all students and the integrity of the University, policies on scholastic dishonesty will be strictly enforced (Board of Regents Rules and Regulations and UTRGV Academic Integrity Guidelines). All scholastic dishonesty incidents will be reported to the Dean of Students.

### SEXUAL HARASSMENT, DISCRIMINATION, and VIOLENCE:

In accordance with UT System regulations, your instructor is a “Responsible Employee” for reporting purposes under Title IX regulations and so must report any instance, occurring during a student’s time in college, of sexual assault, stalking, dating violence, domestic violence, or sexual harassment about which she/he becomes aware during this course through writing, discussion, or personal disclosure. More information can be found at [www.utrgv.edu/equity](http://www.utrgv.edu/equity), including confidential resources available on campus. The faculty and staff of UTRGV actively strive to provide a learning, working, and living environment that promotes personal integrity, civility, and mutual respect that is free from sexual misconduct and discrimination.

### COURSE DROPS:

According to UTRGV policy, students may drop any class without penalty earning a grade of DR until the official drop date. Following that date, students must be assigned a letter grade and can no longer drop the class. Students considering dropping the class should be aware of the “3-peat rule” and the “6-drop” rule so they can recognize how dropped classes may affect their academic success. The 6-drop rule refers to Texas law that dictates that undergraduate students may not drop more than six courses during their undergraduate career. Courses dropped at other Texas public higher education institutions will count toward the six-course drop limit. The 3-peat rule refers to additional fees charged to students who take the same class for the third time.

### STUDENT SERVICES:

Students who demonstrate financial need have a variety of options when it comes to paying for college costs, such as scholarships, grants, loans and work-study. Students should visit the Students Services Center (U Central) for additional information. U Central is located in BMAIN 1.100 (Brownsville) or ESSBL 1.145 (Edinburg) or can be reached by email ([ucentral@utrgv.edu](mailto:ucentral@utrgv.edu)) or telephone: (888) 882-4026. In addition to financial aid, U Central can assist students with registration and admissions.

Students seeking academic help in their studies can use university resources in addition to an instructor’s office hours. University Resources include the Learning Center, Writing Center, Advising Center and Career Center. The centers provide services such as tutoring, writing help, critical thinking, study skills, degree planning, and student employment. Locations are:

- Learning center: BSTUN 2.10 (Brownsville) or ELCTR 100 (Edinburg)
- Writing center: BLIBR 3.206 (Brownsville) or ESTAC 3.119 (Edinburg)
- Advising center: BMAIN **1.400 (Brownsville)** or ESWKH 101 (Edinburg)
- Career center: BCRTZ 129 (Brownsville) or ESSBL 2.101 (Edinburg)