THE UNIVERSITY OF TEXAS RIO GRANDE VALLEY
DEPARTMENT OF CHEMISTRY

CHEM 2325 / Organic Chemistry II / Course Syllabus

*Course Syllabus may be subject to change

Instructor: Eugene F Douglass, MS, PhD Organic Fiber/Polymer Science
E-mail address: eugene.douglass@utrgv.edu

Office: SETB 2.358 Office Hours: M-F 11:30am-12:30pm; more by appointment

Course Description: This course provides the continuation of basic principles to understand the structure, bonding, stereochemistry, and reactivity of organic compounds, along with the IUPAC nomenclature. There is an emphasis on kinds of organic chemicals, their reactions, synthesis, and analysis.

Prerequisites: Organic Chemistry 1, with a grade of D


Required Supplies: Scientific Calculator, Scantron sheets

Summer 2 2018 ACADEMIC CALENDAR

July 12 (Thurs.) Summer II classes begin
July 13 (Fri.) Last day to withdraw (drop all Summer II classes) and receive an 80% refund
Last day to withdraw (drop all classes) and receive a 50% refund
July 17 (Tues.) Census Day (last day to drop without it appearing on the transcript)
Aug. 8 (Wed.) Last day to drop (DR grade) a class or withdraw (grade of W)
Aug. 16 (Thurs.) Study Day. No classes.
Aug. 17 (Fri.) Final Exams
Aug. 20 (Mon.) Grades Due at 3 p.m.

EMAIL and Materials
All of the Power Point Lectures Presentations will be posted on Blackboard and in my University One drive folder, (some of the files are not available on Blackboard because of the way that software handles descriptions of graphics, for handicapped access for this class) that will be shared with you and will be available for you to access. Make sure to periodically check your UTRGV e-mail accounts for announcements and posting from me. Email communication with the instructor will occur via your UTRGV email address, and via Blackboard.

EXAMS
There will be 3 MAJOR EXAMS, and a final exam given during the semester including a comprehensive final. No exams will be dropped. ABSOLUTELY NO CELL PHONES OR OTHER ELECTRONICS will be permitted during the exams! If caught with a device that is prohibited, the exam will be taken away and a zero “0” will be given as the official grade for the exam. Exam grades
will available to you when you pick them up in my office. I will not return exams during class, the office hour policy is to encourage you to ask questions if you have any when exam is picked up.

**MAKE-UP EXAM POLICY**
Make up exams, including exams to be taken early, will only be given due to a major medical illness requiring immediate treatment, there is a death of an immediate family member, you must participate in a required university activity, you are observing a religious holy day, or you are currently serving in the military. Documentation is required for all of these cases. In the cases of your illness or a family member’s death, documentation is required when you return to campus. In the case of a required university activity, a religious holy day, or military service, documentation is required at least one week prior to the activity. In case a make-up exam is given, it will be at the discretion of the instructor and at a time convenient to my schedule. Please note, however, that a makeup exam will be different and harder than the regularly scheduled exam.

**FINAL EXAM**
A comprehensive final exam will be given at the end of the semester, on Final exam day.

**ASSIGNMENTS AND HOMEWORK**
Homework assignments are assigned to you now, for every day during the summer term. The assignments are this, do all the problems within the chapters in conjunction with your reading of covered sections and as many as you need to, from the back of each chapter to fully understand as best you can the material. I will assign some questions each day via Blackboard, so do these problems at a minimum, and do as many of the odd or even numbered questions as you can to understand the material. Significant homework is required for this class. The standard assignment is to do all of the practice problems within the chapter, and as many as you need to of the odd numbered questions at the end of each chapter. If you wish to do the even numbered problems, it will help you, the answers for those problems are worked out in the solutions manual. If you wish to check your work, you may check with one another and during the beginning of class when I will go over the previous homework assignments. You are responsible for doing the required homework for each night, and on time. The section reviews are vital for practice. It is in your interest to do as many of the problems available to you to practice. It is in your best interest to take advantage of the office hours available to you. I will be glad to assist in your homework, just ask. Otherwise you may get further and further behind, and the deficiency will show up on your tests. It is in your interest to stay current. I do NOT grade the homework for you, use a book study guide to see and use worked out answers to the problems, if you need help doing it, use the campus tutoring services and my office hours to get the help you need.

**QUESTIONS ON GRADED ASSIGNMENTS/EXAMS**
If a student believes that a question on an assignment/exam has been miss graded, the student should bring it up to the instructor’s attention during office hours (NOT DURING CLASS TIME) without delay. The student MUST support his/her claim by working out the problem in advance and present a written solution to it. If the question entails theory, then the student must provide the textbook page or place in the class notes were his or her claim is supported. Please make sure to take care of any problems before the next exam or assignment. I will NOT discuss any grading concerns after this period.

Double check your marked answers on your Scantron Sheets before submission. No credit will be given for mismarked answers! NO EXCEPTIONS!
**LECTURE FORMAT:** The conventional lecture format will be the primary teaching method employed in this course, so it is your responsibility to write down all the notes I put on the board, use the PowerPoints with notations on them as outlines, do the reading and book work in your textbook, and then in your own words explain them to yourselves, summarizing my discussion of each concept. Because of the importance of quantitative data manipulation in chemistry, scientific calculators must be purchased for participation in problem-solving sessions. I lecture in an open format, questions are welcome at any time, just raise your hand and wait until recognized, and I will attempt to answer any and all you may have. To me, the only possible "stupid question" is an unasked one.

**STUDENTS' CODE OF CONDUCT**
Students are expected to carry themselves and to behave as adults and to show respect for fellow students, the professor and the university setting. A high degree of decorum is expected from the students while in this class. No class room misconduct such as talking in class, using cell phones or any other way that disturbs the lecture delivery will be tolerated. Student(s) behaving in such matter will be asked to leave the class room. If the problem persists, the student(s) will be permanently barred from class.

**GRADING POLICY**

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**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. 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.
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 for you at the right timing, I will notify you.

ATTENDANCE
Students are expected to attend all scheduled classes and may be dropped from the course for excessive absences. UTRGV’s attendance policy excuses students from attending class if they are participating in officially sponsored university activities, such as athletics; for observance of religious holy days; or for military service. Students should contact the instructor in advance of the excused absence and arrange to make up missed work or examinations.

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, 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.
CHAPTERS covered during SUMMER II as time allows
I will be covering these chapters in order as time allows, some chapters include more advanced material, so interested students are encouraged to read them, but some sections will not be covered officially in class. Dates below are approximate.

Chapter 8 and 9 portions 7/12
Chapter 10 – Free radical reactions. 7/13
Chapter 16 – Multiple and conjugated double bonds 7/13-17
Chapter 17 – Aromatic Compounds and Aromaticity 7/17-19
7/23 First Exam

Chapter 18 – Aromatic Reactions and Chapter 15 – Basic NMR Spectroscopy 7/20-24
Chapter 12 – Alcohols and Chapter 14 - Infrared Spectroscopy, Mass Spectroscopy 7/24-27
Chapter 13 – Ethers and Epoxies 7/30-8/2
8/3 Exam #2

Chapter 19 – Aldehydes and Ketones 8/6-8
Chapter 20 – Carboxylic Acids and Chapter 14 IR Spectroscopy 8/9-10
Chapter 22 – Amines and Amino Acids 8/13-14
8/15 Exam #3

Chapter 10 – Free radical reactions and Polymerization 8/14
8/16 Study Day
8/17 Final Exam