

**Course Syllabus for CHEM 4328 – 14073**  
**Advanced Topics in Organic Chemistry**  
Fall Semester 2015; Lectures: MWF 8:30 am – 9:20 am;  
Location: College of Business Administration 321

- Instructor:** Dr. Michael; Office CCSB 2.0414; Email [kmichael@utep.edu](mailto:kmichael@utep.edu) (preferred method of contact); Phone 747-5240
- Office hours:** Fridays 3:00 – 4:00 pm, or by individual appointment.
- Text:** “Organic Chemistry” by Janice Gorzynski Smith, 4<sup>th</sup> edition, McGrawHill (Text Book plus Solutions Manual)
- Course Objective:** To reinforce and significantly extend the knowledge of organic chemistry concepts and organic reactions previously acquired in OCHEM 1 and OCHEM 2.
- Curriculum:** We will cover the following chapters of the text book “Organic Chemistry” by Janice Gorzynski Smith, 4<sup>th</sup> edition:
- Chapter 13: Mass Spectrometry and Infrared Spectroscopy; Chapter 14: Nuclear Magnetic Resonance Spectroscopy; Chapter 26: Carbon-Carbon Bond Forming Reactions in Organic Synthesis; Chapter 27: Pericyclic Reactions; Chapter 28: Carbohydrates; Chapter 29: Amino Acids and Proteins; Chapter 30: Lipids; Chapter 31: Synthetic Polymers
- This material is typically not taught, or not taught in depth, in Organic Chemistry 1 and 2. On average we will spend 5 to 6 class periods on each chapter, and will dedicate 1/3 to 1/2 of time to in-class problem solving. Practice problems will also be assigned and some of them will be discussed in the next class period. The lecture slides will not be provided, but all of the lecture content and images are available in the Smith textbook. Students are encouraged to bring their textbooks to class and follow along and take notes.
- Quizzes:** There will be a short 5 min quiz at the beginning of each class period about the material covered in the previous lecture. There will be no make-up quizzes. Any missed quiz will be considered a zero point quiz. You need to be there on time! Quizzes will begin on Monday, August 31, 2015.
- Midterm Exam:** Monday, October 5, 2015  
**Final Exam:** Monday, December 7, 2015, 10:00 am – 12:45 am
- Grading:** Your semester grade will be determined based on:
- your quizzes (25%)
  - your midterm exam (25%)
  - your final exam (50%)
- Some important dates:**
- First Class: Monday, August 24, 2015  
Labor Day: Monday, September 7, 2015, no classes  
Census Day: Wednesday, September 9, 2015 (last day to drop class without W)  
Course Drop Deadline: Friday, October 30, 2015 (last day to drop class with W)
- According to UTEP and College of Science policies, no requests for a withdrawal will be approved after that date. Students can always petition the Registrar for a complete withdrawal from all courses pending documentation.
- Thanksgiving: Thursday, Friday, November 26-27, 2015, no classes  
Our last Class: Wednesday, December 2, 2015