

# *Syllabus, Fall 2017*

Organic Chemistry I 243, Monday & Wednesday 10:00 – 11:25 am

**Instructor:** Yuanwei Zhang, Ph.D.

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**Office Hours:** M, W 2:00 – 3:00 pm. If you cannot make those hours other times can be arranged by appointment

**Textbook:** Organic Chemistry, edited by L. G. Wade, Jr. The textbook is packaged with a study guide and molecular modeling software with workbook. An inexpensive set of molecular models is highly recommended and models cannot be used during exams.

## **Material to be covered and tentative exam dates:**

*Chapter 1:* Introduction and Review

*Chapter 2:* Structure and Properties of Organic Molecules

*Chapter 3:* Structure and Stereochemistry of Alkanes

**Exam 1: September 27, 2017**

*Chapter 4:* The Study of Chemical Reactions

*Chapter 5:* Stereochemistry

*Chapter 6:* Alkyl Halide, Nucleophilic Substitution and Elimination

**Exam 2: October 26, 2017**

*Chapter 7:* Structure and Synthesis of Alkenes

*Chapter 8:* Reactions of Alkenes

*Chapter 9:* Alkynes

**Exam 3: November 22, 2017**

*Chapter 10:* Structure and Synthesis of Alcohols

*Chapter 11:* Reactions of Alcohols

**Final Exam: December 18, 2017**

**Course Accessibility:** The teaching team strives to provide everyone the opportunity to learn Organic Chemistry. Please feel free to contact the course coordinator if you have additional learning considerations relating to the curriculum and instruction that will allow you to engage in the course more fully.

**Exams and quizzes:** The final exam will be cumulative. Before each Exam there will be a Quiz, which covers two or three chapters. Take the Quizzes seriously as they add up to one Exam grade. There may be a fourth quiz depending on time. If there is a fourth quiz one quiz will be dropped. Problems in the body of the chapter are assigned and selected problems at the end of the chapter. These will not be collected. You have answers to these problems. To do well in the course it is important to do these problems. You must bring a photo ID to the exam and take the exam in the room assigned to you by the course coordinator. Failure to take the exam in the assigned room will result in a loss of a full grade from your exam score.

**Grading:** The grade will be determined from a total of 400 points. 100 points will be dropped from the total of 500 points, either the quizzes (100 points) or the lowest of the three exams (The final exam cannot be dropped). Makeup exams are not encouraged. If you must miss an exam contact the coordinator before the exam or immediately after. Makeup should be taken within the first week of the exam and before exams are given back. You must have a valid excuse and a doctor note.

Tree Exams (100 pts each)	300 pts
Quizzes	100 pts
-The lowest grade	-100 pts
Final Exam	100 pts
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Total Possible Exam Points	400 pts

**Academic misconduct:** Academic dishonesty or cheating of any type will not be tolerated. Any student participating in any form of dishonesty will receive a zero for the exam. If a person is caught a second time, a semester grade of "F" will be given for the course. Every instance of academic dishonesty is reported to the academic standards committee, which may impose further penalties.

**How to succeed in this class:** To succeed it is important to study consistently and effectively.

- Before the class, read the suggested chapter. This pre-exercise will make lecture easier to follow.
- Attend class faithfully.
- After lecture, go over your notes and fill in parts that do not fully understand using material from the textbook that applies to the topic covered in lecture.
- Highlighting sentences with marker is not the most effective way to transfer knowledge to the brain. Instead, putting concepts into your own words and writing them down results in your assimilating the concepts and recognizing relationship among concepts.