

CHEMISTRY 3342
Organic Chemistry I

Dr. Rodney Beaver
Spring Semester 2020
Class: 1510-1725 MW

Office: Room #M208D
Office Hours:
MTWTh 1410-1510
1930-2000

email (the best way to contact me): rbeaver@troy.edu

Note: I will respond to email only if it is sent from a troy.edu account. **I will never return phone calls from students.**

TEXTS: Organic Chemistry, 9th ed., by Wade, and ancillaries
 Molecular Model Kit

Each student taking the laboratory portion of the course must also purchase the safety goggles and laboratory text available in the bookstore

GRADING: A total of 1000 points will be available. Accumulation of 900 or more points will guarantee an A; 800 or more points a B; 700 or more points a C; 600 or more points a D. The totals required for a given grade may be adjusted downward but will not be increased. Points will be distributed as follows:

3 ninety minute exams (200 points each)	600 points
Final exam	300 points
Pop quizzes, homework, miscellaneous**	<u>100 points</u>
Total	1000 points

**There will be 8 (or more) pop quizzes, homework, short quizzes, and misc. A minimum of the three lowest (but possibly more depending on the actual number) will be dropped. There will be no make-ups for missed pop quizzes and late homework assignments will not be accepted.

Tentatively, one-hour exams are scheduled as follows:

1st hour exam:	January 22
2nd hour exam:	February 12
3rd hour exam:	February 26
Final exam:	March 4

Do not miss any of the exams. Make-up exams will be different and considerably more difficult than the scheduled ones.

Exams, pop quizzes and homework will evaluate your knowledge and mastery of the topics in the textbook, the laboratory book, lecture, and any supplemental readings. The skills and knowledge required for a passing grade are illustrated by the problems and exercises in these sources. It is imperative that you work as many of these problems and exercises as possible. Organic chemistry is similar to learning a foreign language and cannot be mastered without frequent and intense practice.

Missed pop quizzes may not be made up and will be recorded as a zero. Homework assignments are due within 10 minutes of the beginning of the class on the announced due date. Late homework will not be accepted and will result in a grade of zero. There will be no exceptions to these rules.

The laboratory is an integral part of this course. Although you will receive a separate grade for the laboratory, material will be presented during class which is required in the laboratory and laboratory concepts will be included in class assignments, quizzes and exams. Class attendance in CHM 3342 is mandatory. Material which is not in the textbook will often be discussed. Material will often be discussed in greater depth than in the textbook. It does no good to notify me that you will be missing class; you will still miss important material. Do not ask me what was covered in a lecture that you missed; it took over an hour for me to present the material and it cannot be summarized in an Email or telephone conversation.

A sizable amount of supplemental material will be delivered via the course web site. Details will be provided during the first few class meetings.

We have a number of course policies which are generally applicable to all chemistry courses at TUD. They may be viewed online at: <http://www.tudchemistry.org>

AMERICANS WITH DISABILITIES ACT:

Students with disabilities, or those who suspect they have a disability, must register with the Disability Services Coordinator in order to receive accommodations. Students currently registered should present their Disability Services Accommodation Letter to the instructor at the beginning of each term. If you have any questions, contact the Disability Services Coordinator at (334) 983-6556 ext 1221 or visit Malone Hall 120.

Since campus elevators are subject to power outages and mechanical breakdown beyond our control, students who have difficulty negotiating stairs and are attending classrooms above ground level should notify their instructor during the first week of class. Consideration will be given to relocating the classroom or making other arrangements.

Absence Policy: In registering for classes at the university students accept responsibility for attending scheduled class meetings, completing assignments on time, and contributing to class discussion and exploration of ideas.

In severe cases of inclement weather or other emergency conditions, the Office of Executive Vice Chancellor and Provost will announce cancellation of classes through the local and regional media as well as through the University's web site.

Academic Misconduct: Students should refer to the Standards of Conduct section of the Oracle, the student handbook, for policies regarding misconduct

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Schedule of Topics

We will start with Chapter 1 and go straight through Chapter 9. Material in Chapters 12 and 13 will be periodically introduced beginning after Chapter 2. We will skip some sections in some chapters; I will advise you in advance of these sections. You should plan on covering about 1-2 chapters per week.

Suggested End of Chapter Problems

Note: This list should be considered minimal and is only intended to illustrate the types of problems you are expected to master. It is impossible to work too many problems.

Chapter 1-- 28, 30, 31, 33,36, 37, 39, 40, 41, 43, 44, 52, 59

Chapter 2-- 29, 32, 36, 37, 41,46, 50, 52, 56, 57

Chapter 3-- 34, 36, 39, 41, 48

Chapter 4-- 39, 40, 43, 45, 47

Chapter 5-- 25, 26, 27, 30, 31, 37, 41

Chapter 6-- 31, 33, 34, 35, 40, 42, 43, 45, 59

Chapter 7-- 40, 41, 43, 49, 52, 55, 61, 64

Chapter 8-- 46, 50, 51, 60, 61, 62, 63, 68

Chapter 9-- 26, 29, 30, 33, 34, 36, 37, 43

Chapter 12- 12, 15, 16, 25, 28, 30

Chapter 13- 33, 35, 38, 39, 40, 41, 42, 47, 49, 50, 53, 54, 56