

Chem 0310
Dr. George C. Bandik
Fall Term 2025 (2261)
MWF 1:00-1:50 p.m.
T 3:00-3:50 p.m. (R)

Office: 234 CHVRN
Phone: (412) 624-8212
Home: (412) 731-8995

Exam Schedule

1 st EXAM	Ch. 1 - Ch. 4	September 29
2 nd EXAM	Ch. 5 - Ch. 8	October 31
3 rd EXAM	Ch. 9 - Ch. 12	November 21
FINAL EXAM	Ch. 1 - 13	TBD

Exam dates are tentative, actual dates will be announced in class.

Course Materials

Organic Chemistry: Structure and Function by Vollhardt and Schore, 8th Ed., Freeman
Study Guide and Solutions Manual to accompany the Vollhardt text (optional)
Molecular Model Set-strongly recommended
Colored pens or pencils-strongly recommended

Grading Policy

Each of the first three exams will contribute 20% to the final grade. The final exam will be comprehensive and will account for 40% of the grade for the course.

Recitation

Voluntary recitation sessions, for the purpose of discussing homework assignments, and other questions, will be held each Tuesday, at 3:00 p.m. *We will have class during the recitation periods the week of the exams.*

Student Led Recitation

Several one-hour weekly recitation sessions will be led by past, successful students. You are welcomed and encouraged to attend one on a regular basis. Rooms and times will be announced.

Office Visits

While I will not have set office hours, you are encouraged to schedule an appointment with me as necessary.

Academic Integrity

We will all be expected to follow the University of Pittsburgh academic integrity guidelines. If you are not aware of the specifics, you may obtain these guidelines from the Arts and Sciences Dean's Office or on the web at <http://www.cfo.pitt.edu/policies/policy/02/02-03-02.html>. Violations of these guidelines can result in a zero for an exam or failure for the course.

Disability Resources

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Office of Disability Resources and Services, 216 William Pitt Union (412-624-7890) as early as possible in the term.

WORKING PROBLEMS

There is no surer way to learn organic chemistry than by working problems. Although careful reading and rereading of our text is important, reading alone isn't enough. You must also be able to work with the information you've read and be able to use your knowledge in new situations. Working problems give you practice at doing this.

Each chapter in our book provides many problems of different sorts. The in-chapter problems are placed for immediate reinforcement of ideas just learned. The end-of-chapter problems provide additional practice and are two types: drill and thought. Early problems are primarily of the drill type, providing an opportunity for you to practice your command of the fundamentals. Later problems tend to be more thought-provoking, and many are challenges to your depth of understanding.

As you study organic Chemistry, take the time to work the problems. Do the ones you can and ask for help on the ones you can't. If you're stumped by a particular exercise, check the accompanying Study Guide and Solutions Manual for an explanation that will help clarify the difficulty. Working problems takes effort, but the payoff in knowledge and understanding is immense.

Problem Assignments - Chem 0310

You should do all the in-chapter problems that deal with topics we cover in class. In addition, the following problems are recommended:

- Chapter 1:** 25, 27-31, 36-45
- Chapter 2:** 33-35, 38-42, 44-45, 48, 50-52, 55
- Chapter 3:** 15-16, 19-20, 22-23, 28, 31, 33-34
- Chapter 4:** 21-25, 27, 29, 31, 34, 40, 44
- Chapter 5:** 30, 32-34, 36, 40, 42
- Chapter 6:** 31-33, 38-39, 41-42, 45-46, 48-50
- Chapter 7:** 25-26, 29, 31-33, 35, 37-39, 43-45, 49-50, 53-54
- Chapter 8:** 24-27, 30-31, 34-36, 38-40, 43-48
- Chapter 9:** 32-36, 38-40, 42-44, 46-51, 54-57, 59-60
- Chapter 11:** 33-36, 41-43, 45-46, 50, 52, 54
- Chapter 12:** 39, 41-43, 46-48, 49-50, 53, 55-56
- Chapter 13:** 29-30, 38-42, 45-47, 50