

Organic chemistry I

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Resources for this course:

- Required textbooks:
 - McMurry, Organic Chemistry 7e
 - For chapter readings and problems on your own
 - Straumanis, Organic Chemistry, A Guided Inquiry
 - For activities in lecture
 - Lehman, Multiscale Organic Chemistry 2e
 - Lab experiments
- Course webpage, <http://webs.anokaramsey.edu/aspaas/2061>
 - Announcements, syllabus, notes, AV files, practice worksheets
- OWL, <http://www.cengage.com/owl>
 - Online homework assignments (2 per week)
- D2L, <http://www.anokaramsey.edu/onlineProg>
 - Discussion boards, grades
- Audio/video files
 - Full lectures - listen/watch them on your own, follow along with the blank notes from the webpage
 - Recordings from class - to review something you may have missed
- Other helpful resources:
 - Solutions manual for McMurry organic chemistry **highly recommended** to check answers for end-of-chapter problems
 - Pushing electrons, optional guide to help with mechanisms
 - Model kit to help to visualize molecules in 3D

Hybrid course

Hybrid courses are part online and part in-person.

In person component of this course:

- **Lecture T 4:00-5:50pm**
 - Highly activity based. Usually 2 ChemActivites from Straumanis Guided Inquiry book per lecture
 - Short lectures to summarize and review
- **Lab T 6:30-10:00pm**
 - See experiment schedule on last page of syllabus
 - Have prelab assignment done before lab:
 - ◆ Read experiment and any referenced operations
 - ◆ Set up notebook with title of experiment, purpose, table of quantities (mass or vol and moles) and **brief** experimental outline

Online component of this course:

- Lecture videos
 - Full videos from each chapter - watch or listen and follow along by filling in blank notes as you go along
- Online homework
 - OWL will have 2 assignments per chapter:
 - ◆ Post-lecture - based off the previous lecture, due each Friday at 11:59pm
 - ◆ Pre-lecture - based off the lecture videos, due each Tuesday at 2:00pm

OWL

To register for OWL, visit <http://www.cengage.com/owl>

- Choose **Organic Chemistry** and **Register**
- Choose **Organic Chemistry 7th Edition, McMurry**
- Choose **Anoka-Ramsey Community College**
- Choose **Student Registration**
- Choose **2061-30, Aspaas**
- Fill out the form, choosing your own login and password.
- Use the access code you purchased from the bookstore. Alternatively, you can buy an access code from <http://www.cengage.com/owl> with or without e-book access.

There are **2 assignment sets** per week, each consisting of several individual problems.

- Bookmark the student login page.
- When you login and choose our course, you will be shown current assignments. Click **Assignment Folders** to see the post-lecture questions and pre-lecture questions.
 - Post-lecture due Fridays at 11:59 pm
 - Pre-lecture due Tuesdays at 2:00 pm

Intro activity/ChemActivity 1 summary

methodical
openly discuss / communicate
wait before saying answers!

Chemactivity 1

lone pairs: valence e^- not shared
more push than bonded e^-

periodic tbl atomic #
 group #

roman num w/ A or B
= # valence e^-

rows : # of shells (for main grp)