

Chem 1550: Organic Chemistry 2 for Majors

Instructor: Jose Madalengoitia; Office: Innovation Hall E345; jmadalen@uvm.edu

Pronouns: he/him

Brightspace Site: <https://site.uvm.edu/brightspace/>

Lecture: 10:50am – 11:40am MWF, Aiken 110

First Laboratory Meeting: January 30 (Check-in and Spectroscopy Boot Camp)

Required Course Materials:

Organic Chemistry 7th ed., Loudon and Parise, Roberts and Co., 2021 (ISBN: 978-1319363772)

Organic Chemistry Study Guide and Solutions Manual 7 ed., Loudon and Parise, Roberts and Co., 2021 (ISBN: 978-1319335915)

Achieve account: account can be purchased as part of book order.

Recommended Course Materials:

Molecular Structure Models (e.g.: ISBN: 0471-362719)

Books that may be useful:

Organic Chemistry I as a Second Language: Translating the Basic Concepts 2 ed., D. Klein; ISBN: (978-0470-12929-6)

Organic Chemistry II as a Second Language: Second Semester Topics 2 ed., D. Klein; ISBN: (978-0-471-73808-4)

The Art of Writing Reasonable Organic Reaction Mechanisms R.B. Grossman ISBN:0-387-95468-6

Writing Reaction Mechanisms in Organic Chemistry A. Miller ISBN: 0-12-496711-6

Course Prerequisite: Chemistry 1500

Office hours: Monday 1:30-2:30, Wednesday 12:30-1:30, Friday 9:30-10:30pm
or by appointment

Chem. 1550

Problems: 1, 3-8, 11, 14a,b, 15, 17-23, 25-31, 35-37a, 38, 40, 41, 43, 46-49, 51-53, 55a-g, 56a-e, 57a,b, 60, 64-66, 70-72, 74, 75a, 78-83, 87, 88a,b,d-k, 90, 91a-d,g, 92, 95

Chapter 15: Dienes, resonance, and aromaticity
