

## Syllabus

### Instructor

- Orion B. Berryman, Chem 009, orion.berryman@umontana.edu
  - Office hours: by appointment

### Head teaching assistant

- Casey J. Massena, casey.massena@umontan.edu
  - Section 3
  - Office hours (Chemistry Learning Center): Thursday 9:00–10:00 am

### Teaching assistants

- Jasper Aquino, jasper.aquino@umontana.edu
  - Sections 2 and 4
  - Office hours (Chemistry Learning Center): Tuesday and Thursday 3:00–4:00 pm
- Robert Rauschendorfer, robert.rauschendorfer@umontana.edu
  - Sections 1, 5, and 6
  - Office hours (Chemistry Learning Center): Tuesday and Thursday 12:00–1:00 pm

### Purpose

- Perform standard organic chemical reactions
- Use basic chemical analysis techniques
- Develop a knowledge and understanding of the world at the molecular level

### Requisites

- One semester of a 100-level chemistry lab course (or equivalent)
- CHMY 221 is a co-requisite

### Requirements

- A bound notebook with stitching; permanently numbered duplicate pages
- Splash-protection safety goggles

### Optional reading

- Pavia, D.L., Lampman, G.M., Kriz, G.S., and Engel, R.G., 4th ed., (2007), Thomson Brooks/Cole, Belmont, California; ISBN-10: 1133106528

### Format

- Each section has two hours of class twice a week
- A mini-lecture on procedures, methods, and safety will occur in lab before the start of each class
- Class time will be spent in the laboratories located in Clapp building (CHCB) 213 or 217

### Evaluation

- Your grade will be based on seven lab reports and pre- and post-lab Moodle quizzes
- Point distributions and percentages of total points for grades are:

Point breakdown	Points	% of total points	Grade
7 Lab reports @ 70 points each	490	90 %–100 %	A-, A
7 Moodle pre-lab quizzes @ 15 points each	105	80 %–89 %	B-, B, B+
7 Moodle post-lab quizzes @ 15 points each	105	70 %–79 %	C-, C, C+
In-lab participation for 7 labs @ 15 points each lab	105	60 %–69 %	D-, D, D+
Pre-lab notes for 7 labs @ 10 points each	70	0 %–59 %	F
In-lab notes 7 labs @ 10 points each	70		
Total	945		

**Disabilities**

- Any student with a disability that may hinder a full demonstration of their abilities in this course should contact Prof. Berryman during the first week of classes to discuss accommodations necessary to ensure full participation and facilitate your educational opportunities

**Legal notice**

- The course syllabus and other documents pertaining to grading and scheduling are not a contract; they are tentative outlines of the course
- Changes may be made before or during the semester at the discretion of Prof. Berryman

**Academic misconduct**

- All students must practice academic honesty
- Academic misconduct is subject to an academic penalty by the course instructor and a disciplinary sanction by the University of Montana
- All students must be familiar with the Student Conduct Code

“I have always had the feeling that organic chemistry is a very peculiar science, that organic chemists are unlike other [people], and there are few occupations that give more satisfaction.”

—Lawrence Joseph Henderson