CHEMISTRY 333L, FALL 2025
ORGANIC CHEMISTRY I LABORATORY

Coordinator Jeff Charonnat
Office: Magnolia 4301
Office Hours: TTh 1:00 pm – 2:00 pm
Phone: (818) 677-2109
E-mail: jeff.charonnat@csun.edu

Class Meetings M 11:30 am – 2:20 pm, T 8:30 am – 11:20 am, T 11:30 am – 2:20 pm, T 2:30 pm – 5:20 pm, W 8:30 am – 11:20 am, W 11:30 am – 2:20 pm, W 2:30 pm – 5:20 pm, Th 8:30 am – 11:20 am, Th 11:30 am – 2:20 pm, Th 2:30 pm – 5:20 pm, F 8:30 am – 11:20 am, or F 11:30 am – 2:20 pm
Magnolia 4305 or Eucalyptus 2312

Text & Supplies
California State University, Northridge, *Chemistry 333L Laboratory Manual*, Fall 2025
A bound laboratory notebook (e.g., National #43-461)
A pair of safety goggles
A supply of disposable nitrile gloves
Wade, *Organic Chemistry*, 9th edition
Simek and Wade, *Solutions Manual for Organic Chemistry*, 9th edition
Molecular Visions molecular models
A laptop or tablet with a working camera and microphone
Internet access capable of streaming video content

Course Web Site http://www.csun.edu/~hcchm007/chem333L.html

Additional Resources

See the CSUN Chemistry YouTube channel for specific CSU Northridge experimental videos.

Requisite Courses

Required prerequisites are Chemistry 102, Chemistry 102D, and Chemistry 102L, or their equivalents, with a minimum grade of C- in Chemistry 102.

Current enrollment or a previous passing grade in Chemistry 333 is a required corequisite.

Course Content and Objectives

This laboratory course is an introduction to the techniques of synthesis, purification, and characterization of organic compounds.

Student Learning Outcomes

Students will work effectively and safely in a laboratory environment. They will have the ability to a) follow experimental chemical procedures, b) maintain a proper laboratory notebook, and c) perform chemical syntheses.

Academic Honesty and Integrity

By enrolling in this class, students agree to perform all experimental and written work according to California State University, Northridge policies of academic honesty and integrity. Students violating these standards will receive a zero for the experiment or quiz in question and will have their case referred to the Student Affairs Office for appropriate disciplinary action. A subsequent violation will result in a zero for the entire course.

The following pages of the 2025–2026 California State University, Northridge catalog describe details of the University policies:

http://www.csun.edu/catalog/policies/academic-dishonesty/
http://www.csun.edu/catalog/policies/faculty-policy-on-academic-dishonesty/
http://www.csun.edu/catalog/policies/penalties-for-academic-dishonesty/

Additional Course Policies

No electronic recording (screenshot, audio, photographic, nor video) of the laboratory sessions is allowed.

All course content (the laboratory manual, pre-lab lectures, videos, quizzes, etc.) can be used by you only for your own, personal educational purposes. This course content is protected by copyright law and may not be shared, uploaded, or distributed without authorization. Students who violate copyright law will have their case referred to the Student Affairs Office for appropriate disciplinary action.

Students are required to be logged in to Zoom with their video cameras turned on during quizzes if these exercises are conducted online. Virtual backgrounds in Zoom are allowed.

Grading

The grade in this course will be based on the completion of the experiments, pre-lab preparation, in-lab observations, post-lab conclusions, laboratory technique, reports, products, unknowns, and quizzes. See the point distribution handout for details.

Point total for the course: 160 points.

Some of the graded work must be uploaded to Canvas. This work must be submitted by the stated deadlines. If difficulty is encountered when attempting to upload a graded assignment, the instructor must be contacted within ten minutes of the deadline to avoid a late-submission penalty. There is at least a 10% deduction for the unauthorized, late submission of graded work.

Students will only be admitted to the laboratory for a given experiment if their pre-laboratory preparation has already been submitted to Canvas.

No make-up quizzes nor lab sessions will be given. Excused absences substantiated by an appropriate, written confirmation received within two weeks, will result in no penalty. Unexcused absences will result in a zero for the experiment(s) in question. A maximum of two excused absences will be allowed.

The following percentage values will be used for the assignment of overall, course letter grades: **A** above 87%; **A-** 85–87%; **B+** 82–84%; **B** 78–81%; **B-** 75–77%; **C+** 70–74%; **C** 65–69%; **C-** 60–64%; **D+** 57–59%; **D** 53–56%; **D-** 50–52%; **F** below 50%.

Safety

A significant portion (70%) of your technique score will be allocated toward adherence to the department's safety rules. For example, you are expected to wear appropriate personal protective equipment (PPE), ensure the laboratory space remains clean, not use cell phones in lab, avoid horseplay or other distracting or unsafe behavior, and strictly follow all safety guidelines (both the guidelines presented on the first day of the course and those specified for each experiment by the instructor).

You must purchase and bring your own pair of safety goggles and supply of nitrile gloves to all laboratory sessions. Goggles and nitrile gloves can be purchased at the campus bookstore. If you prefer, you can purchase nitrile gloves through a vendor such as Amazon. In the event that you arrive on campus for laboratory without your PPE or lose yours, you can obtain replacements at the campus bookstore throughout the semester.

COVID-19 Considerations

This class will be held in-person and will meet on-campus.

The instructor will notify you of any COVID policy changes that may occur during the semester if necessary. If you develop COVID symptoms, consult your Personal Care Physician (PCP) to get tailored guidance on treatment, isolation duration, and when it's safe to resume normal activities. Please stay home and inform your instructor. Only return to campus once you are fever-free for at least 24 hours and your symptoms have improved.