

CHEMISTRY 333L, FALL 2021
ORGANIC CHEMISTRY I LABORATORY

Coordinator	Jeff Charonnat Office: Magnolia 4301 Office Hours: TTh 3:00 pm – 4:00 pm, M 12:00 pm – 1:00 pm Phone: (818) 677-2109 E-mail: jeff.charonnat@csun.edu
Class Meetings	M 11:00 am – 1:50 pm, T 8:00 am – 10:50 am, T 11:00 am – 1:50 pm, T 2:00 pm – 4:50 pm, W 8:00 am – 10:50 am, W 11:00 am – 1:50 pm, W 2:00 pm – 4:50 pm, Th 8:00 am – 10:50 am, Th 11:00 am – 1:50 pm, Th 2:00 pm – 4:50 pm, F 8:00 am – 10:50 am, F 11:00 am – 1:50 pm, or F 2:00 pm – 4:50 pm
Text & Supplies	California State University, Northridge, <i>Chemistry 333L Laboratory Manual</i> A bound laboratory notebook (e.g., National #43-461) Wade, <i>Organic Chemistry</i> , 9th edition Simek and Wade, <i>Solutions Manual for Organic Chemistry</i> , 9th edition A set of molecular models (e.g., <i>Molecular Visions</i> 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

Technique videos are available online at the [UCLA Center for the Advancement of Teaching](#).
See the [CSUN Chemistry](#) YouTube channel for specific CSU Northridge experimental videos.

Requisite Courses

Required prerequisites are Chemistry 102 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.

Quiz and Lab-Session Policies

The purpose of quizzes is for students to demonstrate individual mastery of the course material. Therefore, quizzes will be closed-book, no-Internet, no-collaboration exercises. Molecular models are allowed but calculators and cell phones are both unnecessary and not allowed. Students are required to be logged in to Zoom with the video camera turned on during quizzes.

Virtual backgrounds in Zoom are allowed.

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.

Grading

The grade in this course will be based on the completion of the experiments, pre-lab preparation, in-lab observations, post-lab conclusions, verbally-active participation, reports, product characterizations, unknowns, and quizzes. See the point distribution handout for details. Point total for the course: 153 points.

Graded work must be uploaded to Canvas 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.

The following, approximate percentage values will be used for the assignment of overall course grades: **A** 85% and above; **B** 75–84%; **C** 60–74%; **D** 50–59%; **F** below 50%. The +/- grading system will be used for this assignment.

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, lecture notes, 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 Office of the Vice President for Student Affairs for appropriate disciplinary action.

Academic Honesty and Integrity

While there are more opportunities to engage in academic dishonesty in an online setting, standards of academic honesty and integrity remain the same as for in-person instruction. By enrolling in this class, you agree to abide by all California State University, Northridge policies of academic honesty and integrity. Students violating these standards will receive a zero for the work in question and may have their case referred to the Office of the Vice President for Student Affairs for appropriate disciplinary action. For example, students who copy or merely paraphrase another student's work will receive a zero for each instance.

The following pages of the 2021–2022 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/>

Students enrolled in this class will be required to read and acknowledge the above sections of the University catalog, and to agree to abide by these standards of academic conduct.