

CHEM 273L (Laboratory Syllabus)

Organic Chemistry Laboratory 2 (online)

Spring term, 1/11 – 5/14, 2021

Prerequisite: Chem 272L (C not C-) and Chem 273 (or concurrent)

Instructor: Dr. Jakub Hyvl

Office: Bilger Addition 404

Office hours: Zoom meeting, schedule an appointment over email

Email: hyvl@hawaii.edu

TA

85280	CHEM 273L	006	Organic Chemistry Lab II – Joshua Teeken
88538	CHEM 273L	012	Organic Chemistry Lab II – Duk Kim
85281	CHEM 273L	016	Organic Chemistry Lab II – Duk Kim
85282	CHEM 273L	026	Organic Chemistry Lab II – Joshua Teeken
85284	CHEM 273L	036	Organic Chemistry Lab II – Samuel Flipse
85285	CHEM 273L	046	Organic Chemistry Lab II – Samuel Flipse

Lab Manual: Chemistry 273 Organic Laboratory Procedures (UHM Bookstore)

Course Description:

CHEM 273L is the laboratory extension of Organic Chemistry II (CHEM 273). In-person mode, the experiments are intended as practical applications of the material taught in the lectures giving students ‘hands-on’ experience in organic chemistry. In online mode, the course is focused on other essential skills such as writing of reports, experiment evaluation, theory of experiments and interpretation of spectroscopic data.

Students are expected to follow University of Hawaii COVID-19 guidelines as posted at: <https://www.hawaii.edu/news/2020/08/10/manoa-covid-19-guidelines/>

COVID-related modifications in Syllabus or Lab Schedule: Syllabus or schedule might be modified/updated due to COVID-related events/policies (campus closure, stay-at-home order, update of UH policies etc.)

Required equipment: All labs will be done online. You will need access to the Internet.

Experiment schedule: A schedule for the semester’s experiments for the individual sections can be found at [Laulima>resources](#).

Absence: You are permitted only two absences (absence = zeros from all assignments from one particular lab) due to illness or other. You must notify your TA and forward your doctor’s note, court notice or equivalent, to the course Instructor who will make the decision. A dismissal counts as an unexcused absence. Three absences constitute failing the course, so be sure to prioritize your schedule accordingly.

To request excused absence, fill out a Google Form, which can be found at Laulima>Announcements folder (you need to be signed in your UH gmail account as well).

Preparedness: Students must carefully read the experimental procedure and take an online pre-lab quiz. Then students will watch a full video of the experiment.

Lab Reports/Assignments:

Submit the lab report/assignment to your TA by email before the start of the next scheduled lab period. Late lab reports will receive 33% deduction per day.

Tentative Grading: Each lab will be graded separately and appropriate curves determined at the end of the semester. Your grade is determined from a combination of pre-lab quizzes (40 points), lab reports/assignments (50 points) and TA evaluation (10 points). A final percentage will be calculated and applied to the following tentative grading scale:

Overall [%]	Grade Earned
≥ 95.0	A+
90.0-94.99	A
85.0-89.99	A-
80.0-84.99	B+
75.0-79.99	B
70.0-74.99	B-
65.0-69.99	C+
60.0-64.99	C
55.0-59.99	C-
50.0-54.99	D+
45.0-49.99	D
40.0-44.99	D-
< 40.0%	F

Policies:

Quizzes will be given at the beginning of the lab period. Students who are late for the quiz will not receive time extensions or be able to make up quizzes. Any missed quiz will be considered a zero.

Students who arrive after the pre-lab lecture has begun and miss important safety information may not be allowed to participate in the lab at the TA/instructor's discretion due to safety concerns. In this case, it will count as a zero.

Students must have completed the appropriate prelab details (see lab manual's lab report section for details) to participate in the lab due to safety concerns. Failure to do so will count as a zero. Students present at the start of the lab for the quiz, but without the prelab complete, will have their quiz result counted in this case.

Lab reports are due at the start of each lab period. Late reports will be accepted for up to 3 BUSINESS days, at a penalty of 33% per BUSINESS day (M-F, excluding holidays). Reports not submitted at the start of the lab period will be considered late.

Students who receive three zeros for any combination of missing labs, failing to attend the lab period (excused or unexcused), or being dismissed from the lab for failure to follow the departmental or instructor guidelines will receive an F in the course.

All students are expected to conduct himself/herself with honesty and consideration of fellow students.

TAs will conduct themselves as professional educators. This includes making all reasonable effort to return properly graded lab reports and quizzes to students by the end of the next lab period, responding to student emails within 2 business days (M-F excluding holidays), provide reasonably updated class grades to students upon request (as a percent or raw scores, not as a letter grade) within that time frame, and keep reasonably scheduled office hours (1h per assigned section per week) during the business week. Contact hours outside of these office hour(s) shall be at the TAs' discretion based on availability as parttime employees.

Misconduct: Any student caught cheating will automatically receive an F in the course and have their case referred to the appropriate review board for further disciplinary action.

Any act of plagiarism, or any other attempt to defraud the academic process will meet with reprimand and possible dismissal from the course without credit. Cheating in any form on an assignment/exam, at a minimum, result in a zero grade on that assignment/exam and the filing of an Academic Dishonesty Report Form describing the incident with the Vice President of Student Affairs. Prior or future cheating incidents anywhere in the university could result in expulsion. Cheating includes: the copying or exchanging of information during exams or quizzes, using banned materials, information, or devices during exams/quizzes, plagiarism, and altering the graded exam and claiming points. Exact reproduction of written materials from other students on any lab report will result in all parties receiving a zero. An on-line version of the Academic Honesty Policy for the university can be found at:

http://www.studentaffairs.manoa.hawaii.edu/policies/conduct_code/

Special accommodations policy - KOKUA program:

If you have a disability and related access needs, please contact the KOKUA program (UH Disabled Student Services Office) at 956-7511, KOKUA@hawaii.edu, or go to Room 013 in the Queen Lili'uokalani Center for Student Services. Please know that I will work with you and KOKUA to meet your access needs based on disability documentation.

Title IX <https://manoa.hawaii.edu/titleix/>

ADA ADA compliance, please contact me if you require any material in an alternate format.

Absences: The instructor cannot make accommodations for conflicting work schedules, vacation plans, or any other non-emergency situations. Any medical emergency must be

documented by a hand-written doctor's note by a local doctor with a physical address and phone number on the heading of the note. Only excused medical or other relevant (military, athletes, school-related trips, etc.) absences will be excused. Otherwise, no credit will be given.