

CHEM 272L (Laboratory Syllabus)

Organic Chemistry Laboratory 1

Fall 8/24 – 12/10, 2020

Prerequisite: General Chemistry 162 L

Instructor: Dr. Jakub Hyvl

Office: Bilger Addition 404

Office hours: T-Th 12:00-13:00 (Zoom meeting, schedule an appointment over email)

Email: hyvl@hawaii.edu

						<u>TA</u>
70353	Section 003	T 9:00 to 12:50	BILA 202	Julia Tsuzaki	juliakt@hawaii.edu	
72531	Section 004	T 9:00 to 12:50	BILA 214	Chris Sahlen	cjsahlen@hawaii.edu	
72696	Section 005	T 9:00 to 12:50	BILA 217	Chris Sahlen	cjsahlen@hawaii.edu	
73222	Section 006	T 1:30 to 5:20	BILA 202	Haylee Fujioka	hfujioka@hawaii.edu	
73349	Section 007	T 1:30 to 5:20	BILA 214	Stef Giannakopoulos	sgiannak@hawaii.edu	
70357	Section 008	W 1:30 to 5:20	BILA 202	Stef Giannakopoulos	sgiannak@hawaii.edu	
70354	Section 009	W 1:30 to 5:20	BILA 214	Taro Schmeeckle	tschmeec@hawaii.edu	
70355	Section 010	R 9:00 to 12:50	BILA 202	Chris Sahlen	cjsahlen@hawaii.edu	
70361	Section 011	R 9:00 to 12:50	BILA 206	Sam Flipse	sflipse@hawaii.edu	
72530	Section 012	R 9:00 to 12:50	BILA 214	Chaolun Liu	cliu9@hawaii.edu	
73350	Section 013	R 9:00 to 12:50	BILA 217			
74591	Section 014	R 1:30 to 5:20	BILA 202	Zackary Miyamoto	zekm@hawaii.edu	
70359	Section 015	R 1:30 to 5:20	BILA 206	Haylee Fujioka	hfujioka@hawaii.edu	
70360	Section 016	R 1:30 to 5:20	BILA 214	Chaolun Liu	cliu9@hawaii.edu	
		Online – All sections:		Landon Balkwill	balkwill@hawaii.edu	

Lab Manual: Chemistry 272L Organic Laboratory Procedures (UHM Bookstore)

Course Description:

CHEM 272L is the laboratory extension of Organic I (CHEM 272). Student headcount is reduced in order to meet COVID-19 guidelines as posted at the website immediately below. As a consequence, instruction will alternate between online and in-lab sessions according to the schedule posted on the Laulima website. It is possible that the university may cancel in person labs. In this event, the remaining sessions will be conducted as online experiments.

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: Safety glasses, face mask/face shield, two bound lab notebooks, and appropriate laboratory attire as specified in the Lab Manual or by TA/instructor.

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

Safety: Lab experiments require handling chemicals, some of which are toxic. Attention to safety precautions is mandatory at all times. You must inform your TA of any medical conditions that might affect your ability to safely conduct experiments. Students will watch a **mandatory** safety presentation prior to the 1st in-person laboratory. Eye protection when entering the laboratory area is mandatory, and noncompliance will result in dismissal. Closed-toed shoes, shirts covering shoulders, face masks and pants/skirts covering minimally to the knees are also mandatory; after one warning students will be dismissed for that day.

Absence: You are permitted only two absences 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>Resources](#) 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 for both in-lab and online experiments. For in-lab experiments, a short orientation video will be available. Students must complete both the quiz and the video prior to arriving in lab for the experiment. For online experiments, students will watch a full video of the experiment.

Lab Reports: Lab reports are due within a week of completing the experimental work. Your TA will specify the location where the lab reports are to be submitted. Late lab reports will receive 15% deduction per day. They are to be neatly hand-written in a bound notebook. For online labs, students will complete an experimental form as provided by the TA.

Notebooks: You are to have two bound notebooks. One is to be handed to your TA for grading and one is for you to write your pre-lab and lab report in for the next experiment. Consult your Lab Manual for instructions.

Lab Organization: Students will not work with lab partners. Labs and hoods must be cleaned at the end of each day as other lab sections also use the same lab/hoods.

Tentative Grading: Your grade is determined from a combination of quizzes (30 points), lab reports (60 points), and TA evaluations (10 points) for in-lab experiments; quizzes (40 points) and experimental forms (40 points) for online experiments. A final percentage will be calculated and applied to the following tentative grading scale:

Overall [%]	Grade Earned
≥ 85.0	A
75.0-84.9	B

65.0-74.9	C
55.0-64.9	D
≤ 54.9%	F

Academic Misconduct: Copying, cheating, etc. will result in course failure and may involve being reported to judicial affairs for further sanctions.

Disability: See KOKUA program for accommodations. Any student who feels s/he may need an accommodation based on the impact of a disability is invited to contact me privately.