

# CHEM 272L (Laboratory Syllabus)

See changes below **in red**.

## Organic Chemistry 1

Spring term, Jan 13 – May 15, 2020

Prerequisite: General Chemistry

Instructor: Dr. Jeff Romine

Office: 321A Bilger Hall

Office hours: T, R 1:00-2:00

Email: [rominej@hawaii.edu](mailto:rominej@hawaii.edu)

### TA

<b>80290</b> Section 005	M 12:30 to 4:20	BILA 202	Daniella Wallace	dbwallac@hawaii.edu
<b>80292</b> Section 025	W 1:30 to 5:20	BILA 202	Landon Balkwill	balkwill@hawaii.edu
<b>83238</b> Section 045	F 12:30 to 4:20	BILA 202	Daniella Wallace	dbwallac@hawaii.edu

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

### Course Description:

CHEM 272L is the laboratory extension of Organic I (CHEM 272). The experiments are intended as practical applications of the material taught in the lectures, and will give students 'hands-on' experience in organic chemistry.

**Required equipment:** Safety glasses, two bound lab notebooks, and appropriate laboratory attire as specified in the Lab Manual.

**Safety:** Lab experiments require handling chemicals, some of which are toxic. Attention to safety precautions is mandatory at all times. Inform your TA of any medical conditions that might affect your ability to safely conduct experiments. Instructions regarding safety will be given during the 1<sup>st</sup> laboratory section - attendance is mandatory. Eye protection when entering the laboratory area is mandatory, and noncompliance will result in dismissal. Closed-toed shoes, shirts covering shoulders, 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, but you must notify your TA and Lab partner. An excused absence requires a doctor's note, court's notice or equivalent. Any dismissal counts as an unexcused absence. Three absences constitutes failing the course, so be sure to prioritize your schedule accordingly.

**Preparedness:** Student must carefully read the experimental procedure prior to lab and be prepared to take a pre-lab quiz at the start of each session.

**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% per day deduction. They are to be neatly hand-written in a bound notebook.

**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:** You will work with a partner and be assigned a hood by your TA. You must clean your hood at the end of each day as other lab sections use the lab/hoods.

**Tentative Grading:** Your grade is determined from a combination of quizzes, lab reports, experimentals written into your notebooks, and TA evaluations. A percentage will be calculated and applied to the following grading scale:

A 85 – 100%  
B 75 – 84%  
C 65 – 74%  
D 55 – 64%  
F < 53%

**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.

**Revised Syllabus:** Due the Corona Virus outbreak, UH CHEM 272L shifted to on-line course instruction as of March 30.

**Jan 13 - 22** No labs

**Jan 23 – March 13** Experimental labs

**March 14 – March 29** No labs

**March 30 – May 5** Virtual labs