

Chemistry 272L – Spring 2023 – BA 202, BA 214
 Schedule

	week of	M - 005 12:30-16:20 80264	T - 011 09:00-12:50 83178	T - 016 13:30-17:20 82691	W - 025 13:30-17:20 80266	Th - 031 09:00-12:50 80267	Th - 035 13:30-17:20 80268
1	Jan 9	Safety and Policies (online asynchronous) All students must watch a video on lab safety and lab polices that will be posted on Lulima.					
2	Jan 16	HOLIDAY	no lab	no lab	no lab	no lab	no lab
3	Jan 23	MP/Cryst	MP/Cryst	MP/Cryst	MP/Cryst	MP/Cryst	MP/Cryst
4	Jan 30	Distillation	Distillation	Distillation	Distillation	Distillation	Distillation
5	Feb 6	Chromatogr	Chromatogr	Chromatogr	Chromatogr	Chromatogr	Chromatogr
6	Feb 13	TLC	TLC	TLC	TLC	TLC	TLC
7	Feb 20	HOLIDAY	Extraction	Extraction	Extraction	Extraction	Extraction
8	Feb 27	Extraction	Oxidation	Oxidation	Oxidation	Oxidation	Oxidation
9	Mar 6	Oxidation	Brom/Elimin	Brom/Elimin	Brom/Elimin	Brom/Elimin	Brom/Elimin
10	Mar 13	SPRING RECESS					
11	Mar 20	Brom/Elimin	S _N 2 Rxn	S _N 2 Rxn	S _N 2 Rxn	S _N 2 Rxn	S _N 2 Rxn
12	Mar 27	HOLIDAY	Transf Hydr	Transf Hydr	Transf Hydr	Transf Hydr	Transf Hydr
13	Apr 3	S _N 2 Rxn					
14	Apr 10	Transf Hydr					
15	Apr 17						

CHEM 272L – Organic Chemistry I Laboratory

Spring 2023

Professor: Prof. M. Tius
Email: tius@hawaii.edu
Lab TAs: Contact information will be provided on the first day.

Notebooks: Three bound notebooks (no loose-leaf or spiral books)

Safety: ***Safety goggles or glasses with side shields are required. Closed toed shoes, long pants covering your knees and shirts covering your shoulders must be worn at all times in the lab. All students must comply with UH COVID guidelines including wearing an appropriate mask/face covering.*** No student will be allowed in the lab without proper safety equipment. Students who fail to use the safety equipment properly will be forced to leave the lab and assigned a zero for that portion.

Semester grade: Each lab will be graded separately, and appropriate curves determined at the end of the semester. The following ***tentative*** scale will be used: A+ 90-100; A 85-89; A- 80-84; B+ 75-79; B 70-74; B- 65-69; C+ 60-64; C 55-59; C- 50-54; D+ 45-49; D 40-44; D- 30-39; F 29-0

Lab Notebook 50%
Quizzes (Pre-lab) 40%
TA Evaluation (Organization, preparation, technique) 10%

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. Quizzes for group A and B within the same section will be different.

The final grading scale for each section of 272L will be determined independently.

Students who arrive late, 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, the grade for that lab will be 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.

Missed labs: Each student can miss up to 2 labs for ***excused*** absences (determined by the instructor; proof required). ***Three (3) excused or unexcused absences results in a grade of F in the lab.*** Unexcused absence from any lab results in a grade of zero for that lab.

All students are expected to conduct himself/herself with honesty and consideration for their fellow students and for the TA.

Any student caught cheating will automatically receive either a zero on the assignment or F in the course, at the sole discretion of the instructor, and then have their case referred to the judicial affairs to be placed on their record.

Any student who feels s/he may need an accommodation based on the impact of a disability is invited to contact me privately. I will work with you and the KOKUA Program (Office for Students with Disabilities) to ensure reasonable accommodations in the course. KOKUA can be reached at (808) 956-7511 or (808) 956-7612 (voice/text) in room 013 of the Queen Lili'uokalani Center for Student Services.

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 part-time employees.

Acceptable Resources: Students may use any note provided during the lecture or lab, any organic chemistry textbook (need to cite), or any primary literature sources (need to cite), such as journal articles and peer-reviewed books. *Use of or providing other students with any non-approved resources is considered a violation of the student code of conduct. Each student is expected to produce original independent work, even when completing the experiment in groups.*

Student Learning Outcomes: Outcomes are available on the Chemistry department's webpage at: <http://manoa.hawaii.edu/chem/academics/courses/>

COVID disclaimer: The syllabus and course policies may be modified in the event of any unforeseen shutdowns or health and safety issues related to COVID that impact the class. These modifications include but are not limited to changing due dates, grade distribution, assigning new on-line assignments, converting in-person sections to on-line offerings, etc. Specific modifications may differ across sections as needed. Students shall be notified in writing and as far in advance of any such changes as is practical.