

CHEM 273L – Organic Chemistry II Laboratory

Syllabus, Spring 2020

Professor: Prof. P. Williams
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Prerequisite: Chem 272L(C not C-) and Chem 273 (or concurrent)
Text: Chemistry 273 Organic Laboratory Procedures
(available in the bookstore)

Errors in the lab manual? Let me know using the link below for possible extra credit if you are the first.

<https://forms.gle/UhYVrgyXa45PsPCN6>

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.*** 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/ Assignments	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.

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.

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 student who feels s/he may need an accommodation based on the impact of a disability is invited to contact me privately. I would be happy to work with you, and the KOKUA Program (Office for Students with Disabilities) to ensure reasonable accommodations in my 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.

Monday	Tuesday	Wednesday	Thursday	Friday
13-Jan	14-Jan	15-Jan	16-Jan	17-Jan
No labs	No labs	No labs	No labs	No labs
20-Jan	21-Jan	22-Jan	23-Jan	24-Jan
HOLIDAY	CHECK-IN & Unknown	CHECK-IN & Unknown	CHECK-IN & Unknown	CHECK-IN & Unknown
27-Jan	28-Jan	29-Jan	30-Jan	31-Jan
CHECK-IN & Unknown	Unknowns - Week 2	Unknowns - Week 2	Unknowns - Week 2	Unknowns - Week 2
3-Feb	4-Feb	5-Feb	6-Feb	7-Feb
Unknowns - Week 2	Unknown - Week 3	Unknown - Week 3	Unknown - Week 3	Unknown - Week 3
10-Feb	11-Feb	12-Feb	13-Feb	14-Feb
Unknown - Week 3	Unknown - Week 4	Unknown - Week 4	Unknown - Week 4	Unknown - Week 4
17-Feb	18-Feb	19-Feb	20-Feb	21-Feb
HOLIDAY	No labs	No labs	No labs	No labs
24-Feb	25-Feb	26-Feb	27-Feb	28-Feb
Unknown - Week 4	Unknown - Week 5	Unknown - Week 5	Unknown - Week 5	Unknown - Week 5
2-Mar	3-Mar	4-Mar	5-Mar	6-Mar
Unknown - Week 5	Ester	Ester	Ester	Ester
9-Mar	10-Mar	11-Mar	12-Mar	13-Mar
Ester	Grignard	Grignard	Grignard	Grignard
16-Mar	17-Mar	18-Mar	19-Mar	20-Mar
Spring Break	Spring Break	Spring Break	Spring Break	Spring Break
23-Mar	24-Mar	25-Mar	26-Mar	27-Mar
No Labs	No Labs	No Labs	No Labs	No Labs

Modifications due to shifting to online classes.

Students will complete two on-line labs:

Introduction to Searching the Chemical Literature	Due April 13 th 5pm. Worth 1 lab (20 points)
Computer-Aided Drug Design.	Due May 4 th 5pm Worth 2 labs (50 points)

Lab reports should be sent directly to your TA. The format of these reports will be different than we have been using so far. See the assignment instructions for details.