Chem 272L Fall 2010

Microscale Organic Chemistry Laboratory
General Information

Instructor: W. Chain chain@hawaii.edu
Bilger 205B 808-956-5795

Office hours by appointment.

Course Objectives:
- To gain practical experience in manipulating organic compounds
- To learn how to purify, separate, prepare, and identify organic compounds using microscale laboratory techniques.

Textbooks:
- "Microscale and Macroscale Organic Experiments," 6th Edition, by Kenneth L. Williamson, Robert D. Minard, and Katherine M. Masters (2010)
- Additional lab resources at:
http://college.hmco.com/chemistry/organic/williamson/macroscale/5e/resources.html
- Registration to view photos and videos requires a passkey available ONLY through the publisher at:
http://college.hmco.com/how/how_stu_password_help.html

Safety:
- **Required:**
1. **Safety goggles or glasses with side shields**
2. **Closed toe shoes**
3. **Long pants**
4. **Long hair must be tied back**

No one will be allowed to work without this protection. No exceptions. Your cooperation is requested.
- While not required, students may wear additional protective clothing such as lab coats, rubber aprons, and heavy boots at their own discretion.
- No talking on cell phones or listening to music while working in the lab. Turn your phone off for the duration of lab. You will not receive a grade for talking on the phone!

Notebooks:
- Students must provide two bound (no loose-leaf), hard cover laboratory notebooks.

Grading Scheme:

Lab notebooks/Handout questions (due every week):	50%
Quizzes (every week):	40%
TA evaluation (organization, preparation, technique):	10%

It is our custom to return work within 3 weeks of submission

General Policies:
- Missed labs cannot be made up. If you must miss a lab, you *must* discuss the problem with your TA *in advance*. **There are no unexcused absences – a score of zero will be assigned for the quiz and lab report.** If you miss more than two labs for any reason, you are encouraged to withdraw from the course. There will be no 'incomplete' grades.
- Safety is of paramount importance! The smallest distraction can lead to an accident. If you are observed in the teaching laboratory on a cell phone or walking around listening to headphones, you WILL be removed from the lab. If you are observed without the necessary protective clothing, you WILL be removed from the lab.

Code of Conduct:
Academic honesty policies can be found at the following website:
http://www.studentaffairs.manoa.hawaii.edu/policies/conduct_code/

Disabilities: The University of Hawaii is an equal opportunity/affirmative action institution, dedicated to teaching all students and reaching all learners. It is our commitment to make our lectures and classrooms accessible to all students. If you have, or think you might have, a disability and have not voluntarily disclosed its nature and the support you need, you are invited to contact the UH KOKUA Program (http://www.hawaii.edu/kokua/ or (808) 956-7511), or talk with the instructor in order to get any accommodation you might need to take the course. This information will be kept confidential. Please do this as early in the course as possible.

First lab meeting: We will begin lab the week of August 23 with check-in and a safety lecture. Read chapters 1 and 2, and the first two pages of the book ("Safety Practices" and "In Case of Accident").