

CHEM 273L – Organic Chemistry II Laboratory

Syllabus, Fall 2013

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|--|---|--------------|-----|-------------------|-----|--|-----|
| Professor: | Associate Prof. P. Williams (M-W) | | | | | | |
| Email: | philipwi@hawaii.edu | | | | | | |
| Phone: | 956-5631 | | | | | | |
| Prerequisite: | Chem 272L (C grade or better) and Chem 273 (or concurrent) | | | | | | |
| Text: | Chemistry 273 Organic Laboratory Procedures | | | | | | |
| Notebooks: | Two notebooks (no loose-leaf) | | | | | | |
| Safety: | <i>Safety goggles or glasses with side shields are required. Closed-toed shoes must be worn at all times.</i> 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: | <p>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;</p> <table><tr><td>Lab Notebook</td><td>50%</td></tr><tr><td>Quizzes (Pre-lab)</td><td>40%</td></tr><tr><td>TA Evaluation (Organization, preparation, technique)</td><td>10%</td></tr></table> | Lab Notebook | 50% | Quizzes (Pre-lab) | 40% | TA Evaluation (Organization, preparation, technique) | 10% |
| Lab Notebook | 50% | | | | | | |
| Quizzes (Pre-lab) | 40% | | | | | | |
| TA Evaluation (Organization, preparation, technique) | 10% | | | | | | |
| Policies: | <ul style="list-style-type: none">• Quizzes will be given at the beginning of the lab. Students who are late will not be able to makeup quizzes. Any missed quiz will be considered a zero.• Students should inform the instructor of any prearranged professional trips (conferences or varsity sports)• 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 | | | | | | |

| Monday | Tuesday | Wednesday |
|-------------------------------------|-------------------------------------|-------------------------------------|
| 2-Sep | 3-Sep | 4-Sep |
| Holiday | Check-In | Check-In |
| 9-Sep | 10-Sep | 11-Sep |
| Check-In | Unknowns | Unknowns |
| 16-Sep | 17-Sep | 18-Sep |
| Unknowns | Unknowns - Week 2 | Unknowns - Week 2 |
| 23-Sep | 24-Sep | 25-Sep |
| Unknowns - Week 2 | Unknown - Week 3 | Unknown - Week 3 |
| 30-Sep | 1-Oct | 2-Oct |
| Unknown - Week 3 | Unknown - Week 4 | Unknown - Week 4 |
| 7-Oct | 8-Oct | 9-Oct |
| Unknown - Week 4 | Unknown - Week 5 | Unknown - Week 5 |
| 14-Oct | 15-Oct | 16-Oct |
| Unknown - Week 5 | Ester | Ester |
| 21-Oct | 22-Oct | 23-Oct |
| Ester | Grignard | Grignard |
| 28-Oct | 29-Oct | 30-Oct |
| Grignard | Friedel-Crafts | Friedel-Crafts |
| 4-Nov | 5-Nov | 6-Nov |
| Friedel-Crafts | Sodium Borohydride | Sodium Borohydride |
| 11-Nov | 12-Nov | 13-Nov |
| Holiday | Diels-Alder | Diels-Alder |
| 18-Nov | 19-Nov | 20-Nov |
| Sodium Borohydride | Wittig & Chemilum. & Checkout | Wittig & Chemilum. & Checkout |
| 25-Nov | 26-Nov | 27-Nov |
| Diels-Alder | No Labs | No Labs |
| 2-Dec | 3-Dec | 4-Dec |
| Wittig & Chemilum. & Checkout | No Labs | No Labs |