

SCHEDULE -- Organic Chemistry CH 338 Lab, Spring 2007

Texts:

1. "Organic Laboratory Techniques," 3rd edition, Fessenden & Fessenden & Feist (FFF) (purchase at bookstore)
2. "Organic Chemistry Laboratory II for Chemistry Majors, CH 338, PSU" (Lab Manual) (purchase at Smart Copy)

Notes:

1. Safety goggles and notebook are needed for all labs, including the first lab.
2. You must read the lab manual and the corresponding FFF references before coming to the lab.
3. Lab Report Forms are needed for experiments involving synthesis. Items 1-9 must be completed before coming to the lab. The Lab Report Form can be downloaded from the lab website:
<http://chem.pdx.edu/~wamserc/Labs/CH338.html>
4. **Lab reports are due one week after the experiment is completed.**

PERIOD	EXPERIMENT	READING/ASSIGNMENTS
1 (Apr 2-5)	Check in Begin Exp. 1: Synthesis of <i>trans</i> -Stilbene	Lab Manual, p 2-13 Lab Manual, p 14-17
2 (April 9-12)	Complete Exp. 1 Begin Exp. 2, Part I: Acetylation of Ferrocene and Column Chromatography * complete filtration and washing of the crude product (it needs to dry before column chromatography)	Lab Manual, p 18-21 FFF, p 119-125
3 (April 16-19)	Complete Exp. 2, Parts I and II	FFF, p 133-139 Lab Manual, p 22-24 Turn in Exp. 1 synthesis form
4 (April 23-26)	Begin Exp. 3: Isolation of Cholesterol from Gallstones	Lab Manual, p 25-28 Turn in Exp. 2 synthesis form
5 (April 30-May 3)	Complete Exp. 3 Begin Exp. 4: Multistep Synthesis	Lab Manual, p 29-39
6 (May 7-10)	Continue Exp. 4	
7 (May 14-17)	Continue Exp. 4	Turn in Exp. 3 (journal-style report)
8 (May 21-24)	Continue Exp. 4	
9 (May 29-31) Note: Mon holiday	Complete Exp. 4 Exp. 5: Nylon by Interfacial Polymerization	Lab Manual, p 40-41
10 (June 4-7)	Complete all work Clean up and check out Review for final exam	Turn in Exp. 4 synthesis form Turn in Exp. 5 synthesis form
Final Exam June 13	Wed, June 13, 8:00 - 9:50 am, Hoffmann Hall Hand in your notebook just before the final exam.	