

Chemistry 272L Microscale Organic Laboratory in Bilger Addition 202
Text: Microscale and Microscale Organic Experiments, 4th Ed., Williamson
Lab Schedule Spring 2006

Teaching Assistants: Peter Khoury:

Section 1, Mon, 12:30 – 4:20 pm
 Section 5, Thu, 9:00 am – 12:50 pm
 Section 2, Tue, 1:30 – 5:20 pm
 Section 6, Thu, 1:30 – 5:20 pm
 Section 3, Wed, 12:30 – 4:20 pm
 Section 8, Fri., 12:30 – 4:20 pm

Domonkos Feher:

Francis Yoshimoto:

- Read the assigned material, do all necessary calculations, and write up your prelab *before* coming to the lab.
- No labs are scheduled on the following days:
 Monday, Jan. 16 (Martin Luther King Day)
 Monday, Feb. 20 (President's Day)
 Monday, March 27 – Friday, March 31 (Spring Recess)
 Friday, April 14 (Good Friday)

Experiment List

Week	Date (Mon)	Date (Tue)	Date (Wed)	Date (Thu)	Date (Fri)	Experiment	Reading
1	1/9	1/10	1/11	1/12	1/13	Check in, safety lecture, info about the lab and lab write-up, expectations	Review Chapters 1 & 2
2	1/23	1/17	1/18	1/19	1/20	Distillation	Chapter 5
3	1/30	1/24	1/25	1/26	1/27	Distillation unknown, melting point	Chapter 4
4	2/6	1/31	2/1	2/2	2/3	Crystallization	Chapter 3
5	2/13	2/7	2/8	2/9	2/10	Thin layer chromatography	Chapter 9
6	2/27	2/14	2/15	2/16	2/17	Steam distillation	Chapter 6
7	3/6	2/21	2/22	2/23	2/24	Extraction	Chapter 8
8	3/13	2/28	3/1	3/2	3/3	Column Chromatography	Chapter 10
9	3/20	3/7	3/8	3/9	3/10	Bromobutane	Chapter 16
10	4/3	3/14	3/15	3/16	3/17	Oxidation of cyclohexanol	Chapter 22
11	4/10	3/21	3/22	3/23	3/24	Synthesis of ester fragrances	Handout
12	4/17	4/4	4/5	4/6	4/7	Transfer hydrogenation of olive oil	Chapter 25
13	4/24	4/11	4/12	4/13	4/21	Polymers	Chapter 69
14	5/1	4/18	4/19	4/20	4/28	Checkout	