

ORGANIC CHEMISTRY 2315 LABORATORY EXPERIMENT SCHEDULE SPRING 2012

**Text: Introduction to Organic Laboratory Techniques and Small Scale Approach—Pavia,
Lampman, Kris and Engel; 2nd Edition**

Experiment #	Experiment # in text/Title	Reference to text	Mon	Wed	Sat
1	- Introductory and safety issues, proper care and use of glassware, laboratory techniques - Notebook - Calibration of thermometers - Post-lab: Percent Yield Determination	2-39 Tech. 1, 2.1, 2.2 Syllabus & Safety Agreement Exp #1 Handouts	1/9	1/11	1/14
2	#1 (1 st Ed.)- Isolation of an Active Ingredient in an Analgesic Drug Start #17- Ethanol from Sucrose	1 st Ed. 42-46 135-139	1/23	1/25	1/28
3	Finish #17- Ethanol from Sucrose	135-139	1/30	2/1	2/4
4	#12- Isopentyl Acetate	93-96	2/6	2/8	2/11
5	#26- Methyl Stearate from Methyl Oleate	211-216	2/13	2/15	2/18
6	#20- Reactivities of Some Alkyl Halides	168-171	2/27	2/29	3/3
7	#23A- n-Butyl Bromide	189-193	3/5	3/7	3/10
8	#58A- Isolation of Essential Oils	523-530	3/12	3/14	3/17
9	#24- 4-Methylcyclohexene	193-197	3/26	3/28	3/31
10	#56- Preparation of a C-4 or C-5 Acetate Ester	518-520	4/2	4/4	4/7
11	#16- Make-Up Lab- Isolation of Chlorophyll from Carotenoid Pigments from Spinach Check out: EVERYBODY MUST ATTEND CHECK OUT!	124-132	4/9	4/11	4/14