

ORGANIC CHEMISTRY 2325 LABORATORY EXPERIMENT SCHEDULE SPRING 2012

Experiment #	Experiment # in text/Title	Reference to text	Tue	Fri	
1	- Introductory and safety issues, proper care and use of glassware, laboratory techniques - Notebook - Post-lab: outline a proper step-wise procedure for washing and drying glassware	2-39 Tech 1, 2.1, 2.2 Syllabus & Safety Agreement Handouts	1/10	1/13	
2	#34- Preparation of Benzil	294-296	1/17	1/20	
3	#43- Nitration of Methyl Benzoate	352-355	1/24	1/27	
4	#36 (1 st Ed.)- Methyl Orange	1 st Ed: 318-323	1/31	2/3	
5	#36- Preparation of Grignard Reagent	303-309	2/7	2/10	
6	#36A- Triphenyl Methanol	309-311	2/14	2/17	
7	#13- Methyl Salicylate	96-101	2/21	2/24	
8	#38- Aldol Condensation	322-326	2/28	3/2	
9	#39- Michael and Aldol Condensation	326-330	3/6	3/9	
10	#44 (1 st Ed.)- PABA	1 st Ed: 383-388	3/13	3/16	
11	#44- Benzocain	361-363	3/27	3/30	
12	#45- "OFF" Insect Repellant	370-375	4/3	4/6	
13	#55- Make-Up Lab – Identification of Unknowns B – no nitro or cyano groups, no sodium fusion C – no bromine test D – no chromic acid test F – no bromine/water test G – do only IR H – do only IR Check out: EVERYBODY MUST ATTEND CHECK OUT!		4/10	4/13	