

Order	Date			Contents	page
	A	B	C		
1	2/20	2/22	2/23	1. Review of the Experimental Techniques from Last Semester 2. Safety and Rules in the Laboratory	
2-3	2/27 3/5	2/29 3/7	3/1 3/8	Esterification	1
				Preparation of Methyl Benzoate	
				Separation and Purification of Methyl Benzoate	
4	3/12	3/14	3/15	Nitration of Aromatic Compounds	11
				Synthesis of <i>m</i> -Nitrobenzoate from Methyl Benzoate	
5	3/19	3/21	3/22	Hydrolysis	23
				Hydrolysis of Methyl 3-Nitrobenzoate	
6	3/26	3/28	3/29	Reaction of Ketones	34
				Preparation of 1-Phenylethanol from Acetophenone	
7-8	4/2 4/9	4/4 4/11	4/5 4/12	Product Identification in Experiment 4 by FTIR	
				Iodoform Test for Methyl Ketones	44
				Ps. 4/8-4/9 Inter-university Activity Day (suspended) & 4/4-4/5 Holidays	
9	4/16	4/18	4/19	Discussion	
				Presentation for Previous Five Experiments	
10-11	4/23 4/30	4/25 5/2	4/26 5/3	Aldol Condensations: Synthesis of Dibenzalacetone	49
				Purification and Identification of Product	
11-12	4/30 5/7	5/2 5/9	5/3 5/10	Canizaro Reaction	54
				Preparation and Reactions of Benzyl Alcohol and Benzoic acid	
				Purification and Identification of Product	
13	5/14	5/16	5/17	Mid-term Examination	
				Wittig Reaction: Preparation of <i>trans</i> -1,2-Diphenylethylene	61
				Purification and Identification of Product	
14	5/21	5/23	5/24	Hofmann Rearrangement	70
				Preparation of Anthranilic Acid	
15	5/28	5/30	5/31	Dyes & UV	76
				Preparation of Methyl Orange	
16	6/4	6/6	6/7	Discussion	
				Presentation for the Latest Five Experiments after the Previous Presentation	
17	6/11	6/13	6/14	Make-up Presentation & Final Cleaning	
18	6/18	6/20	6/21	Final Exam & Discussion of Final examination	