

## Laboratory Schedule (Tentative)

Week	Monday	Experiments	Wednesday	Experiments
1	2/1	Safety; Check into lockers	2/3	Exp. 23A: Synthesis of <i>n</i> -Butyl Bromide
2	2/8	Complete 23A; begin 23B: Synthesis of <i>t</i> -Pentyl Chloride	2/10	<i>Lecture on NMR</i> ; conclude 23B (if needed)
3	2/15	<b>Holiday</b>	2/17	<i>Lecture on NMR</i>
4	2/22	Group A: Exp. 24: 4-Methylcyclohexene Group B: Exp. 33: Oxidation/Reduction Group C: Exp. 25: Phase-Transfer Cat.	2/24	Group A: Begin Exp. 33 Group B: Exp. 33 (cont'd) Group C: Exp. 24
5	3/1	Group A: Finish Exp. 33 Group B: Exp. 25 Group C: Begin Exp. 33	3/3	Group A: Exp. 25 Group B: Exp. 24 Group C: Finish Exp. 33
6	3/8	Finish previous labs; Lecture on Mass Spec. if time allows	3/10	Exp. 36A: Triphenylmethanol (Grignard reaction)
7	3/15	Finish Exp. 36A	3/17	Exp. 43: Nitration of Methyl Benzoate
8	3/22	Exp. 44 Benzocaine	3/24	Exp. 34A: Benzoin Condensation & Exp. 50A: Photoreduction of Benzophenone
	3/29	<b>Spring Break: No Class</b>	3/31	<b>Spring Break: No Class</b>
9	4/5	Exp. 34B: Preparation of Benzil; Exp. 50A: (collect product)	4/7	Exp. 34B: (cont'd)
10	4/12	Exp. 35: Tetraphenylcyclopentadienone	4/14	<i>More on Spectroscopy: 2D NMR</i> ; Finish Exp. 35 (if needed)
11	4/19	Exp. 46: Sulfa Drugs	4/21	Exp. 46 (cont'd)
12	4/26	Exp. 52: Carbohydrates	4/28	Exp. 52: (cont'd)
13	5/3	Exp. 45: "OFF" Insect Repellent	5/5	Exp. 41: 1,4-diphenyl-1.3-butadiene (Wittig Reaction)
14	5/10	Exp. 41 (cont'd)	5/12	Exp. 39: Michael/Aldol Reactions
15	5/17	Exp. 39 (cont'd)	5/19	Finish Exp. 39; Checkout of Lockers
16	5/24	<b>Finals Week: No Lab</b>	5/26	<b>Finals Week: No Lab</b>