

V. Laboratory Schedule of Experiments: CH-202 Fall 2009

NOTE: Required readings are included in the experiment page numbers listed below.

Lab Week/Dates	Experiment, pp.	Title
1 / Aug 18-19		Check-In / Orientation / Safety
2 / Aug 25-26	Exp 26 / 217-224	Phase-Transfer Catalysis: Addition of Dichlorocarbene to Cyclohexene
TAKE HOME (Due Sept 8-9)	Tech 25 / 833-867 Tech 26 / 868-905 Tech 27 / 906-923 Tech 28 / 924-942	General Unknown: Spectroscopy IR Spectroscopy NMR, Proton Spectroscopy NMR, Carbon-13 Spectroscopy Mass Spectrometry
3 / Sept 1-2	Exp 29 / 239-249	(PAIRS) Reduction of Methyl Oleate
4 / Sept 8-9	Exp 50 / 414-423	Diels-Alder Reaction
5 / Sept 15-16	Exp 27 / 224-228	Relative Reactivities of Several Aromatic Compounds: Bromination of Acetanilide
6 / Sept 22-23	Exp 28 / 228-232	Nitration of Methyl Benzoate
7 / Sept 29-30	Exp 45 / 370-373	Preparation of Benzocaine
8 / Oct 6-7	Exp 36 / 302-314	Preparation of Benzilic Acid
9 / Oct 13-14	Exp 38A / 322-324	Preparation of Triphenylmethanol (Grignard Reagent will be provided:Ph-MgBr)
10 / Oct 20-21	Exp 41 / 339-343	Preparation of Benzalacetophenones (Chalcones) USE 3-Nitrobenzaldehyde ONLY
NOTE	Oct 24	Last Day To Drop
11 / Oct 27-28	Exp 42 / 344-347	Michael and Aldol Condensation
12 / Nov 3-4	Exp 43 / 348-358	Enamine Reactions: 2-Acetylcyclohexanone
13 / Nov 10-11	Exp 43 / 348-358	Cont'd.: Enamine Reactions
14 / Nov 17-18		LABORATORY HOUR TEST/ CHECK-OUT OF LAB

FEES MUST BE CLEARED BY / BEFORE Tuesday, December 1, 2009 @ 5:00 PM.