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<u>Thurs/Fri</u>	<u>Topic</u>	<u>Experiment #</u>
Aug 23, 24	Introduction and Safety	
Aug 30, 31	Oxidation of an Aromatic Side Chain	12
Sep 6, 7	Esterification of Benzoic Acid	13
Sep 13, 14	Nitration of Methyl Benzoate	14
Sep 20, 21	Sodium Borohydride Reduction of Ketone	15
Sep 27, 28	Synthesis of Dibenzalacetone	16
Oct 4, 5	Infrared (IR) and H-NMR Spectra Analysis (Handout) and Intro to Organic Qualitative Analysis <i>Part I A and B, and Part II S1 and S2</i>	17 18
Oct 11, 12	Chemistry of Functional Groups <i>Hydrocarbons & Alcohols and Phenols</i>	19 Parts 1 & 2
Oct 18, 19	Chemistry of Functional Groups <i>Aldehydes & Ketones</i>	19 Part 3
Oct 25, 26	Chemistry of Functional Groups <i>Amines & Carboxylic Acids (not esters)</i>	19 Parts 4 & 5 (not esters)
Nov 1, 2	Unknown: Preliminary Identification <i>Physical Properties & Solubility</i>	
Nov 8, 9	Unknown: Functional Group, Derivatives & Identification	
Nov 15, 16	Final Exam & Checkout	