

<http://browardcentralscience.org>

<u>Wed</u>	<u>Topic</u>	<u>Experiment #</u>
May 15	Introduction and Safety	
May 22	Oxidation of an Aromatic Side Chain	12
May 29	Esterification of Benzoic Acid	13
Jun 5	Nitration of Methyl Benzoate	14
Jun 12	Sodium Borohydride Reduction of Ketone	15
Jun 19	Infrared (IR) and H-NMR Spectra Analysis <b>and</b> Intro to Organic Qualitative Analysis <i>Part I A and B, and Part II S1 and S2</i>	17 18
Jun 26	Chemistry of Functional Groups <i>Hydrocarbons &amp; Alcohols and Phenols</i>	19 Parts 1 & 2
Jul 3	Chemistry of Functional Groups <i>Aldehydes &amp; Ketones</i>	19 Part 3
Jul 10	Chemistry of Functional Groups <i>Amines &amp; Carboxylic Acids (not esters)</i>	19 Parts 4 & 5 (not esters)
Jul 17	Unknown: Preliminary Identification <i>Physical Properties &amp; Solubility</i>	
Jul 24	Unknown: Functional Group, Derivatives & Identification	
Jul 31	<b>Final Exam &amp; Checkout</b>	