

CHM 2211L

Central Campus Lab Schedule

May 2021

<http://bclab.org>

<u>Week</u>	<u>Topic</u>	<u>Exp #</u>
May 12-14	Introduction and Safety	
May 17-21	Oxidation of an Aromatic Side Chain	12
May 17-21	Esterification of Benzoic Acid	13
May 17-21	Nitration of Methyl Benzoate	14
May 24-28	Sodium Borohydride Reduction of Ketone	15
May 24-28	Synthesis of Dibenzalacetone	16
Jun 1-4	Infrared (IR) and H-NMR Spectra Analysis and Intro to Organic Qualitative Analysis <i>Part I A and B, and Part II S1 and S2</i>	17 18
Jun 1-4	Chemistry of Functional Groups <i>Hydrocarbons & Alcohols and Phenols</i>	19 Parts 1 & 2
Jun 1-4	Chemistry of Functional Groups <i>Aldehydes & Ketones</i>	19 Part 3
Jun 7-11	Chemistry of Functional Groups <i>Amines & Carboxylic Acids (not esters)</i>	19 Parts 4 & 5 (not esters)
Jun 7-11	Unknown: Preliminary Identification <i>Physical Properties & Solubility</i>	
Jun 14-18	Unknown: Functional Group, Derivatives & Identification	
Jun 21-22	Final and Notebooks Due	