

Lab Schedule
CHM2211L

Changes in the Syllabus:

As the course develops, the instructor reserves the right to make changes to this syllabus if it is deemed desirable or necessary. Changes to the syllabus will be announced in class or on D2L.

Date	Lab #	Title of Experiments	Experiment #
August 23	1st day	Introduction, Safety and Equipment Check in	
August 30	1	Green Oxidation of Borneol to Camphor	13 (page-187)
September 6		Labor Day	
September 13	2	Infrared Spectroscopy and Analgesic Drug Identification (Lab Report for Physical Properties of Organic molecules due)	14 (page-199)
September 20	3	Nuclear Magnetic Resonance Spectroscopy (Lab Report for Infrared Spectroscopy and Analgesic Drug Identification due)	15 (page -217)
September 27	4	Diels Alder reac (Lab Report for Nuclear Magnetic Resonance Spectroscopy due)	16 (page -235)
October 4	5	Nitration of Methyl Benzoate (Lab Report for Diels Alder reaction due)	17 (page -243)
October 11		Columbus Day	
October 18	<u>Exam</u>	<u>Mid – Term Exam</u> (Lab Report for Nitration of Methyl Benzoate due)	
October 25	6	Fischer Esterification	18 (page-253)
November 1	7	Analgesics and Synthesis of Aspirin (Lab Report for Fischer Esterification due)	19 (page-263)
November 8	8	The Chemistry of the Functional groups- Classification tests (Lab Report Analgesics and Synthesis of Aspirin due)	23 (page -315) & handout
November 15	9	Synthesis of OFF – An Insect Repellent (Lab Report for The Chemistry of the Functional groups- Classification tests due)	20 (page-275) & handout
November 22	10	The aldol Condensation Reaction (Lab Report for Synthesis of OFF – An Insect Repellent due)	21 (page-285)
November 29	11	Equipment Check out / Final exam review (Lab Report for The aldol Condensation Reaction due)	
December 6	<u>Exam</u>	<u>Final Exam</u>	