

Lab Schedule
CHM2210L

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	Session	TITLE OF EXPERIMENTS	Experiment
August 24	1	Introduction, Safety, and Inventory	
August 31	2	Physical Properties of Organic molecules	1 Part 1
September 7	3	Physical Properties of Organic molecules	1 Part 3
September 14	4	Nuclear Magnetic Resonance Spectroscopy (Lab Report for Physical Properties of Organic molecules due on Session #4)	Handout
September 21	5	Recrystallization (Lab Report for Nuclear Magnetic Resonance Spectroscopy due on Session #5)	2
September 28	6	Extraction (Lab Report for Recrystallization due on Session #6)	3
October 5	7	Chromatography (Lab Report for Extraction due on Session #7)	4
October 12	8	Distillation (Lab Report for Chromatography due on Session #8)	5
October 19	9	Midterm (Lab Report for Distillation due on Session #9)	
October 26	10	Isolation of Eugenol from cloves by distillation	6
November 2	11	Nucleophilic substitution reaction: S _N 1 and S _N 2 reactions (Lab Report for Isolation of Eugenol from cloves by distillation due on Session #11)	9
November 9	12	Alkene by Elimination (Lab Report for Nucleophilic substitution reaction: S _N 1 and S _N 2 reactions due on Session #12)	10 Part II only
November 16	13	The Grignard reaction: preparation of Benzoic acid (Lab Report for Alkene by Elimination due on Session #13)	11
November 23	14	Saponification of Fat (Lab Report for The Grignard reaction: preparation of Benzoic acid due on Session #14)	12
November 30	15	Final exam review The Grignard reaction: preparation of Benzoic acid (Lab Report for Saponification of Fat due on Session #15)	
December 7	16	Exam	