

Broward College-South Campus
Division of Natural Sciences/Chemistry

Organic Chemistry I - **LAB:** CHM 2210L, Spring 2024

Tuesday, 9:30 AM -12:20 PM (Ref # **724524**) - Lab – 66-002050

LAB SCHEDULE (Tentative)

The schedule below is a **preliminary** outline of the semester. It is **your responsibility** to keep up with changes to this schedule.

Date	Lab #	Title of Experiments	Experiment #/page #
Jan. 09	1 st day	Introduction, Safety, and Equipment Check in	First day
Jan. 16	1	Physical Properties of Organic Molecules	1, Parts 1 and 3
Jan. 23	2	Recrystallization	2
Jan. 30	3	Extraction	3
Feb. 06	4	Chromatography (TLC)/ Chromatography (Column)	4, Part 1 & 2 (TLC and column)
Feb. 13	5	Distillation	5
Feb 20	<u>Exam</u>	Mid-Term Exam	Exam-(Exp. 1 parts 1 and 3, 2, 3, 4 part-1 and 2, & 5)
Feb. 27	6	Isolation of Eugenol from cloves by distillation	6
Mar. 05	<u>No Lab</u>	Spring Break	Holiday
Mar. 12	7	Nucleophilic substitution reaction: S _N 1 and S _N 2 reactions	9
Mar. 19	8	Alkene by Elimination	10
Mar. 26	9	The Grignard reaction: preparation of Benzoic acid	11
Apr. 02	10	Saponification of Fat: The preparation of Soap from Shortening	12
Apr. 09	11	<u>Pre final exam/Final exam review and equipment check out</u>	<u>Prefinal exam/</u> <u>Final exam Review</u>
Apr. 16	<u>Exam</u>	<u>Final Exam</u>	<u>Final Exam (Exp. 6, 9, 10, 11, & 12)</u>

Important Dates:

March 22nd.....Last Day to Withdraw/Audit from any Class