

**Broward College-South Campus**  
Division of Natural Sciences/Chemistry

Organic Chemistry II - **LAB:** CHM 2211L, Spring 2024

Monday, 12:30 PM -3:20 PM (Ref # **724526** - 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 #
January 08	1 <sup>st</sup> day	Introduction, Safety, and Equipment Check in	
<b>January 15</b>	<b>No Lab</b>	<b>Martin Luther King- Birthday- Holiday</b>	<b>Holiday</b>
January 22	1	Green Oxidation of Borneol to Camphor	13 (page-189)
January 29	2 and 3	Infrared Spectroscopy and Nuclear Magnetic Resonance Spectroscopy	14 (page-201) 15 (page -219)
February 05	4	Diels Alder reaction	16 (page -237)
February 12	5	Nitration of Methyl Benzoate	17 (page -245)
February 19	<u><b>exam</b></u>	<u><b>Mid – Term Exam</b></u>	<u><b>13/14/15/16/&amp;17</b></u>
February 26	6	Fischer Esterification	18 (page-255)
<b>March 04</b>	<b>No Lab</b>	<b>Spring-Break</b>	<b>Holiday</b>
March 11	7	Analgesics and Synthesis of Aspirin	19 (page-265)
March 18	8	Synthesis of OFF – An Insect Repellent	20 (page-277)
March 25	9	The aldol Condensation Reaction	21 (page -289)
April 01	10	The Chemistry of the Functional groups- Classification tests	23 (page-321)
April 08	Rev	Equipment Check out / Review for final Exam <u>Prefinal exam (40 points)</u>	Review/Prefinal exam
<b>April 15</b>	<u><b>exam</b></u>	<u><b>Final Exam</b></u>	<u><b>Cumulative Final 18/19/20/21/&amp;23</b></u>

**Important Date:**

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

***STUDENTS ARE REQUIRED TO PURCHASE A LAB MANUAL FOR THE FIRST LAB.***