

## CH 202L: Organic Chemistry I Laboratory Spring 2024

URL <http://www.southalabama.edu/colleges/artsandsci/chemistry/laboratories.html>

Session	Date	Exp. #	Topic	Deliverable
	<b>Jan 15</b>		<b>MLK Day - No Labs</b>	
1	Jan 16 - 22		Check-in/Orientation/Safety*	
2	Jan 23 - 29	25 & Online	Reduction of Methyl Oleate (Pairs)	IR
3	Jan 30 - Feb 5	31B	Reduction of Camphor to Isoborneol	MP/IR/NMR
4	Feb 6 - 12	43	Methyl Salicylate: Part 1 (Preparation)	IR
	<b>Feb 13 - 16</b>		<b>Mardi Gras - No Labs</b>	
5	Feb 19 - 23	43	Methyl Salicylate: Part 2 (Distillation)	IR
6	Feb 26 - Mar 1	40	Relative Reactivities of Several Aromatic Compounds (Note: For prelab, use acetanilide as reactant.)	MP
	<b>Mar 4 - 8</b>		<b>Spring Break - No Labs</b>	
7	Mar 11 - 15	41 & Online	Nitration of Methyl Benzoate	MP/IR/NMR
8	Mar 18 - 22	37	Aldol Condensation Reaction (Note: For prelab, use 3-nitrobenzaldehyde as reactant.)	MP/IR
9	Mar 25 - 29	47	Diels–Alder Reaction AND Select Practicum Experiment	MP/IR/NMR
10	Apr 1 - 5	33A & Online	Preparation of Triphenylmethanol (Note: For prelab, the Grignard reagent (3.0M) will be provided) AND Submit First Typed Draft of Practicum Prelab	MP/IR
	<b>Apr 5</b>		<b>Last Day to Drop</b>	
11	Apr 8 - 12	32C	Preparation of Benzilic Acid	MP/IR
12	Apr 15 - 19	46 & Online	Preparation and Properties of Polymers AND Submit Final Typed Practicum Prelab AND <b>**Check-out of Laboratory</b>	IR
13	Apr 22 - 26		PRACTICUM	

**\*\*RETURN YOUR CHECK-OUT SHEET TO THE STOCKROOM AND GET YOUR LAB RECORD CLEARED OR YOU WILL BE CHARGED A \$50.00 PENALTY FEE.**

**NOTES: \* 1. YOU MUST ATTEND THE SCHEDULED SAFETY ORIENTATION SESSION TO BE ALLOWED TO WORK IN THE LABORATORY.**

2. ALL monetary charges accrued through the Stockroom will be charged to your PAWS account.

**\*\* 3. Check-out is to be completed by the start of the last session that YOUR lab section meets, PRIOR to the Practicum.**

4. Return Check-out Sheet to the stockroom to complete check-out.

9.7.2023 Clements