

## CH 202L: Organic Chemistry I Laboratory Fall 2022

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

Session	Date	Exp. #	Topic	Deliverable
1	Aug 22 - 26		Check-in/Orientation/Safety*	
2	Aug 29 - Sep 2	25 & Online	Reduction of Methyl Oleate (Pairs)	IR
	<b>Sep 5</b>		<b>Labor Day - No Labs</b>	
3	Sep 6 - 12	31B	Reduction of Camphor to Isoborneol	MP/IR
4	Sep 13 - 19	43	Methyl Salicylate: Part 1 (Preparation)	IR
5	Sep 20 - 26	43	Methyl Salicylate: Part 2 (Distillation)	IR
6	Sep 27 - Oct 3	40	Relative Reactivities of Several Aromatic Compounds (Note: For prelab, use acetanilide as reactant.)	MP
	<b>Oct 4 - 7</b>		<b>Fall Break - No Labs</b>	
7	Oct 10 - 14	41 & Online	Nitration of Methyl Benzoate	MP/IR/NMR
8	Oct 17 - 21	37	Aldol Condensation Reaction (Note: For prelab, use 3-nitrobenzaldehyde as reactant.)	MP/IR
9	Oct 24 - 28	47	Diels–Alder Reaction AND Select Practicum Experiment	MP/IR
	<b>Oct 28</b>		<b>Last Day to Drop (4:59 PM)</b>	
10	Oct 31 - Nov 4	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
11	Nov 7 - 11	32C	Preparation of Benzilic Acid	MP/IR
12	Nov 14 - 18	46 & Online	Preparation and Properties of Polymers AND Submit Final Typed Practicum Prelab AND <b>**Check-out of Laboratory</b>	IR
	<b>Nov 21 - 25</b>		<b>No Labs</b>	
13	Nov 28 - Dec 2		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.

7.6.2022 Clements