

## CH 202L: Organic Chemistry I Laboratory Fall 2025

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

Session	Date	Exp. #	Topic	Deliverable
1	Aug 25 - 29		Check-in/Orientation/Safety*	
	<b>Sept 1</b>		<b>Labor Day – No Labs</b>	
2	Sept 2 - 8	25 & Online	Reduction of Methyl Oleate (Pairs)	IR
3	Sept 9 - 15	31B	Reduction of Camphor to Isoborneol	MP/IR/NMR
4	Sept 16 - 22	43	Preparation of Isopentyl Acetate	IR
5	Sept 23 - 29	43	Methyl Salicylate: Part 2 (Distillation)	IR
6	Sept 30 - Oct 6	40	Relative Reactivities of Several Aromatic Compounds (Note: For prelab, use acetanilide as reactant.)	MP
	<b>Oct 7 - 10</b>		<b>Fall Break – No Labs</b>	
7	Oct 13 - 17	41 & Online	Nitration of Methyl Benzoate	MP/IR/NMR
8	Oct 20 - 24	37	Aldol Condensation Reaction (Note: For prelab, use 3-nitrobenzaldehyde as reactant.) Select Practicum Experiment	MP/IR
9	Oct 27 - 31	47	Diels–Alder Reaction AND Submit First Typed Draft of Practicum Prelab	MP/IR/NMR
10	Nov 3 - 7	33A & Online	Preparation of Triphenylmethanol (Note: For prelab, the Grignard reagent (3.0M) will be provided)	MP/IR
11	Nov 10 - 14	32C	Preparation of Benzilic Acid	
12	Nov 17 - 21		PRACTICUM	IR
	<b>Nov 24 - 28</b>		<b>Thanksgiving Break – No Labs</b>	
13	Dec 1 - 5	46 & Online	Preparation and Properties of Polymers & Submit Final Typed Practicum Prelab & <b>**Check-out of Laboratory</b>	MP/IR

**\*\*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.

5.6.2025 Clements