

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*	
	Sept 1		Labor Day – No Labs	
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
	Oct 7 - 10		Fall Break – No Labs	
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
	Nov 24 - 28		Thanksgiving Break – No Labs	
13	Dec 1 - 5	46 & Online	Preparation and Properties of Polymers & Submit Final Typed Practicum Prelab & **Check-out of Laboratory	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.**
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- 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