

CH 202L: Organic Chemistry I Laboratory Fall 2024

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

Session	Date	Exp. #	Topic	Deliverable
1	Aug 26 – 30		Check-in/Orientation/Safety*	
	Sept 2		Labor Day – No Labs	
2	Sept 3 – 9	25 & Online	Reduction of Methyl Oleate (Pairs)	IR
3	Sept 10 – 16	31B	Reduction of Camphor to Isoborneol	MP/IR/NMR
4	Sept 17 – 23	43	Methyl Salicylate: Part 1 (Preparation)	IR
5	Sept 24 – 30	43	Methyl Salicylate: Part 2 (Distillation)	IR
6	Oct 1 – 7	40	Relative Reactivities of Several Aromatic Compounds (Note: For prelab, use acetanilide as reactant.)	MP
	Oct 8 – 11		Fall Break – No Labs	
7	Oct 14 – 18	41 & Online	Nitration of Methyl Benzoate	MP/IR/NMR
8	Oct 21 – 25	37	Aldol Condensation Reaction (Note: For prelab, use 3-nitrobenzaldehyde as reactant.)	MP/IR
9	Oct 28 – Nov 1	47	Diels–Alder Reaction AND Select Practicum Experiment	MP/IR/NMR
	Nov 1		Last Day to Drop	
10	Nov 4 – 8	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 11 – 15	32C	Preparation of Benzilic Acid	MP/IR
12	Nov 18 – 22	46 & Online	Preparation and Properties of Polymers AND Submit Final Typed Practicum Prelab AND **Check-out of Laboratory	IR
	Nov 25 – 29		Thanksgiving – No Labs	
13	Dec 2 – 6		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.