

CH 202L: Organic Chemistry I Laboratory Summer 2025

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

Session	Date	Exp. #	Topic	Deliverable
1	Jun 9 – 10		Check-in/Orientation/Safety*	
2	Jun 11 – 12	25 & Online	Reduction of Methyl Oleate (Pairs)	IR
3	Jun 16 – 17	31B	Reduction of Camphor to Isoborneol	MP/IR/NMR
	Jun 18 – 19		Juneteenth – No Labs	
4	Jun 23 – 24	43	Methyl Salicylate: Part 1 (Preparation)	IR
5	Jun 25 – 26	43	Methyl Salicylate: Part 2 (Distillation)	IR
6	Jun 30 – Jul 1	40	Relative Reactivities of Several Aromatic Compounds (Note: For prelab, use acetanilide as reactant.)	MP
7	Jul 2 – 3	41 & Online	Nitration of Methyl Benzoate	MP/IR/NMR
8	Jul 7 – 8	37	Aldol Condensation Reaction (Note: For prelab, use 3-nitrobenzaldehyde as reactant.) Select Practicum Experiment	MP/IR
9	Jul 9 – 10	47	Diels–Alder Reaction AND Submit First Typed Draft of Practicum Prelab	MP/IR/NMR
10	Jul 14 - 15	33A & Online	Preparation of Triphenylmethanol (Note: For prelab, the Grignard reagent (3.0M) will be provided)	MP/IR
11	Jul 16 – 17	32C	Preparation of Benzilic Acid	
12	Jul 21 – 22		PRACTICUM	IR
13	Jul 23 – 24	46 & Online	Preparation and Properties of Polymers AND Submit Final Typed Practicum Prelab AND **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.

****** 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