

CH 202L: Organic Chemistry I Laboratory Spring 2025

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

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

8.26.2024 Clements