

## CH 202L: Organic Chemistry I Laboratory Summer 2024

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

Session	Date	Exp. #	Topic	Deliverable
1	Jun 3 -4		Check-in/Orientation/Safety*	
2	Jun 5 - 6	25 & Online	Reduction of Methyl Oleate (Pairs)	IR
3	Jun 10 - 11	31B	Reduction of Camphor to Isoborneol	MP/IR/NMR
4	Jun 12 - 13	43	Methyl Salicylate: Part 1 (Preparation)	IR
5	Jun 17 - 18	43	Methyl Salicylate: Part 2 (Distillation)	IR
	<b>Jun 19 - 20</b>		<b>Juneteenth - No Labs</b>	
6	Jun 24 - 25	40	Relative Reactivities of Several Aromatic Compounds (Note: For prelab, use acetanilide as reactant.)	MP
7	Jun 26 - 27	41 & Online	Nitration of Methyl Benzoate	MP/IR/NMR
8	Jul 1 - 2	37	Aldol Condensation Reaction (Note: For prelab, use 3-nitrobenzaldehyde as reactant.)	MP/IR
	<b>Jul 3 - 4</b>		<b>Independence Day - No Labs</b>	
9	Jul 8 - 9	47	Diels-Alder Reaction AND Select Practicum Experiment	MP/IR/NMR
10	Jul 10 - 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
11	Jul 15 - 16	32C	Preparation of Benzilic Acid	MP/IR
12	Jul 17 - 18	46 & Online	Preparation and Properties of Polymers AND Submit Final Typed Practicum Prelab AND <b>**Check-out of Laboratory</b>	IR
13	Jul 22 - 23		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.

3/27/2024 Clements