

## CH 202L: Organic Chemistry II Laboratory Spring 2022

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

Session	Date	Exp. #	Topic	Deliverable
1	Jan 18 - 24		Check-in/Orientation/Safety*	
2	Jan 25 - 31	25 & Online	Reduction of Methyl Oleate (Pairs)	IR
3	Feb 1 - 7	31B	Reduction of Camphor to Isoborneol	MP/IR
4	Feb 8 - 14	43	Methyl Salicylate: Part 1 (Preparation)	IR
5	Feb 15 - 21	43	Methyl Salicylate: Part 2 (Distillation)	IR
	<b>Feb 22 - 25</b>		<b>No Labs</b>	
	<b>Feb 28 - Mar 4</b>		<b>No Labs (Spring Break and Mardi Gras)</b>	
6	Mar 7 - 11	40	Relative Reactivities of Several Aromatic Compounds (Note: For prelab, use Acetanilide as reactant)	MP
7	Mar 14 - 18	41 & Online	Nitration of Methyl Benzoate	MP/IR/NMR
8	Mar 21 - 25	37	Aldol Condensation Reaction (Note: For prelab, use 3-Nitrobenzaldehyde as reactant)	MP/IR
9	Mar 28 - Apr 1	47	Diels-Alder Reaction AND Select Practicum Experiment	MP/IR
	<b>Apr 1</b>		<b>Last Day to Drop</b>	
10	Apr 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	Apr 11 - 15	32C	Preparation of Benzilic Acid	MP/IR
12	Apr 18 - 22	46 & Online	Preparation and Properties of Polymers AND Submit Final Typed Practicum Prelab AND <b>**Check-out of Laboratory</b>	IR
13	Apr 25 - 29		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.