

CH 202L: Organic Chemistry II Laboratory Spring 2026

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

Session	Date	Exp. #	Topic	Deliverable
1	Jan 12 & Jan 20 - 23		Check-in/Orientation/Safety* CH202L-501(CRN21123) starts Mon Jan 12@6:00pm. Other sections begin the following week, Jan 20-23.	
2	Jan 26 - 30	25 & Online	Reduction of methyl oleate (PAIRS)	IR
3	Feb 2 - 6	31B	Reduction of camphor to isoborneol	MP/IR/NMR
4	Feb 9 - 13	Online	Preparation of isopentyl acetate	IR
	Feb 16 - 20		Mardi Gras Break - No Labs	
5	Feb 23 - 27	43	Methyl salicylate distillation	IR
6	Mar 2 - 6	40	Relative reactivities of several aromatic compounds (Note: For prelab, use acetanilide as reactant.)	MP
	Mar 9 - 13		Spring Break - No Labs	
7	Mar 16 - 20	41 & Online	Nitration of methyl benzoate	MP/IR/NMR
8	Mar 23 - 27	37	Aldol condensation reaction (Note: For prelab, use 3-nitrobenzaldehyde as reactant.) Select practicum experiment.	MP/IR
9	Mar 30 – Apr 3	47	Diels-Alder reaction AND Submit first typed draft of practicum prelab.	MP/IR/NMR
10	Apr 6 - 10	33A & Online	Preparation of triphenylmethanol (Note: For prelab, the Grignard reagent (3.0M) will be provided.)	MP/IR
11	Apr 13 - 17	32C	Preparation of benzoic acid AND Submit final typed practicum prelab	IR
12	Apr 20 - 24		PRACTICUM	MP/IR
13	Apr 27 – May 1	46 & Online	Preparation and properties of polymers AND **Check-out of Laboratory	

**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: ***
- YOU MUST ATTEND THE SCHEDULED SAFETY ORIENTATION SESSION TO BE ALLOWED TO WORK IN THE LABORATORY.**
 - ALL monetary charges accrued through the Stockroom will be charged to your PAWS account.
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- Check-out is to be completed at the end of the final laboratory class.
 - Return Check-out Sheet to the stockroom to complete check-out.

8.27.2025 Clements