

CH 201L: Organic Chemistry I Laboratory Fall 2026

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

Session	Date	Exp. #	Topic	Deliverable
1	Aug 24-28		Check-in/Orientation/Safety*	
2	Aug 31- Sep 4	Online	Determination of Melting Points	MP
	Sep 7		No Labs – Labor Day	
3	Sep 8-14	3A & B	Recrystallization: Purification of Sulfanilamide	MP
4	Sep 15-21	6D, then 6A	Chromatography: Fluorene/Fluorenone	MP/TLC
5	Sep 22-28	Online	Part 1: Extraction of a Three Component Mixture	MP
6	Sep 29-Oct 5	Online	Part 2: Extraction of a Three Component Mixture	MP
	Oct 6-12		No Labs – Fall Break	
7	Oct 13-19	13A	Isolation of Caffeine from Tea (PAIRS)	MP/IR
8	Oct 20-26	7B & Online	Simple Distillation (PAIRS) (Note: For prelab, 2-methylpentane and heptane will be separated)	GC
9	Oct 27-Nov 2	23D	Synthesis of t-Pentyl Chloride	IR/NMR
10	Nov 3-9	24A	Synthesis of 4-methylcyclohexene	IR/NMR
11	Nov 10-16	21	Reactivities of Some Alkyl Halides: Part 1 (Note: For prelab, use NaI as reagent (S_N2))	
12	Nov 17-23	21	Reactivities of Some Alkyl Halides: Part 2 (Note: For prelab, use $AgNO_3$ as reagent (S_N1)) AND **Check-out of Laboratory	
	Nov 24-27		No Labs - Thanksgiving	
13	Nov 30-Dec 4		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: ***
- 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 by the start of the last session that YOUR lab section meets, PRIOR to the Practicum.
 - Return Check-out Sheet to the stockroom to complete check-out.

8.27.2025 Clements