

CH 201L: Organic Chemistry I Laboratory Summer 2025

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

Session	Date	Exp. #	Topic	Deliverable
1	Jun 9 – 10		Check-in/Orientation/Safety*	
2	Jun 11 – 12	Online	Determination of Melting Points	MP
3	Jun 16 – 17	3A & B	Recrystallization: Purification of Sulfanilamide	MP
	Jun 18 – 19		Juneteenth – No Labs	
4	Jun 23 – 24	6D, then 6A	Chromatography: Fluorene/Fluorenone	MP/TLC
5	Jun 25 – 26	Online	Part 1: Extraction of a Three Component Mixture	MP
6	Jun 30 – Jul 1	Online	Part 2: Extraction of a Three Component Mixture	MP
7	Jul 2 – 3	13A	Isolation of Caffeine from Tea (PAIRS)	MP/IR
8	Jul 7 – 8	7B & Online	Simple Distillation (PAIRS) (Note: For prelab, 2-methylpentane and heptane will be separated)	GC
9	Jul 9 – 10	23D	Synthesis of t-Pentyl Chloride	IR/NMR
10	Jul 14 - 15	24A	Synthesis of 4-methylcyclohexene	IR/NMR
11	Jul 16 – 17	21	Reactivities of Some Alkyl Halides: Part 1 (Note: For prelab, use NaI as reagent (S _N 2))	
12	Jul 21 – 22	21	Reactivities of Some Alkyl Halides: Part 2 (Note: For prelab, use AgNO ₃ as reagent (S _N 1)) AND **Check-out of Laboratory	
13	Jul 23 – 24		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.**
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- 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.**

5.6.2025 Clements