

CH 201L: Organic Chemistry I Laboratory Spring 2025

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

Session	Date	Exp. #	Topic	Deliverable
	Jan 20		MLK Day - No Labs	
1	Jan 21 - 27		Check-in/Orientation/Safety*	
2	Jan 28 - Feb 3	Online	Determination of Melting Points	MP
3	Feb 4 - 10	3A & B	Recrystallization: Purification of Sulfanilamide	MP
4	Feb 11 - 17	6D, then 6A	Chromatography: Fluorene/Fluorenone	MP/TLC
5	Feb 18 - 24	Online	Part 1: Extraction of a Three Component Mixture	MP
	Feb 25 - Mar 10	Online	Part 2: Extraction of a Three Component Mixture	MP
6	Mar 3 - 7		Spring Break - No Labs	
	Mar 11 - 17	13A	Isolation of Caffeine from Tea (PAIRS)	MP/IR
7	Mar 18 - 24	7B & Online	Simple Distillation (PAIRS) (Note: For prelab, 2-methylpentane and heptane will be separated)	GC
8	Mar 25 - 31	23D	Synthesis of t-Pentyl Chloride	IR/NMR
9	Apr 1 - 7	24A	Synthesis of 4-methylcyclohexene	IR/NMR
10	Apr 8 - 11		No Labs	
	Apr 11		Last Day to Drop	
11	Apr 14 - 18	21	Reactivities of Some Alkyl Halides: Part 1 (Note: For prelab, use NaI as reagent (S _N 2))	
12	Apr 21 - 25	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	Apr 28 - May 2		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.