

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 27 - 31		Check-in/Orientation/Safety*	
2	Feb 3 - 7	Online	Determination of Melting Points	MP
3	Feb 10 - 14	3A & B	Recrystallization: Purification of Sulfanilamide	MP
4	Feb 17 - 21	6D, then 6A	Chromatography: Fluorene/Fluorenone	MP/TLC
5	Feb 24 - 28	Online	Part 1: Extraction of a Three Component Mixture	MP
	Mar 3 - 7		Spring Break - No Labs	
6	Mar 10 - 14	Online	Part 2: Extraction of a Three Component Mixture	MP
7	Mar 17 - 21	13A	Isolation of Caffeine from Tea (PAIRS)	MP/IR
8	Mar 24 - 28	7B & Online	Simple Distillation (PAIRS) (Note: For prelab, 2-methylpentane and heptane will be separated)	GC
9	Mar 31 - Apr 4	23D	Synthesis of t-Pentyl Chloride	IR/NMR
10	Apr 7 - 11	24A	Synthesis of 4-methylcyclohexene	IR/NMR
	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.

8.26.2024 Clements