

CH 201L: Organic Chemistry I Laboratory Spring 2024

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

Session	Date	Exp. #	Topic	Deliverable
	Jan 15		MLK Day - No Labs	
1	Jan 16 - 22		Check-in/Orientation/Safety*	
2	Jan 23 - 29	Online	Determination of Melting Points	MP
3	Jan 30 - Feb 5	3A & B	Recrystallization: Purification of Sulfanilamide	MP
4	Feb 6 - 12	6D, then 6A	Chromatography: Fluorene/Fluorenone	MP/TLC
	Feb 13 - 16		Mardi Gras - No Labs	
5	Feb 19 - 23	Online	Part 1: Extraction of a Three Component Mixture	MP
6	Feb 26 - Mar 1	Online	Part 2: Extraction of a Three Component Mixture	MP
	Mar 4 - 8		Spring Break - No Labs	
7	Mar 11 - 15	13A	Isolation of Caffeine from Tea (PAIRS)	MP/IR
8	Mar 18 - 22	7B & Online	Simple Distillation (PAIRS) (Note: For prelab, 2-methylpentane and heptane will be separated)	GC
9	Mar 25 - 29	23D	Synthesis of t-Pentyl Chloride	IR/NMR
10	Apr 1 - 5	24A	Synthesis of 4-methylcyclohexene	IR/NMR
	Apr 5		Last Day to Drop	
11	Apr 8 - 12	21	Reactivities of Some Alkyl Halides: Part 1 (Note: For prelab, use NaI as reagent (S_N2))	
12	Apr 15 - 19	21	Reactivities of Some Alkyl Halides: Part 2 (Note: For prelab, use $AgNO_3$ as reagent (S_N1)) AND **Check-out of Laboratory	
13	Apr 22 - 26		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.

9.7.2023 Clements