

CH 132L: General Chemistry II Laboratory Fall 2025

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

Session	Date	Exp. #	Topic
1	Aug 25 – 29		Check-in, Orientation, & Safety*
	Sept 1		Labor Day – No Labs
2	Sept 2 – 8	Lab 21	A Review of Basic Lab Techniques
3	Sept 9 – 15	Lab 22	Determination of Molar Mass from FPD
4	Sept 16 – 22	Lab 23	Absorption Spectrophotometry of $\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$
5	Sept 23 – 29	Lab 24	Chemical Kinetics
6	Sept 30 – Oct 6	Lab 25	Chemical Equilibrium
	Oct 8 – 10 & 14		Fall Break & Football - No Labs
7	Oct 7 – 17	Lab 26A	Qualitative Analysis- A Study of Cations
8	Oct 20 – 24	Lab 26B	Qualitative Analysis- A Study of Anions
9	Oct 27 – 31	Lab 26C	Qualitative Analysis- ID a Common Salt
10	Nov 3 – 7	Lab 27	Titration of a Polyprotic Weak Acid
11	Nov 10 – 14	Lab 28	Determination of a Buffer Capacity
12	Nov 17 – 21	Lab 29	Electrochemistry / Practicum Review
	Nov 24 – 28		Thanksgiving Break – No Labs
13	Dec 1 – 5		Final Exam and Check Out

****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 must 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.

REV 9/30/2025