

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 7 – 10 | | Fall Break – No Labs |
| 7 | Oct 13 – 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.