

## CH 132L: General Chemistry II Laboratory Fall 2022

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

| Session | Date               | Exp. #  | Topic   |
|---------|--------------------|---------|---|
| 1       | Aug 22 - 26        |         | Check-in, Orientation, & Safety *   |
| 2       | Aug 29 – Sep 2     | Lab 21  | A Review of Basic Lab Techniques  |
|         | <b>Sep 5</b>       |         | <b>Labor Day – No Labs</b>  |
| 3       | Sep 6 - 12         | Lab 22  | Determination of Molar Mass from FPD                                      |
| 4       | Sep 13 - 19        | Lab 23  | Absorption Spectrophotometry of $\text{NiSO}_4 \cdot 6\text{H}_2\text{O}$ |
| 5       | Sep 20 - 26        | Lab 24  | Chemical Kinetics   |
| 6       | Sep 27 – Oct 3     | Lab 25  | Chemical Equilibrium  |
|         | <b>Oct 4 – 7</b>   |         | <b>Fall Break – No Labs</b>   |
| 7       | Oct 10 – Oct 14    | Lab 26A | Qualitative Analysis-A Study of Cations                                   |
| 8       | Oct 17 – Oct 21    | Lab 26B | Qualitative Analysis-A Study of Anions                                    |
| 9       | Oct 24 – Oct 28    | Lab 26C | Qualitative Analysis-ID a Common Salt                                     |
|         | <b>Oct 28</b>      |         | <b>Last Day to Drop (4:59 PM)</b>   |
| 10      | Oct 31 – Nov 4     | Lab 27  | Titration of a Polyprotic Weak Acid                                       |
| 11      | Nov 7 – Nov 11     | Lab 28  | Determination of a Buffer Capacity  |
| 12      | Nov 14 - 18        | Lab 29  | Electrochemistry / Practicum Review and Check Out                         |
|         | <b>Nov 21 – 25</b> |         | <b>No Labs</b>  |
| 13      | Nov 28 – Dec 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 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.