

CHEMISTRY 105, Summer 2024

Experiment Dates –

| Experiment | Date |
|--|------|
| NO LAB –Course Policy, Safety Video/Quiz OPEN for completion | 6/11 |
| Lab 0: Laboratory Orientation and Safety (MANDATORY) | 6/13 |
| Lab 1: Selecting the Correct Mohr Pipet | 6/18 |
| Lab 2: Standardizing a Solution | 6/20 |
| Lab 3: Buffers | 6/25 |
| NO LAB | 6/27 |
| Lab 4: Molecule Maker Lab (MMLI) | 7/02 |
| NO LAB - Holiday | 7/04 |
| Lab 5: Gibbs Free Energy | 7/09 |
| Lab 6: Electrochemistry | 7/11 |
| Lab 7: Pre-Activity – Determining the pKa of an Acid (Lab will meet in 1025 Chem Annex for this day only) | 7/16 |
| Lab 8: Determining the pKa of Aspirin | 7/18 |
| NO LAB | 7/23 |
| Lab 9: Differential Rate Laws | 7/25 |
| Lab 10: Integrated Rate Laws | 7/30 |

PreLab HW Dates

All HW due by 11:59PM on Labflow

| PreLab HW For: | Due |
|--------------------------------|------|
| Lab 0(Policies/Safety)* | 6/13 |
| Lab 1(Mohr Pipet) | 6/18 |
| Lab 2 (Titrations) | 6/20 |
| Lab 3 (Buffers) | 6/25 |
| Lab 4 (MMLI) | 7/02 |
| Lab 5 (Free Energy) | 7/09 |
| Lab 6 (Electrochem) | 7/11 |
| Lab 7(pKa Aspirin PreActivity) | 7/16 |
| Lab 8 (pKa Aspirin) | 7/18 |
| Lab 9 (Diff Rate Law) | 7/25 |
| Lab 10 (Int Rate Law) | 7/30 |

PostLab HW Dates

All HW due by 11:59PM on Labflow

| PostLab HW For: | Due |
|--------------------------------|------|
| Lab 0(Policies/Safety)* | 6/18 |
| Lab 1(Mohr Pipet) | 6/20 |
| Lab 2 (Titrations) | 6/25 |
| Lab 3 (Buffers) | 7/02 |
| Lab 4 (MMLI) | 7/09 |
| Lab 5 (Free Energy) | 7/11 |
| Lab 6 (Electrochem) | 7/16 |
| Lab 7(pKa Aspirin PreActivity) | 7/18 |
| Lab 8 (pKa Aspirin) | 7/25 |
| Lab 9 (Diff Rate Law) | 7/30 |
| Lab 10 (Int Rate Law) | 7/31 |
| Bonus Assignment | 7/31 |

***Students must complete the Course Policy Assignment and Safety Quiz in order to attend Lab and gain access to the rest of the assignments in the course on LABFLOW.**