

# CHEM 146 Spring 2024 Schedule

Week	Dates	Lab	Modality	Assignment	Assignment Deadlines <i>(Official UA Time)</i>
1	Jan 10 - 19	Lab 1 At-Home Laboratory Safety	Online Only	Lab 1 Quiz (25 p)	Before 7 am <b>1-19-24</b>
2	Jan 22 - Feb 2	Lab 2 Flame Atomic Absorption Spectroscopy (FAAS)	Online Only	Lab 2 Quiz (5 p)	Before 7 am <b>1-22-24</b>
3				Lab 2 Worksheet (25 p)	Before 9 pm <b>2-2-24</b>
4	Feb 5 - 9	Lab 3 Thermochromic Equilibria	Online Only	Lab 3 Quiz (5 p)	Before 7 am <b>2-5-24</b>
				Lab 3 Worksheet (25 p)	Before 9 pm <b>2-9-24</b>
5	Feb 12 - 16	Lab 4 Acid-Base I: Titrimetric Determination of the Acetic Acid Concentration in Vinegar	At Home Hands-On	Lab 4 Quiz (5 p)	Before 7 am <b>2-12-24</b>
				Lab 4 Worksheet (25 p)	Before 9 pm <b>2-16-24</b>
6	Feb 19 - 23	Lab 5 Acid-Base II: Evaluating the Acid Neutralization Capacity of Commercial Antacids	At Home Hands-On	Lab 5 Quiz (5 p)	Before 7 am <b>2-19-24</b>
				Lab 5 Worksheet (25 p)	Before 9 pm <b>2-23-24</b>
7	Feb 26 - Mar 1	Lab 6 Acid-Base III: Determining $pK_a$ and Molar Mass by Weak Acid Titration	Online Only	Lab 6 Quiz (5 p)	Before 7 am <b>2-26-24</b>
				Lab 6 Worksheet (25 p)	Before 9 pm <b>3-1-24</b>
8	<b>Spring Recess (Mar 4 - 8)</b>				
9	Mar 11 - 15	Lab 7 Acid-Base IV: Preparing and Characterizing Buffered Solutions	At Home Hands-On	Lab 7 Quiz (5 p)	Before 7 am <b>3-11-24</b>
				Lab 7 Worksheet (25 p)	Before 9 pm <b>3-15-24</b>
10	Mar 18 - 22	Lab 8 Session 1 Kinetics I: Effect of Concentration on Rates	At Home Hands-On	Lab 8 Quiz (5 p)	Before 7 am <b>3-18-24</b>
11	Mar 25 - 29	Lab 8 Session 2 Kinetics II: Determining a Rate Law Experimentally		Lab 8 Worksheet (25 p)	Before 9 pm <b>3-29-24</b>
12	Apr 1 - 5	Lab 9 Electrochemistry I: Developing an Activity Series	At Home Hands-On	Lab 9 Quiz (5 p)	Before 7 am <b>4-1-24</b>
				Lab 9 Worksheet (25 p)	Before 9 pm <b>4-5-24</b>
13	Apr 8 - 12	Lab 10 Electrochemistry II: Voltaic Cells	At Home Hands-On	Lab 10 Quiz (5 p)	Before 7 am <b>4-8-24</b>
				Lab 10 Worksheet (25 p)	Before 9 pm <b>4-12-24</b>
14	Apr 15 - 19	Lab 11 Electrochemistry III: Calcium Ion Selective Electrode	Online Only	Lab 11 Quiz (5 p)	Before 7 am <b>4-15-24</b>
				Lab 11 Worksheet (25 p)	Before 9 pm <b>4-19-24</b>