

CHEM 146 Spring 2023 Schedule

Week	Dates	Lab	Modality	Assignment	Assignment Deadlines <i>(Official UA Time)</i>
1	Jan 11 - 20	Lab 1 At-Home Laboratory Safety	Online Only	Lab 1 Quiz (25 p)	Before 7 am 1-20-23
2	Jan 23 - Feb 3	Lab 2 Flame Atomic Absorption Spectroscopy (FAAS)	Online Only	Lab 2 Quiz (5 p)	Before 7 am 1-23-23
3				Lab 2 Worksheet (25 p)	Before 9 pm 2-3-23
4	Feb 6 - 10	Lab 3 Thermochromic Equilibria	Online Only	Lab 3 Quiz (5 p)	Before 7 am 2-6-23
				Lab 3 Worksheet (25 p)	Before 9 pm 2-10-23
5	Feb 13 - 17	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 2-13-23
				Lab 4 Worksheet (25 p)	Before 9 pm 2-17-23
6	Feb 20 - 24	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 2-20-23
				Lab 5 Worksheet (25 p)	Before 9 pm 2-24-23
7	Feb 27 - Mar 3	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 2-27-23
				Lab 6 Worksheet (25 p)	Before 9 pm 3-3-23
8	Spring Recess (Mar 6 - 10)				
9	Mar 13 - 17	Lab 7 Acid-Base IV: Preparing and Characterizing Buffered Solutions	At Home Hands-On	Lab 7 Quiz (5 p)	Before 7 am 3-13-23
				Lab 7 Worksheet (25 p)	Before 9 pm 3-17-23
10	Mar 20 - 24	Lab 8 Session 1 Kinetics I: Effect of Concentration on Rates	At Home Hands-On	Lab 8 Quiz (5 p)	Before 7 am 3-20-23
11	Mar 27 - 31	Lab 8 Session 2 Kinetics II: Determining a Rate Law Experimentally		Lab 8 Worksheet (25 p)	Before 9 pm 3-31-23
12	Apr 3 - 7	Lab 9 Electrochemistry I: Developing an Activity Series	At Home Hands-On	Lab 9 Quiz (5 p)	Before 7 am 4-3-23
				Lab 9 Worksheet (25 p)	Before 9 pm 4-7-23
13	Apr 10 - 14	Lab 10 Electrochemistry II: Voltaic Cells	At Home Hands-On	Lab 10 Quiz (5 p)	Before 7 am 4-10-23
				Lab 10 Worksheet (25 p)	Before 9 pm 4-14-23
14	Apr 17 - 21	Lab 11 Electrochemistry III: Calcium Ion Selective Electrode	Online Only	Lab 11 Quiz (5 p)	Before 7 am 4-17-23
				Lab 11 Worksheet (25 p)	Before 9 pm 4-21-23