

CHEM 146 Summer 2025 Schedule

Week	Dates	Lab	Modality	Assignment	Assignment Deadlines <i>(Official UA Time)</i>
1	July 14	Safety Agreement	Online Only	-	Before 9 pm 7-16-25
	July 16	Lab 1 At-Home Laboratory Safety	Online Only	Lab 1 Quiz (25 p)	Before 9 pm 7-16-25
	July 18	Lab 2 Flame Atomic Absorption Spectroscopy (FAAS)	Online Only	Lab 2 Quiz (5 p)	Before 7 am 7-18-25
				Lab 2 Worksheet (25 p)	Before 9 pm 7-18-25
2	July 21	Lab 3 Acid-Base I: Titrimetric Determination of the Acetic Acid Concentration in Vinegar	At Home Hands-On	Lab 3 Quiz (5 p)	Before 7 am 7-21-25
				Lab 3 Worksheet (25 p)	Before 9 pm 7-21-25
	July 23	Lab 4 Acid-Base II: Evaluating the Acid Neutralization Capacity of Commercial Antacids	At Home Hands-On	Lab 4 Quiz (5 p)	Before 7 am 7-23-25
				Lab 4 Worksheet (25 p)	Before 9 pm 7-23-25
	July 25	Lab 5 Acid-Base III: Determining pK_a and Molar Mass by Weak Acid Titration	Online Only	Lab 5 Quiz (5 p)	Before 7 am 7-25-25
				Lab 5 Worksheet (25 p)	Before 9 pm 7-25-25
3	July 28	Lab 6 Acid-Base IV: Preparing and Characterizing Buffered Solutions	At Home Hands-On	Lab 6 Quiz (5 p)	Before 7 am 7-28-25
				Lab 6 Worksheet (25 p)	Before 9 pm 7-28-25
	July 30	Lab 7 Session 1 Kinetics I: Effect of Concentration on Rates	At Home Hands-On	Lab 7 Quiz (5 p)	Before 7 am 7-30-25
	August 1	Lab 7 Session 2 Kinetics II: Determining a Rate Law Experimentally		Lab 7 Worksheet (25 p)	Before 9 pm 8-1-25
4	August 4	Lab 8 Electrochemistry I: Developing an Activity Series	At Home Hands-On	Lab 8 Quiz (5 p)	Before 7 am 8-4-25
				Lab 8 Worksheet (25 p)	Before 9 pm 8-4-25
	August 6	Lab 9 Electrochemistry II: Voltaic Cells	At Home Hands-On	Lab 9 Quiz (5 p)	Before 7 am 8-6-25
				Lab 9 Worksheet (25 p)	Before 9 pm 8-6-25
	August 8	Lab 10 Electrochemistry III: Calcium Ion Selective Electrode	Online Only	Lab 10 Quiz (5 p)	Before 7 am 8-8-25
				Lab 10 Worksheet (25 p)	Before 9 pm 8-8-25