

Fall 2020 Schedule

General Chemistry I (CHM 1310G) and General Chemistry Laboratory I (CHM 1315G)

You must be enrolled in both CHM 1310G and CHM 1315G. If you drop, you must drop both courses. You cannot remain in lab if you drop lecture or vice versa.

Textbooks

CHM 1310G: *Chemistry: The Central Science*, custom edition for EIU, Brown, LeMay, Bursten, Murphy, Woodward, and Stoltzfus plus *Solutions to Red Exercises*. Obtain these items from TRS.

CHM 1315G: *Chemistry 1315: The Laboratory*. Purchase at the EIU Bookstore in the Martin Luther King Jr. Union. Cost: \$5.99. The lab manual is required for your first scheduled face-to-face lab meeting.*

Dates	CHM 1310G (lecture)	CHM 1315G (lab)	
8/24-28	Ch 1: Introduction: Matter and Measurement	Lab Orientation (Remote)	
8/31-9/4	Ch 2: Atoms, Molecules, and Ions	Group A*	Group B*
		Check- In Exp 1: Lab Tools: The Balance...	Remote Activity 1
9/7-11	Ch 3: Stoichiometry: Calculations with Chemical Formulas and Equations	Remote Activity 1	Check- In Exp 1: Lab Tools: The Balance...
9/14-18	Ch 3: continued	Exp 2: Chemical Equations: Mass Relationships	Remote Activity 2
9/21-25	Ch 4: Reactions in Aqueous Solutions	Remote Activity 2	Exp 2: Chemical Equations: Mass Relationships
9/28-10/2	Ch 4: continued	Exp 3: Properties and Composition of Air	Remote Activity 3
10/5-9	Ch 5: Thermochemistry	Remote Activity 3	Exp 3: Properties and Composition of Air
10/12-16	Ch 5: continued	Exp 4: Solution Stoichiometry: Acid-Base Titration	Remote Activity 4
10/19-23	Ch 6: Electronic Structure of Atoms	Remote Activity 4	Exp 4: Solution Stoichiometry: Acid Base Titration
10/26-30	Ch 6: continued Ch 7: Periodic Properties of the Elements	Exp 5: Chemical Equations: Energy Relationships	Remote Activity 5
11/2-6	Ch 7: continued Ch 8: Basic Concepts of Chemical Bonding	Groups A and B: Remote Activity 6	
11/9-13	Ch 8: continued	Remote Activity 5	Exp 5: Chemical Equations: Energy Relationships
11/16-20	Ch 9: Molecular Geometry and Bonding Theories	Groups A and B: Check-out	
11/23-27	Thanksgiving Break NO CLASSES		
11/30-12/4	Ch 10: Gases	Groups A and B: Remote Activity 7	
12/7-11	Ch 11: Liquids and Intermolecular Forces	Lab Final	

* Lab sections will be divided in half into Groups A and B to accommodate social distancing in lab. Groups meet for face-to-face lab on alternate weeks and perform a remote activity when not scheduled to meet face-to-face.