

This schedule is subject to change.

In Person Lecture	08:30 AM - 10:20 AM	Fridays	Location: SC1102
In Person Lab	10:30 AM - 1:20 PM	Fridays	Location: SC2208
Virtual Lecture	Recorded Lectures. 2 hours / week	Asynchronous	Videos posted on Canvas
Office Hours	3:00 PM – 4:45 PM	Thursdays	Zoom by appointment

WEEK	Friday's Date	Lecture Topics	Lab
1	4/12	Introduction and Chapter 1 Classification of Matter	CHECK-IN
2	4/19	Chapter 1 Scientific method, Strategies to solve problems.	MEASUREMENTS
3	4/26	Chapter 2 Atomic Theory, Atomic Mass, and The Periodic Table	DENSITY & GRAVITY
4	5/3	Chapter 3 Chemical Compounds	ATOMIC STRUCTURE & PERIODIC TABLE
5	5/10	Exam 1 Chapters 1 - 3 Chapter 4 Chemical Composition	IONIC COMPOUNDS
6	5/17	Chapter 5 Chemical Reactions and Equations	EMPIRICAL FORMULAS
7	5/24	Chapter 6 Quantities in Chemical Reactions	CHEMICAL REACTIONS
8	5/31	Exam 2 Chapters 4 - 6 Chapter 8 Chemical Bonding	MOLAR VOLUME
9	6/7	Chapter 9 The Gaseous State	COVALENT COMPOUNDS
10	6/14	Chapter 10 Changes of State and Intermolecular Forces	VINEGAR ANALYSIS
11	6/21	Review	CHECK-OUT
12	6/28		FINAL EXAM 9:15 AM to 11:15 AM

Student Learning Outcome(s):

- Assess the fundamental concepts of modern atomic and molecular theory.
- Evaluate the standard classes of chemical reactions.
- Demonstrate a fundamental understanding of mathematical concepts pertaining to chemical experimentation and calculations.

Office Hours:

TH 04:00 PM 05:00 PM Zoom By Appointment,