



# General Chemistry

First Semester/Term: 14 Labs

Version 1

## Introduction to Science

- Lab 1: Introduction to Science
- Lab 2: General Chemistry Lab Safety
- Lab 3: Chemical Nomenclature

## Fundamentals

- Lab 4: Compound Formulas
- Lab 5: Qualitative Analysis of Reactions
- Lab 6: Electron Configuration
- Lab 7: Chemical Bonding
- Lab 8: Gas Laws
- Lab 9: Enthalpy and Specific Heat
- Lab 10: Acid-Base Titrations
- Lab 11: Gravimetric Analysis
- Lab 12: Molar Mass and Freezing Point Depression
- Lab 13: Molar Volume of Gases
- Lab 14: Molar Mass and Vapor Density

## Appendix: Good Lab Techniques

