

COURSE OUTLINE

- I. Chemistry: Methods and Measurement (Chapter One)
- II. The Composition and Structure of the Atom (Chapter Two)
- III. Elements, Atoms, Ions, and the Periodic Table (Chapter Three)

EXAM I

- IV. Structure and Properties of Ionic and Covalent Compounds (Chapter Four)
- V. Calculations and the Chemical Equation (Chapter Five)
- VI. States of Matter: Gases, Liquids, and Solids (Chapter Six)

EXAM II

- VII. Reactions and Solutions (Chapter Seven)
- VIII. Chemical and Physical Change: Energy, Rate, and Equilibrium (Chapter Eight)
- IX. Charge-Transfer Reactions: Acids and Bases and Oxidation-Reduction (Chapter Nine)

If Time Permits

- X. The Nucleus, Radioactivity, and Nuclear Medicine (Chapter Ten)

EXAM III FINAL