• **Chemistry 1.1 (GMIT)**

  ◦ Front Matter
  ◦ 1: Atoms and Elements
  ◦ 2: Molecules, Compounds and Chemical Equations
  ◦ 3: Calculations with Chemical Equations and Solution Concentrations
  ◦ 4: Quantum Numbers
  ◦ 5: Electron Configurations
  ◦ 6: Lewis Structures
  ◦ 7: Chemical Kinetics
  ◦ 8: Chemical Equilibrium
  ◦ 9: Organic Chemistry
  ◦ Back Matter

• **Spectroscopy: Background Information on Electronic Structure of Atoms and Molecules**

  ◦ Front Matter
  ◦ 1: Chapter 1 - Electronic Structure of Atoms
  ◦ 2: Chapter 2 - Basics of Chemical Bonding
  ◦ 3: Chapter 3 - Molecular Shapes and Bonding Theories
  ◦ Back Matter