General Chemistry II - 1024

**Philosophy:** This course is a continuation of General Chemistry I. The student will study solutions, kinetics, equilibrium, pH, nuclear chemistry, electro chemistry, and other areas that will aid in the understanding of the facts and concepts that are of central importance in descriptive chemistry.

**Minimum Course Requirements:**

The student will explain, describe, discuss, recognize, and apply knowledge of the following:

- Intermolecular forces
- Properties of solutions
- Thermodynamics
- Chemical Kinetics
- Mechanisms of chemical reactions
- Acid/base theory
- Equilibrium of chemical reactions, including solubility
- Equilibrium of acid/base mixtures, including titration
- Oxidation-reduction
- Electrochemistry

**Assignments:**

Instructors will assign sufficient reading, exams and quizzes and other assignments to enable students to demonstrate their level of mastery in the knowledge of the above objectives and demonstrate competent math skills.

**Assessment:**

All instructors are expected to participate in the assessment of this course as directed by the lead instructor.

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