

# Chemistry 40S

Credit Value: 1.0

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Pre-requisite: Chemistry 30S

Course Description:

This is the final course in Chemistry at the high school level and pre-requisite for University courses. Students continue to explore facets of Chemistry and are introduced to new concepts in acids and bases, reaction rates, equilibrium systems, oxidation/reduction reactions and electrochemistry.

Core Topics:

- a) The Nature of Chemistry
- b) Kinetics
- c) Chemical Equilibrium
- d) Acid-Base Equilibria
- e) Solubility Equilibria
- f) Oxidation-Reduction

