

## General Chemistry II

Chemistry 122

Section: D100

Term: 2009 Fall

Instructor: Dr. C. Walsby

Discussion Topics: General Description:

Chemical Kinetics; Chemical Equilibria; Acids and Bases; Chemical Thermodynamics; Entropy & Free Energy; Electrochemistry.

2 lecture hours/week

Topics:

Chemical Kinetics.

Chemical Equilibria.

Acids and Bases.

Entropy and Free Energy.

Electrochemistry.

Grading: Mid-Term Exam 25%; Assignments 15%; Final Exam 60%.

Required Texts: Steven S. Zumdahl, "Chemical Principles", 6th Edition, 2009. Publishers: Houghton Mifflin Co.

Recommended Texts: None

Materials/Supplies: None

Prerequisite/Corequisite: Prerequisite: Chem 121 or 120 (or 102).

Corequisite: Math 152 (or 155) and Phys 121 (or 102) are recommended.

Students who intend to take further courses in physical or inorganic chemistry should take the laboratory course CHEM 126 concurrently with 122. Students may not count both CHEM 122 and CHEM 103 for credit.

Notes: None

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