

General Chemistry II

Chemistry 122

Section: D100

Term: 2001 Summer

Instructor: Dr. Gerardo Diaz.

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Discussion Topics: General Description:

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

2 lecture hours/week; CAPA; open tutorials.

Topics:

3 Weeks. Chemical Kinetics

2 Weeks. Chemical Equilibria

2 Weeks. Acids and Bases

3 Weeks. Entropy and Free Energy

3 Weeks. Electrochemistry

Grading: 1 Mid-Term Exam 25%; Assignments 10%; Final Exam 65%.

Required Texts: Steven S. Zumdahl, "Chemical Principles", 3rd Edition 1998. Publishers: Houghton Mifflin Co.

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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 expect to take further courses in physical or inorganic chemistry should take the laboratory course CHEM 126 concurrently

Notes: None

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