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Department of Chemistry

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Chemistry C2407x, 2003

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Homework Assignment 2

Chemical Kinetics

[Page references are to Oxtoby, 5th Edition. Page numbers in square brackets refer to the 4th Edition of Oxtoby.]

Lectures cover pages 433-446 [446-462] in Oxtoby (Sections 13.1-13.3); pages 450-51 [465-66] (Section 13.4); pages 452-456 [468-472] (Section 13.5); pages 461-462 [476-478] (Section 13.7)

Do Oxtoby Chapter 13 problems: 13.7, 13.9, 13.17, 13.31, 13.32, 13.33, 13.35, 13.39, 13.45, 13.46.

Suggested date for completing the above assignment: 10/9/03

Acid-Base Equilibria

Lectures cover pages 318-341 [314-339] in Oxtoby (Sections 10.1-10.5)

Do Oxtoby Chapter 10 Problems: 10.17, 10.18; 10.21, 10.22; 10.27, 10.28, 10.35, 10.36, 10.39, 10.46

Titrations (Recitation Exercise)

No lecture but material is covered in Oxtoby pages 341-346 [339-344] (Section 10.6)

Do Oxtoby Chapter 10 Problems: 10.54, 10.55

Suggested date for finishing: 10/17/03

This ends the material for exam 2 scheduled for 10/23/03.