

Columbia University in the City of New York
New York, N.Y.10027

Department of Chemistry

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Chemistry C2407x, 1998

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Homework Assignment 2

Chemical Kinetics

Lectures cover pages 446-462 in Oxtoby (Sections 13.1-13.3); pages 465-66 (Section 13.4); pages 468-472 (Section 13.5); pages 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: 10/11/98

Acid-Base Equilibria

Lectures cover pages 314-325; 329-334 in Oxtoby (Sections 10.1-10.3; 10.4)

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

Titration (Recitation Exercise)

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

Do Oxtoby Chapter 10 Problems: 10.54, 10.55

Suggested date for finishing: 10/28/98

This ends the material for exam 2.