

Chem 116 - Section 1
Spring, 2007
Assignment 11

Reading Assignment

Complete reading section Chapter 20. Read sections 20.7 (Batteries) and 20.8 (Corrosion) for interest only; i.e., you will not be responsible for this material on any test. To conclude the course, read Chapter 19.

Final Exam

The final exam in this course will be held on Thursday, May 24th in Lipke Auditorium from 11:30 am to 2:30 pm. A Practice Test and Study Guide have been posted under Information on the web site. The final exam is comprehensive, covering all material in the course, with special emphasis on electrochemistry (Chapter 20) and thermodynamics (Chapter 19), on which you have not yet been tested.

Homework Assignment

This assignment will be covered in lecture on the last day of class, Wednesday, May 16.

Chapter 20: 20.23*, 20.27, 20.31*, 20.33, 20.35, 20.37*, 20.39, 20.41, 20.45, 20.57, 20.59*, 20.61*, 20.85

Chapter 19: 19.21, 19.23 a & c only, 19.29 a only, 19.31, 19.33 a only, 19.47, 19.49, 19.51, 19.53, 19.63, 19.67 ($T_b = 80.1^\circ \text{C}$), 19.73, 19.75; 20.47 (a problem about the connection between, ΔG° , E° , and K)

* Also draw the standard cell diagram for each of these, as described in class.