Syllabus Chemistry 367 Introductory Inorganic Chemistry Fall 2007

Course:Section 01Time:10:00-10:50 MWFRoom:CFS 101Instructor:Dr. Richard E. Normannorman@shsu.eduOffice:CFS 317 A

Office Hours: MWF 8:00-8:50; 11:00-11:50 stop by or other times by appt Phone: 294-1527 (direct) Webpage: Under construction 294-1532 (dept)

Textbook: Descriptive Inorganic Chemistry

(required) James E. House and Kathleen A. House, 2001

Grading matters: I anticipate two "midterm" exams and a final with the following weighting:

midterm 1 25% (F Sep 28) midterm 2 25% (F Nov 9)

Final 50% (M Dec 10) 11:00 am-1:00 pm

The final is cumulative and comprehensive. No make-up exams will be given.

There may be additional non-graded assignments (worksheets).

Course Description

It is my initial intention to cover most of the textbook materials. Since the textbook is 501 pages long, and we have 44 class meetings, I should be covering 11+ pages per lecture. Most probably, I will edit as I go, with some materials receiving greater attention, and some none at all. Let me also point out that a lot of the material is review from general chemistry.

The catalog describes this course as "General principles of inorganic chemistry with an emphasis on descriptive and practical rather than mathematical approach. Periodic relationships of elements and bonding, reactions and synthesis of inorganic compounds, acid-base chemistry are studied." This is general enough that it ought to cover it. Wait and see.

Prerequisite: You are required to have earned a "C" or better in CHM 238.

Attendance: Required—I keep track but it does not directly affect your grade.

Grades: The exam weighting is given above. Grades will be assigned based on exam performance. A specific scale will not be pre-announced, but individual grades will be noted on the examinations when I return them.

General Matters: Please check your official University email address routinely. Also, make sure that you have a degree plan on file.

Additional Syllabi matters: please see http://www.shsu.edu/syllabus/ for official policy regarding Academic Dishonesty, Classroom Rules of Conduct, Student Absences on Religious Holy Days, Students with Disabilities Policy and Visitors in the Classroom.

Suggested Problems:

Chapter 1: 2,3,10,15,18-21.

Chapter 2: 1-5,7-10,13,15,20-28.

Chapter 3: 1,2,6,9,15,16.

Chapter 4: 13-16.

Chapter 5: 2,3,7,9-11,19,23,24.

Chapter 6: 11.

Chapter 7: 6,9-14.

Chapter 8: 7-10.

Chapter 9: 1,3,5,7,8,13,14.

Chapter 10: 1,4-6,8,10.

Chapter 11: 5,6,8.

Chapter 12: 4,6,7,11.

Chapter 13: 1,4,5,8.

Chapter 14: 1-6,8,9.

Chapter 15: 2,4,5,7,10.

Chapter 16: 2,6,12,15.

Chapter 17: 1,6,8.

Chapter 19: 1-6,10-13,15,18,22,23.