CHEMISTRY 7100: FALL 2017

TEXT: "Chemistry 7100 Notes," Ernst (required - available on canvas) "Inorganic Chemistry," Housecroft and Sharpe (recommended; available for perusal from the library reserve)

CLASS: M W F: 8:20 - 9:25 AM, ROOM 2010 HEB

INSTRUCTOR: Dr. Richard D. Ernst, OFFICE: HEB 2166, Consultation hours - generally open, but also by appointment

FINAL EXAM: Friday, October 6, 7:30 – 9:25 AM, ROOM 2010 HEB

PROBABLE ORDER OF TOPICS:
Crystal Field Theory (19, 20), Metal Carbonyls (23), Organometallic Chemistry (23, 26).


MISSED EXAMS:
No make-up exams will be given and all exams will be counted. In the event of an unavoidable problem a written excuse with documentation (doctor’s letter, obituary announcement, etc.) is necessary to avoid an exam grade of 0. If at all possible, notification must be made prior to the time of the exam, and as early as possible in the event of an arguable excuse (traveling, etc.). The midterm exam date will be announced in class about one week or so in advance. Students are expected to be aware of these and any other announcements made in class. Any incident of academic dishonesty could result in a grade of E.

EXAMINATIONS:
Calculators and other electronic devices will not be needed for any of our exams. Any requests for regrading must be made within one week of the time exams are returned in class. All exam problems must show the work involved in every step of the solution for credit to be given. Exams not picked up within the two week period following final exam week are subject to disposal.

GRADING:
In addition to a 100 point midterm and 100 discussion points, there will be a 200 point final exam. This is subject to change, depending on class input during the first week.
GOALS AND OBJECTIVES:

The topics to be covered have been chosen so that successful students should then be prepared to take our higher level inorganic chemistry courses, which typically emphasize transition metal chemistry. Depending on the students’ prior background levels in these areas, it is possible that there could be some change in topics. This issue will be discussed in the first week of classes.