

**CHM 401**  
Intermediate Inorganic Chemistry  
Fall, 2019

Instructor: Dr. Bill Euler

Textbook: *Inorganic Chemistry*, 7<sup>th</sup> edition, M. Weller, T. Overton, J. Rourke, F. Armstrong

Web site: <https://www.chm.uri.edu/weuler/chm401/index.html>

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Office hours: Tuesday, 8 – 9 am; Wednesday, 1 – 2 pm; by appointment, whenever I am in my office

Topics to be covered this semester:

Atomic Structure, Periodic Properties (Chapter 1)  
Molecular Structures & Bonding (Chapter 2)  
Solid State (Chapter 3)  
Acids & Bases (Chapter 4)  
Oxidation & Reduction (Chapter 5)  
Symmetry (point groups only) (Chapter 6)  
Physical Techniques in Inorganic Chemistry (Chapter 8)  
d-Metal Complexes (Chapters 7, 20, 21)

Grading:

Exam 1 (Oct. 3, 11:00 a.m. – 12:15 p.m.)	100
Exam 2 (Oct. 31, 11:00 a.m. – 12:15 p.m.)	100
Exam 3 (Dec. 5, 11:00 a.m. – 12:15 p.m.)	100
Final exam (December 19, 11:30 a.m. – 2:30 p.m.)	150
Homework Problems (intermittently assigned)	<u>150</u>
TOTAL	600

If your score on the final exam is higher than the average of your three hour-exams, I will replace all of your exam scores with the final exam score, appropriately weighted (i.e., the final exam can be worth 150 or 450 points, whichever gives you a higher total). (Be warned: the final exam will be hard, so do not rely on it too heavily.) Exams are closed book but relevant data and equations will be provided.

### Academic Honesty

Students are expected to be honest in all academic work. A student's name on any written work, quiz or exam shall be regarded as assurance that the work is the result of the student's own independent thought and study. Work should be stated in the student's own words, properly attributed to its source. Students have an obligation to know how to quote, paraphrase, summarize, cite and reference the work of others with integrity. The following are examples of academic dishonesty.

- Using material, directly or paraphrasing, from published sources (print or electronic) without appropriate citation
- Claiming disproportionate credit for work not done independently
- Unauthorized possession or access to exams
- Unauthorized communication during exams
- Unauthorized use of another's work or preparing work for another student
- Taking an exam for another student
- Altering or attempting to alter grades
- The use of notes or electronic devices to gain an unauthorized advantage during exams
- Fabricating or falsifying facts, data or references
- Facilitating or aiding another's academic dishonesty
- Submitting the same paper for more than one course without prior approval from the instructors.

Any student with a documented disability is welcome to contact me as early in the semester as possible so that we may arrange reasonable accommodations. As part of this process, please be in touch with Disability Services for Students Office at 330 Memorial Union, 401-874-2098 (<http://www.uri.edu/disability/dss/>)