

**Chemistry 3610****Inorganic Chemistry****Lecturer****Adam S. Veige: [veige@chem.ufl.edu](mailto:veige@chem.ufl.edu)**  
**CLB 412b**

392-9844

Office Hours: T and Th (10:50 am – 12:00 pm)  
CLB 414**Teaching Assistants**Matias Pascualini: [matiaspascualini@ufl.edu](mailto:matiaspascualini@ufl.edu) (Lab: CLB 417)  
Matthew E. O'Reilly: [oreilly@chem.ufl.edu](mailto:oreilly@chem.ufl.edu) (Lab: CLB 419)

Office Hours: To Be Determined

**Lecture Hours**

M, T, W, R, F Period 2 (9:30 – 10:45)

**Textbook**Shriver and Atkins *Inorganic Chemistry 5th Ed.***Helpful Text**Miessler, G. L. and Tarr, D. A., *Inorganic Chemistry 4th Ed.*  
Cotton, Wilkinson, Gauss, *Advanced Inorganic Chemistry*  
Cotton, *Chemical Applications of Group Theory***Grading**

Mid-term Exams (2)	200
Problem Sets 6	60
Final Exam	150
Total	410

To review the current UF grade point equivalencies go to:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx#averaging>410-350 A, 349-329 A-, 328-314 B+, 313-297 B, 296-287 B-, 286-266 C+,  
265-250 C, 249-234 C-, 233-218 D+, 217-202 D, 201-187 D-, 186-0 E

**\*\*Note:** you have two weeks to request a re-grade of an exam or problem set.**\*\*** After two weeks the score will be final.  
Warning: we photocopy exams and problems sets and will check with the copy prior to re-grading

**Examinations**Exams, In-Class: Friday, May 31<sup>st</sup>, Friday, June 14<sup>th</sup>.  
Final Exam: Friday June 21<sup>st</sup>, in class 9:30 – 11:30 am.**Missed Exams**

**No make-up exams will be provided.** Arrangements will be made for students that have official UF travel conflicts. Notification and documentation must be provided one week in advance (no exceptions). An exam absence due to medical

illness must be accompanied by a doctor note indicating you were not able to attend the exam.

**Accommodation for Students with Disabilities** Students requesting classroom accommodation must first register with the Dean of Students Office. That office will provide the student with documentation that he/she must provide to the course instructor when requesting accommodation.

**Lecture** Chemistry 3610 will survey modern inorganic/organometallic concepts of bonding, reactivity, and physical properties.

**Problem Sets** Problem sets will be assigned at intervals of approximately one week. Problem Sets are due at the beginning of class. Problem sets handed in immediately after class but on the same day will be assigned a grade of M (5 pts). Problem sets handed in after the due date will not be graded (0 pts) Solutions will be provided.

Grading: Problem sets will be graded as follows

Satisfactory: S (10 pts)

Marginal: M (5 pts)

Unsatisfactory: U (0 pts)

Satisfactory (S) problems were attempted and there is an obvious understanding of the material demonstrated. (i.e. just attempting a question is not satisfactory)

Marginal (M) grade will be assigned for sloppy work, not attempting a problem, if a significant portion is incorrect.

Unsatisfactory (U) majority of the problem sets is incorrect.

**Problem Set Due dates** \*Subject to change

Friday, May 17

Friday, May 24

Thursday, May 30

Friday, June 7

Thursday, June 13

Thursday, June 20

**Review Sessions** Each Friday the lecture will be a review session. The topic will be the problem set/exam answer key and to answer general questions.

**Class Attendance** Class attendance is mandatory since some discussion may diverge from the text.

**Honesty Policy**

All students admitted to the University of Florida have signed a statement of academic honesty committing themselves to be honest in all academic work and understanding that failure to comply with this commitment will result in disciplinary action. This statement is a reminder to uphold your obligation as a UF student and to be honest in all work submitted and exams taken in this course and all others.

**UF Counseling Services**

Resources are available on-campus for students having personal problems or lacking clear career and academic goals. The resources include:

- University Counseling Center, 301 Peabody Hall, 392-1575, Personal and Career Counseling.
- SHCC mental Health, Student Health Care Center, 392-1171, Personal and Counseling.
- Center for Sexual Assault/Abuse Recovery and Education (CARE), Student Health Care Center, 392-1161, sexual assault counseling.
- Career Resource Center, Reitz Union, 392-1601, career development assistance and counseling.

**Chemistry 3610: Inorganic Chemistry  
Course Information**

**Chapter 1. Atomic Structure**

**Chapter 2. Molecular Structure and  
Bonding**

**Chapter 3. The structure of Simple Solids**

**Chapter 4. Acids and Bases**

**Chapter 6. Molecular Symmetry**

**Chapter 7. An introduction to  
coordination compounds**

**Chapter 20. d-Metal complexes: electronic  
structure and properties**

**Chapter 21. Coordination chemistry:  
reactions of complexes.**

**Chapter 22. d-metal organometallic  
chemistry**