

## CHEM 301. Inorganic Chemistry

### Syllabus

2021 Fall Semester

Week starting with	Topic	Assignments/ Laboratory	Midterms
September 27	Atomic Structure & Periodicity		
October 4	Atomic Structure & Periodicity	<i>Laboratory Experiment</i>	
October 11	Molecular Symmetry	<b>Assignment 1:</b>	
October 18	Molecular Symmetry	<i>Laboratory Experiment</i>	
October 25	Structure & Bonding	<b>Assignment 2:</b>	
November 1	Structure & Bonding	<i>Laboratory Experiment</i>	<b>Midterm 1</b>
November 8	Structure & Bonding	<b>Assignment 3:</b>	
November 15	Metallic & Ionic Solids	<i>Laboratory Experiment</i>	
November 22	Metallic & Ionic Solids	<b>Assignment 4:</b>	
November 29	Acids & Bases	<i>Laboratory Experiment</i>	
December 6	Acids & Bases	<b>Assignment 5:</b>	
December 13	Complex Ions & Coordination Chemistry		<b>Midterm 2</b>
December 20	Complex Ions & Coordination Chemistry	<b>Assignment 6:</b>	
December 27	Complex Ions & Coordination Chemistry		

**Instructor:**

Assoc. Prof. Dr. Alp Yürüm

**Assistants:**

Bilal Sayyed Said Iskandarani, Esaam Jamil,

**Textbook:**Shriver and Atkins' Inorganic Chemistry (5<sup>th</sup> or 6<sup>th</sup> Ed.)**Alternative Textbooks:**Weller, Overton and Rourke's Inorganic Chemistry (7<sup>th</sup> Ed.)

Housecroft and Sharpe's Inorganic Chemistry

**Midterms:**

Midterm 1: November 10, 2020-Midterm 2: December 22, 2020

**Weekly program**

Class: Wednesday 14:40-16:30 (L063), Thursday 13:40-14:30 (L063)

Laboratory: Thursday 10:40-13:30 (G049)

**Rules**

- Attendance to classes is expected from all of the students. Students, who will regularly physically attend all of the classes, will be awarded one grade above.
- All of the assignments must be done by each student. Students who will not complete all of the assignments, will get an incomplete grade (I) until all of the assignments will be completed.
- Percentages for the final grade:  
Midterm 1: 20%  
Midterm 2: 20%  
Final: 30%  
Assignments: 10%  
Labs: 20%
- Assignments will be returned one week after the date given above in the second class-day of the week. Late returns will get a 25% reduction in the grade.