CHEM 301. Inorganic Chemistry
Syllabus
2022 Fall Semester

Week starting with	Topic	Assignments/ Laboratory	Midterms
October 3	Atomic Structure & Periodicity		
October 10	Atomic Structure & Periodicity	*Laboratory Experiment*	
October 17	Molecular Symmetry	**Assignment 1**:	
October 24	Molecular Symmetry	*Laboratory Experiment*	
October 31	Structure & Bonding	**Assignment 2**:	
November 7	Structure & Bonding	*Laboratory Experiment*	**Midterm 1**
November 14	Structure & Bonding	**Assignment 3**:	
November 21	Metallic & Ionic Solids	*Laboratory Experiment*	
November 28	Metallic & Ionic Solids	**Assignment 4**:	
December 5	Acids & Bases	*Laboratory Experiment*	
December 12	Complex Ions & Coordination Chemistry	**Assignment 5**:	
December 19	Complex Ions & Coordination Chemistry	*Laboratory Experiment*	**Midterm 2**
December 26	Inorganic Materials & Applications	**Assignment 6**:	
January 2	Inorganic Materials & Applications		

Instructor: Asst. Prof. Dr. Alp Yürüm
Assistants: Bilal Sayyed Said Iskandarani, Burak Ölmez
Textbook: Weller, Overton and Rourke's Inorganic Chemistry (7th Ed.)
Alternative Textbooks: Shriver and Atkins' Inorganic Chemistry (5th or 6th Ed.)
Housecroft and Sharpe's Inorganic Chemistry
Midterms: Midterm 1: November 7, 2022 - Midterm 2: December 19, 2022
Weekly program
Class: Monday 11:40-13:30 FENS L062, Tuesday 13:40-14:30 FENS L062
Laboratory: Wednesday 13:40-16:30 FENS G025

Rules
1. Attendance to classes is expected from all of the students. Students who will attend **all of the classes** regularly will be awarded one grade above.
2. 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.
3. Percentages for the final grade:
   Midterm 1:   20%
   Midterm 2:   20%
   Final: 30%
   Assignments: 10%
   Labs: 20%
4. 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.