This course will discuss the modern chemistry of the transition metal with emphasis on organometallic chemistry and bioinorganic chemistry and Solid-state Chemistry.

Text Books:
Your first semester Inorganic Text: Shriver and Atkins Inorganic Chemistry, 4 or 5th Edition or Meisler and Tarr "Inorganic Chemistry"

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Electrochemistry
Inorganic Spectroscopy
Cambridge Structural Database
Transition Metal Coordination Compounds
Molecular and Electronic Structure
Ligands
Metal-Metal Bonding
Bioinorganic Chemistry
Organometallic Chemistry
Catalysis
Solid-State Compounds

Grading
Two in-class exams (30% each)
Final Exam: (40%) Thursday May 17, 11:15-1:45 PM
Participation in class will be an important component in the final grade.

Students with a disability: