This class will provide the student with an introduction to the basic principles of arrow-pushing mechanisms, steric, conformations, spectroscopy, and fundamental reactions.

1: Structure, Bonding, and Reactivity

2: Properties and Reactions of Alkanes

3: Stereochemistry
4: Properties and Reactions of Alcohols

5: Properties and Reactions of Ethers

6: Introduction to Nuclear Magnetic Resonance Spectroscopy (NMR)