

Chemistry 301  
Survey of Organic Chemistry  
Class number 13567  
MWF 11:40 – 12:30 a.m.

**Course location:** Multi-purpose MP308

**Office Hours:** MW 3-5 p.m., F 3-4 p.m. or by appointment in SN 323

| Date         | Lecture Topic  | Special Considerations                                 |
|--------------|--|--|
| Wk 1 Jan-17  | CH1: Electronic Structure/Covalent Bonding<br>M-Jan-16 MLK Holiday                                   | Help Session Sunday 5-7 pm in the library by Kif Ewing |
| Wk 2 Jan-22  | CH2: Acids/Bases   | Quiz 1: Chapter 1                                      |
| Wk 3 Jan-29  | CH3: Intro. To Organic: Nomenclature, Physical prop. Representation of Structure                     | Quiz 2   |
| Wk 4 Feb-5   | CH4: Alkenes: Structure, Nomenclature, Stability, and Reactivity (intro.)                            | Quiz 3   |
| Wk 5 Feb-12  | CH5: Reactions of Alkenes & Alkynes: An Intro. To Multistep Synthesis                                | Quiz 4   |
| Wk 6 Feb-21  | CH6: Delocalization of Electrons<br>M-Feb-19 President's Day Holiday                                 | Quiz 5 Take home quiz due W-Feb-21 at 12:30 p.m.       |
| Wk 7 Feb-26  | CH7: Aromaticity Reactions of Benzene & Substituted Benzenes   | Quiz 6   |
| Wk 8 Mar-5   | CH8: Isomers & Stereochemistry   | Quiz 7   |
| Wk 9 Mar-12  | CH9: Reactions of Alkanes: Radicals  | Quiz 8   |
| Wk 10 Mar-19 | CH10: Substitution & Elimination Reactions of Alkyl Halides  | Quiz 9   |
| Wk 11 Mar-26 | Spring Break   | Quiz 9 Take home quiz due Monday April 2 at 12:30 p.m. |
| Wk 12 Apr-2  | CH11: Rxns. Of Alcohols, Amines, Ethers, & Epoxides  | Take home quiz due; no formal Monday quiz to be given  |
| Wk 13 Apr-9  | CH12: Carbonyl Cpds. I: Nucleophilic Acyl Substitution   | Quiz 10  |
| Wk 14 Apr-16 | CH13: Carbonyl Cpds. II: Rxns. Of Aldehydes & Ketones: More reactions of carboxylic acid derivatives | Quiz 11  |
| Wk 15 Apr-23 | CH14: Carbonyl Cpds. III: Rxns. Of the $\alpha$ -Carbon  | Quiz 12  |
| Wk 16 Apr-30 | Survey of Biochemistry Chapter   | Quiz 13  |
|              | FINAL EXAM Thursday May 10   | 10:30 a.m. – 12:30 p.m.                                |