

Review these sections from your General Chemistry text (Ebbing and Gammon) before you start Organic Chemistry I

- 9.6 Lewis e- Dot Formulas
Example 9.7
- 9.7 Delocalized Bonding: Resonance
Example 9.9

- 10.1 Molecular Geometry - Shapes of Molecules (up to AX₄)
Figures 10.3 and 10.4, Example 10.1
- 10.2 Dipole Moments - Polar Covalent Bonding
Example 10.3
- 10.3 Valence Bond Theory – Hybrid Orbitals
Table 10.2, Examples 10.4 and 10.5
- 10.4 Multiple Bonding – Hybridization and Types of Bonds
Figures 10.26 and 10.27, Example 10.6
- 10.5 Molecular Orbital Theory – Bonding and Anti-Bonding Orbitals
Figures 10.30 and 10.31
- 10.7 Molecular Orbitals and Delocalized Bonding (Resonance)
Figures 10.36 and 10.37

- 11.5 Intermolecular Forces
Examples 11.5 and 11.6

- 15.2 Bronsted-Lowry Acids and Bases
Example 16.1
- 15.3 Lewis Acids and Bases
Example 16.2 (Note curved arrows for e- pairs)

- 23 Read entire chapter on Organic Chemistry