

## Reading Assignment - Chapter 17

Read any combination of the following sections so that you have read a total of five pages. When sections begin or end with less than half of a page, don't include that page, or add two half pages to make one whole page. Please choose sections which will help you to review, fill in gaps in your understanding, or increase your knowledge.

- 15-1 Introduction (p 663)
- 15-2 Stabilities of Dienes (p 663)
- 15-3 Molecular Orbital Picture of a Conjugated System (p 665)
- 15-4 Allylic Cations (p 669)
- 15-5 1,2- And 1,4-Addition to Conjugated Dienes (p 670)
- 15-6 Kinetic vs. Thermodynamic Control in the Addition of HBr to 1,3-Butadiene (p 672)
- 15-7 Allylic Radicals (p 674)
- 15-8 Molecular Orbitals of the Allylic System (p 676)
- 15-9 Electronic Configuration of the Allyl Radical, Cation, and Anion
- 15-10 S<sub>N</sub>2 Displacement Reactions of Allylic Halides and Tosylates
- 15-11 The Diels-Alder Reaction (p 680)