



COURSE TECHNOLOGY
CENGAGE Learning™

Connecting with Computer Science, 2e

Chapter 4 *Networks*

Objectives

- In this chapter you will:
 - Learn how computers are connected
 - Become familiar with different types of transmission media
 - Learn the differences between guided and unguided media
 - Learn how protocols enable networking
 - Learn about the ISO OSI reference model
 - Understand the differences between network types
 - Learn about local area networks (LANs)

Objectives (cont'd.)

- In this chapter you will (cont'd.):
 - Learn about wide area networks (WANs)
 - Learn about wireless local area networks (WLANs)
 - Learn about network communication devices
 - Learn how WANs use switched networks to communicate
 - Learn how devices can share a communication medium
 - Learn about DSL, cable modems, and satellite communications