



COURSE TECHNOLOGY
CENGAGE Learning™

Connecting with Computer Science, 2e

Chapter 2

Computing Security and Ethics

Objectives

- In this chapter you will:
 - Learn about the origins of computer hacking
 - Learn about some of the motivations for hackers and crackers
 - Learn about technologies that system intruders use
 - Learn about malicious code
 - Learn what social engineering is and how it works
 - Learn how security experts categorize types of system attacks
 - Learn about physical and technical safeguards

Objectives (cont'd.)

- In this chapter you will (cont'd.):
 - Learn how to create a good password
 - Learn about antivirus software
 - Learn about encryption
 - Learn about preventive system setup, including firewalls and routers
 - Learn about laws to protect intellectual property and prosecute cracking
 - Learn about ethical behavior in computing
 - Learn about privacy in computing and ways to ensure it