Outline: Lecture 4

Date: April 7, 2011
Topic: The Internet and World Wide Web

1. What is the Internet, what is the Web? What are their purposes? How are they used?
2. Threats: what security threats exist on the Internet and Web?
   a. Availability
   b. Confidentiality
   c. Integrity
3. Consequences: What impact do these threats have to and on society?
4. Defenses: what remedies to threats exist for the Internet and Web?
   a. Protecting networks
   b. Protecting hosts
   c. Protecting infrastructure
   d. Protecting cyber-physical systems
5. Costs: what are the costs of implementing these defenses?
   a. People
   b. Money