Chapter 4: Hands-on Activity – Network Types

Depending on the physical distance between nodes on a network and the communications and services it provides, networks can be classified as personal area, local area, metropolitan area, or wide area. Create a table using Microsoft Word that lists the three types of networks, the range for the devices, the media used to connect the computers in the network and the advantages/disadvantages of using one network over another network. Save the file as **Ch4NetworkTypes.doc**.

1. What type of network is used in the computer lab at your school?
2. What type of network is used in the office at your school?
3. What type of network do you use in your home?

Network Type	Range	Media Used	Advantage	Disadvantage
Personal Area Network				
Metropolitan Area Network				
Wide Area Network				

Chapter 4: Hands-on Activity – Videoconferencing

Videoconferencing enables people to combine voice, video, and audio transmission during a conference. Videoconferencing reduces travel expenses and time, and increases managerial effectiveness through a faster response to problems, access to more people, and less duplication of effort by geographically dispersed sites. Almost all videoconferencing systems combine video and phone call capabilities with data or document conferencing. Use the Internet to locate the closet video conferencing center to your area. Answer the following questions about the video conferencing center. Type the answers using a word processor like Microsoft Word, save the file as **Ch4Videoconferencing.doc**.

Chapter 4: Hands-on Activity – Domains

Computers on the Internet have an assigned address (location) called its **Uniform Resource Locator** (**URL**). The URL is used to identify one computer to the other computers on the Internet. The URL is a standard way to designate where Internet elements such as servers, documents, and newsgroups can be found. The URL *http://www.course.com* is the URL for Course Technology:

1. **http** – specifies the access method and tells your software to access a file using the Hypertext Transport Protocol, which is the primary method for interacting with the Internet
2. **www** – signifies that the address is associated with the World Wide Web service
3. **course.com** – is the domain name that identifies the Internet host site

Network Solution is a Virginia-based company you can use to register addresses using the .com, .net or .org domain names.

Type the answers to the questions using a word processor, such as Microsoft Word, save the file as **Ch4Domains.doc**.

1.   From the browser. type **www.networksolutions.com**

2.   View the possible domains that are available. (.com, .tv, .info, .net)
        What domains are available? _____

3.   In the **Find a Domain** box, type in the name you would use for a company that
        you want to create. (Ex. Webdevelopment.com)
        What domain name did you select? _____

4.   Click on the **Search** button to see if that domain name is available.
        Was the domain name available? _____

5.   Click on the **Home** link at the top of the page. (Return to the previous screen)

6.   Click on the **Web Site Packages** link. (Under the Get Online section)

7.   View the services and prices available under the **Web Site Packages** link.
        What services are available? _____

        How much do the services cost? _____

8.   Click on the **Home** link at the top of the page. (Return to the previous screen)