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This is the second RMRoberts.com newsletter for the 2011-2012 school year. We hope you find the practice questions, labs, links and additional information helpful. If you like the information included here, please pass it along to colleagues or direct them to www.RMRoberts.com to view all available content.

Computer Service and Repair

Below are two links to two more new laboratory activities related to installing Windows 7 operating systems. These two laboratory activities will focus on performing a Windows 7 upgrade from Windows Vista and Windows 7 upgrade from Windows XP. There is quite a bit of variation between performing a Windows Vista and a Windows XP upgrade to Windows 7. *(These will take a moment to download.)*

Performing a Windows 7 Upgrade from Windows XP

Performing a Windows 7 Upgrade from Windows Vista

Also below find a another, new Windows 7 practice test as related to Windows 7 installation and upgrading practices. This information will prove to be valuable for anyone planning to take the new CompTIA A+ certification examination.

Practice Test for Windows 7 Installation

Would you like to share with your class an interesting look at the history of Microsoft operating systems? Take a look at the following link.

http://windows.microsoft.com/en-US/windows/history

Networking Fundamentals

Below is a link to a new PDF Study Guide for the CompTIA Network+ Certification covering Domain 2 and, also, another new set of test items based on the CompTIA Network+ Domain 2.

CompTIA Network+ Study Guide Domain 2

CompTIA Network+ Domain 2 Practice Test

Download the **IBM Redbook** publication on core concepts of networking called
"TCP/IP Tutorial and Technical Overview"

http://www.redbooks.ibm.com/redbooks/pdfs/gg243376.pdf

We found it an excellent classroom reference for not only Ethernet but also Wireless core concepts.

Another great reference is provided by the company Anritsu. The reference covers switches and router basics, and then contains an extensive technical vocabulary as related to networking technology. Use the following link

http://downloadfile.anritsu.com/RefFiles/en-US/Services-Support/Downloads/Technical-Notes/White-Paper/MustHave.pdf

or you can conduct an Internet search using the key terms "The Must-Have Reference for IP and Next Generation Networking".

Electricity and Electronics

We recently ran across a gem of a website at Spread Spectrum Scene Magazine SSS-mag.com. Randy Roberts *(Not My relative)* of El Granada was the original founder and the magazine is now owned and operated by The Pegasus Technologies.

www.SSS-mag.com/

Check out the related pages on spread spectrum, RF, Bluetooth, and wireless technologies..

Below is a link to a nice reference tutorial on how to use a digital multi-meter. Check out the radio-electronics website.

http://www.radio-electronics.com/info/t_and_m/digital-multimeter/dmm-basics-tutorial.php

There is also a wealth of other electronic related tutorials and information located there. Thanks Pegasus Technologies.

As always we would love to hear from you to see if you appreciate the newsletter series, or if you can offer suggestions on topics you would like more information about. Also, please feel free to correct any errors you may find.

Contact us at mailto:webmaster@rmroberts.com We sincerely hope you find the material useful in your program of study. If there is a topic or area of course study you would like to see supplemented, please contact us by email at technical@RMRoberts.com, or contact your textbook representative at Goodheart-Wilcox G-W.com.