Newsletter April/May 2012
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RMRobertscomNewsletterApril/May2012

The year is winding down fast! It won't be long to the end of the semester for this year. ***While this may be the last actual Newsletter for the year, please be on the lookout for a new Introduction to Windows 8.*** We have been working on this since we received the Beta version, and will be getting the first draft out to you to your school/work address for you to study and play with over the summer.

Computer Service and Repair

First, we have a new article on the very latest hard disk drive partitioning technologies. Many Windows 7 features, as well as the newest operating system Windows 8, rely on the newest firmware and partition technologies to support the newest features such as bit-locker and virtual hard drives. Bios are becoming obsolete and so is the Master Boot Table partition style. This article should answer many questions such as the following. Where did that partition come from? What is EFI? Why does that partition not have a drive letter? These questions are all too common since Windows 7 disk management utility allow the user to view even Microsoft hidden partitions on a hard disk drive. This article will help bring up to date the hard disk drive section of Computer Service and Repair Third Edition. I also recommend it for ***Network Fundamentals***.

MBR and EFI Disk Partition Styles (Link here)

After reading the above article and answering the questions in the review section, take the hard disk drive pop quiz below. The quiz will cover information in the article, as well as information from your textbook. Be sure to read the article before taking the Hard Disk Drive Pop Quiz.

Hard Disk Drive Pop Quiz (link here)

Also below, please find a new

Study Guide for CSR Domain 3 – Operating Systems

And a new **CSR Domain 3 – OS Practice Test**

Network Fundamentals

We will be rounding up the Network Fundamentals series of study guides and practice tests with a few websites to help your students prepare for the CompTIA Network+ Domain 6 - Network Security section of the Network+ Certification.

Security guide from CISCO.
http://www.cisco.com/en/US/docs/wireless/wlan_adapter/secure_client/5.1.1/administration/guide/C1_Network_Security.pdf

Microsoft Security Tech Center.
http://technet.microsoft.com/en-us/security/default.aspx
http://www.csis-scsi-quebec.org/files/networksec.pdf

Microsoft fund of security for networks.
http://technet.microsoft.com/en-us/library/cc179843.aspx

More Microsoft.
http://technet.microsoft.com/en-us/library/cc723606.aspx

This is the last study guide and practice test for this year's series of study guides and the practice tests. Domain 6 covers Network Security.

Networking Domain 6 – Network Security Study guide (link here)

Networking Domain 6 – Network Security Practice Test (link here)

Electricity and Electronics

Here are a few more interesting websites that I think you'll find useful in your classroom. FCC rules from Ramsey Electronics. Ramsey Electronics has a brief summary of FFC rules that relate directly to radio laboratory projects. They also have a complete list of FCC regulations in PDF form available for download.

http://www.ramseyelectronics.com/resource/default.asp?page=fcc

Ramsey Kit Building Guide
This is a great handout for your students before they begin their soldering projects.
http://www.ramseyelectronics.com/downloads/KitBuilding2kE.pdf

How about another electronic value calculator?   Check out his one from Electronics 2000. They also have a lot of good information for novice students. http://www.electronics2000.co.uk/
Last but not least, a website called Electronics Teacher which is in fact a website dedicated to teachers of electronics. I think you'll find this a very handy place to book mark.

http://www.electronicsteacher.com/

Have a great summer, and please visit our website www.RMRoberts.com and Goodheart-Willcox website www.G-W.com to learn more about our training materials .

As always, we would love to hear from you to see if you appreciate the newsletter series, or if you wish to 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-Willcox G-W.com.