

Assignment : Networks & Device Security

1. On your class portfolio website, create a new page called “Networks & Device Security”
2. This new page will contain the following information:
 - Explain what a "Mobile Network" is and describe how it works
 - Describe the effect of frequency on cell coverage. List the advantages and disadvantages of higher vs lower frequencies
 - List the top four mobile network operators in North America
 - List the 2 fastest Mobile Networks in Texas for 2013. Compare and contrast their performance in speed vs. reliability
 - Describe at least five mobile device security threats and explain the potential risks
 - Explain what a "Mobile Virus" is. Compare and contrast a "Worm" and a "Trojan"
 - Explain the function of "Antivirus Software" and how it works
3. All information must be visible on your website. You may use information from other websites, but may not link to them.
4. You will be graded only on the information visible on your "Networks & Device Security" page.
5. All information must be in your own words. Remember what you learned about Copyright laws. If you plagiarize information from other websites or sources you will receive a 0 – no excuses, no exceptions. If you use internet images, make sure you site your sources.

Suggested Websites:

- http://en.wikipedia.org/wiki/Antivirus_software
http://www.privateline.com/mt_cellbasics/iii_cell_sector_terminology/
- http://en.wikipedia.org/wiki/Cellular_network
- <http://www.pcmag.com/article2/0,2817,2420334,00.asp>
- http://en.wikipedia.org/wiki/List_of_mobile_network_operators_of_the_Americas#United_States
- <http://searchmobilecomputing.techtarget.com/guides/Mobile-device-protection-and-security-threat-measures>
- <http://www.sophos.com/en-us/security-news-trends/glossary.aspx#virus>

Note: All links are on the assignment page of our class website.