

- - Create a Microsoft Word Document with the following information:
 - A table of commands used within class and their associated use/description. Please make sure you specify what device these commands are issued from (ie: router, switch, pc, etc...).
- Utilizing the Cisco Packet Tracer file provided within this assignment, complete the following **(Make sure you are using at least Cisco Packet Tracer 6.1 or above when opening the attached file)**:
 - Configure your Routers for the following
 - - hostname
 - disable DNS lookups
 - unencrypted privilege mode password of "cisco"
 - console line password of "cisco"
 - enable the login prompt to appear for the console line
 - enable "logging synchronous" on the console line
 - virtual terminal line password of "cisco"
 - enable the login prompt to appear for the five simultaneous virtual terminal lines
 - enable "logging synchronous" on the five simultaneous virtual terminal lines
 - enable the LAN and WAN interfaces in use
 - set the LAN interface ip address and subnet mask
 - set the WAN interface(s) ip address and subnet mask
 - set the clocking on your DCE interfaces to 2000K
 - enable EIGRP routing (disable automatic summarization) where appropriate
 - enable OSPF routing where appropriate
 - enable two-way route redistribution
 - Configure your Switches for the following:
 - hostname
 - disable DNS lookups
 - unencrypted privilege mode password of "cisco"
 - console line password of "cisco"
 - enable the login prompt to appear for the console line
 - enable "logging synchronous" on the console line
 - virtual terminal password of "cisco"
 - enable the login prompt to appear for the five simultaneous virtual terminal lines
 - enable "logging synchronous" on the five simultaneous virtual terminal lines
 - enable the Administrative VLAN interface
 - set the Administrative VLAN interface ip address and subnet mask
 - setup the VTP domain of "INETLAB" with the password of "cisco" for the Chicago site
 - enable spanning-tree portfast where appropriate
 - enable 802.1q trunking where appropriate
 - setup InterVLAN routing using the appropriate method for each site
 - Configure the PCs with the IP Address, subnet mask and default gateway.
 - Test connectivity using the commands you learned in class
 - Document your results, whether this worked or not, within your Microsoft Word Document (your lab journal)
 - Save this file
 - Display your routing table and other appropriate "show" commands that would be necessary to verify the configuration of EIGRP and OSPF
 - Display your switching configuration using the appropriate "show" commands
 - Each step of the way, document your results within your Microsoft Word Document (your lab journal)