

# Router Rubric

Cisco Networking Academy  
Semester Two

Name \_\_\_\_\_

Academy \_\_\_\_\_

Date \_\_\_\_\_

<b>Criteria</b>	<b>Level 1</b> <b>(50-59%)</b>	<b>Level 2</b> <b>(60-69%)</b>	<b>Level 3</b> <b>(70-79%)</b>	<b>Level 4</b> <b>(80-100%)</b>
<b>Router Configuration</b>				
<b>Password Configuration</b>	developing ability to assign hostnames & use passwords correctly	able to configure console password	able to configure vty & secret password	able to encrypt passwords
<b>Addressing</b>	developing ability to determine subnets	ability to determine host ranges & number of subnets	ability to determine subnet mask	ability to assign address and subnets to a high level topology map
<b>Interface configuration</b>	developing ability to enter configuration mode	ability to enter address and mask accurately	ability to enter clockrate	consistently able to bring interfaces up
<b>Routing Protocol</b>	developing ability to select appropriate protocols	able to configure routing protocols	able to assign a protocol's networks	consistently able to bring protocols up
<b>Media</b>	developing ability to select appropriate media	able to make 568b, crossover, and console cables	ability to connect DCE and DTE cables correctly	able to build a complete LAN
<b>Connectivity</b>	ability to show CDP neighbors	ability to apply host tables	ability to ping all interfaces & telnet to all routers	able to telnet across all interfaces using host names
<b>Troubleshooting</b>	developing ability to troubleshoot routers	able to correct physical & network layer challenges	able to recover from password lockout	able to recover from corrupt or missing configuration files
<b>Workstation Configuration</b>	developing ability to select appropriate protocol	able to assign appropriate address & subnet mask	able to assign appropriate gateway	able to communicate across the Internetwork