CCNP ROUTING & SWITCHING PREPARATION – OCCUPATIONAL SKILLS CERTIFICATE

Top Code:

0708.10
This Cisco Networking Academy's Cisco Certified Network Professional (CCNP) Routing and Switching curriculum provides students with necessary skills to seek entry to mid-level employment in the field of Information Technology. Instruction includes planning and implementing enterprise routing and switching solutions on Cisco routers and switches in complex enterprise routed and switched networking environment.

An Occupational Skills Certificate is awarded upon completion of all required courses with a grade of C or better.

Program Outcomes

- Apply advanced IP addressing and routing technology solutions to plan and implement scalable and secure enterprise routing solutions on complex enterprise routed networks.
- Apply switching technology solutions to plan and implement scalable and secure enterprise switching solutions on complex enterprise switched networks.
- Apply routing and switching technology solutions to plan and perform regular maintenance and network troubleshooting on complex enterprise routed and switched networks.

Requirements for the Occupational Skill Certificate

Code	Title	Units
CIS 165	CCNP R&S ROUTE: IMPLEMENTING IP ROUTING	4
CIS 167	CCNP R&S SWITCH: IMPLEMENTING CISCO IP SWITCHED NETWORKS	4
CIS 168	CCNP R&S TSHOOT: TROUBLESHOOTING AND MAINTAINING IP NETWORKS	4
Total Units		**12**

Recommended Electives

Code	Title	Units
CIS 169A	CCNA SECURITY	4
CIS 169B	CCNP SECURITY: IMPLEMENTING CISCO EDGE NETWORK SECURITY SOLUTIONS	4
CIS 170	CISCO IP TELEPHONY ADMINISTRATION	4