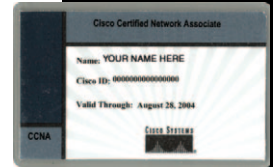


ROUTING PROFESSIONAL

The Routing Professional track offered at FastTrain® is a rigorous hands-on course. It will begin with an introduction to Internet Technology followed by exposure to the concepts and commands required to configure Cisco® routers and switches in small to medium multi-protocol networks. Through content, exercises and lab projects, you gain experience configuring fully operational Cisco routers and switches. Students will learn to apply Cisco IOS software commands to start up and configure a newly installed router and switch. Our course will enable you to perform all basic configuration procedures to build a multi-router, multi-group network that uses LAN and WAN interfaces for the most commonly used routing and routed protocols.



HIGHLIGHTS

- Hands-on with Cisco Routers and Switches
- Deployment and Troubleshooting
- LAN Switching, VLANs, Design, etc.
- Network Configuration, Maintenance and Management



SKILL SET

- OSI model and industry standards
- Network Topologies
- IP addressing, including subnet masks
- Networking components
- Basic network design
- Router configuration
- Routing protocols
- OSPF
- EIGRP
- VLSM
- NAT
- LAN switching theory
- Advanced LAN and WAN switching
- VLANs
- WAN theory and design
- WAN technology / PPP
- Network troubleshooting

YOU WILL BE ABLE TO TAKE CERTIFICATION TESTS

Cisco® CCNA

COURSE PREREQUISITES

Previous network experience or MCSE certificated

REQUIREMENTS

Approximately 1 hour of reading per every class hour