

CCNP Certification

CURRICULUM

Building Scalable Cisco Internetworks (BSCI)

Course Outline

- Course Introduction to Routing in an Enterprise Networks
 - Configuring EIGRP
 - Configuring OSPF
 - The IS-IS Protocol
 - Manipulating Routing Updates
 - Implementing BGP
 - Implementing Multicast
 - Implementing the Basics of IPv6
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Building Cisco Multilayer Switched Networks (BCMSN)

Course Outline

- Introduction to Campus Networks
 - Defining Virtual Networks (VLANs)
 - Implementing Spanning Tree
 - Implementing InterVLAN Routing
 - Implement High Availability in a Campus Environment
 - Wireless Client Access
 - Minimizing Service Loss and Data Theft in a Campus Network
 - Configuring Campus Switches to Support Voice
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Implementing Secure Converged Wide Area Networks (ISCW)

Course Outline

- Describe Network Requirements
 - Connect Teleworks
 - Implement Frame Mode MPLS
 - IPsec VPNs
 - Cisco Device Hardening
 - Cisco IOS Threat Defense Features
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Optimizing Converged Cisco Networks (ONT)

Course Outline

- Describe Network Requirements
- Describing Cisco VoIP Implementations
- Introduction to IP QoS
- Implementing the DiffServ QoS Model
- Implementing AutoQoS
- Wireless Security

Duration: 150hr

Price: 3490 EGP