

TR Eğitim ve Teknoloji (TET) A.Ş.  
Cisco Certified Networking Associate (CCNA)  
Eğitim İçeriği

## CCNA

1. Exploring the Functions of Networking
2. Introducing the Host-to-Host Communications Model
3. Operating Cisco IOS Software
4. Introducing LANs
5. Exploring the TCP/IP Link Layer
6. Starting a Switch
7. Introducing the TCP/IP Internet Layer, IPv4 Addressing, and Subnets
8. Explaining the TCP/IP Transport Layer and Application Layer
9. Exploring the Functions of Routing
10. Configuring a Cisco Router
11. Exploring the Packet Delivery Process
12. Troubleshooting a Simple Network
13. Introducing Basic IPv6
14. Configuring Static Routing
15. Implementing VLANs and Trunks
16. Routing Between VLANs
17. Introducing OSPF
18. Building Redundant Switched Topologies
19. Improving Redundant Switched Topologies with EtherChannel
20. Exploring Layer 3 Redundancy
21. Introducing WAN Technologies
22. Explaining Basics of ACL
23. Enabling Internet Connectivity
24. Introducing QoS
25. Explaining Wireless Fundamentals
26. Introducing Architectures and Virtualization
27. Explaining the Evolution of Intelligent Networks
28. Introducing System Monitoring
29. Managing Cisco Devices
30. Examining the Security Threat Landscape
31. Implementing Threat Defense Technologies
32. Securing Administrative Access
33. Implementing Device Hardening

**LAB**

1. Observe How a Switch Operates
2. Perform Basic Switch Configuration
3. Implement the Initial Switch Configuration
4. Inspect TCP/IP Applications
5. Configure an Interface on a Cisco Router
6. Configure and Verify Layer 2 Discovery Protocols
7. Implement an Initial Router Configuration
8. Configure Default Gateway
9. Explore Packet Forwarding
10. Troubleshoot Switch Media and Port Issues
11. Troubleshoot Port Duplex Issues
12. Configure Basic IPv6 Connectivity
13. Configure and Verify IPv4 Static Routes
14. Configure IPv6 Static Routes
15. Implement IPv4 Static Routing
16. Implement IPv6 Static Routing
17. Configure VLAN and Trunk
18. Troubleshoot VLANs and Trunk
19. Configure a Router on a Stick
20. Implement Multiple VLANs and Basic Routing Between the VLANs
21. Configure and Verify Single-Area OSPF
22. Configure and Verify EtherChannel
23. Improve Redundant Switched Topologies with EtherChannel
24. Configure and Verify IPv4 ACLs
25. Implement Numbered and Named IPv4 ACLs
26. Configure a Provider-Assigned IPv4 Address
27. Configure Static NAT
28. Configure Dynamic NAT and Port Address Translation (PAT)
29. Implement PAT
30. Log into the WLC
31. Monitor the WLC
32. Configure a Dynamic (VLAN) Interface
33. Configure a DHCP Scope
34. Configure a WLAN
35. Define a Remote Access Dial-In User Service (RADIUS) Server
36. Explore Management Options
37. Explore the Cisco DNA™ Center
38. Configure and Verify NTP

39.	Configure System Message Logging
40.	Create the Cisco IOS Image Backup
41.	Upgrade Cisco IOS Image
42.	Configure WLAN Using Wi-Fi Protected Access 2 (WPA2) Pre-Shared Key(PSK)Using the GUI
43.	Secure Console and Remote Access
44.	Enable and Limit Remote Access Connectivity
45.	Secure Device Administrative Access
46.	Configure and Verify Port Security
47.	Implement Device Hardening