Course Name : Cisco Certified Entry Networking Technician (CCENT)
Duration : 5 Days
Skill Level : Beginner

Course Description :
Our trainer will teach the candidates the skills essential for entry-level network support positions. The CCENT curriculum covers networking fundamentals, WAN technologies, basic security, routing and switching fundamentals, and configuring simple networks.

DAY 1 | MODULE 1

- Welcome
- What you need to know?
- OSI & TCP/IP Model
- What is IPv4
- Class Type of IPv4 and Subnet Mask
- Public IP address and Private IP address
- Moving from Classful to Classless IPv4
- Broadcast Domain and Collision Domain
- IP subnet-ting
- IP subnet-ting Practice
- What is a Gateway
- Router Interface Configuration
- ARP (Address Resolution Protocol)
- Routing Table
- Basic Configuration
- DHCP Dynamic IP Assignments
- Configure a DHCP Server Using Router

DAY 2 | MODULE 2

- Introduction
- What is FTP Server
- Passive Mode and Active Mode
- Set up a FTP Server using Router
- NSLookup
- Public DNS
- DNS Forwarding using Router
- Network Switch
- LAN (Local Area Network)
- VLAN (Virtual Local Area Network)
- Inter-VLAN Routing
- Lab for a Complete Office Network

DAY 3, 4, & 5 | CCENT PRACTICAL SESSION

- Data network operations: Test to see if you know these terms: LAN, WAN, OSI model. You should be able to understand network diagrams and traffic flow.

- Implementation of a small switched network: Can you connect the right cables and switches to create a basic network? How does switching work? How do you secure and troubleshoot your network switches?

- IP addressing and services for small branch offices: this includes small network IP addressing, NAT, DHCP, DHCP and troubleshooting.

- Implementation of a small routed network: How does routing work and troubleshoot your Cisco Router?

- Understanding of wireless LANs: Do you have an understanding of wireless standards, wireless terms, wireless security, and common wireless issues?

- Securing the network: Do you have an understanding of security policies, securing hosts and applications, and fundamental network security practices?

- Understanding of WANs: Do you know how to connect to a WAN? Can you configure basic serial connections to a WAN?

Rynet Malaysia Sdn. Bhd. (899837-K)
95-2, Block H, The Suites, Jaya One, 72A, Jalan Universiti, 46200 Petaling Jaya,Selangor, Malaysia.
Phone: +603-7623-1088 | Fax: +603-7660-9393 | www.rynet.com.my