

ITNET-132 Routing and Switching

Course Description: Students will focus on the switching and routing and wireless networks including Security, vLAN's and wireless access methods networks, operating systems and network applications.

CCNA: Switching, Routing, and Wireless Essentials

- Work with routers, switches and wireless devices to configure and troubleshoot VLANs, Wireless LANs and Inter-VLAN routing.
- Configure and troubleshoot redundancy on a switched network using STP and EtherChannel.
- Develop critical thinking and problem-solving skills using real equipment and Cisco Packet Tracer.
- Explain how to support available and reliable networks using dynamic addressing and first-hop redundancy protocols.