Certificate in Network Engineering

Computer Hardware

- Personal Computer Hardware
- Preventive Maintenance and Troubleshooting
- Laptops and Other Mobile Devices
- Printers
- Operating Systems
- Virtualization and Cloud Computing

Windows Server

- Windows Client/Server Installation
- Deploy and Configure Active Directory Service (AD)
- Deploy and Configure Domain Name Systems (DNS)
- Deploy and Configure Dynamic Host Configuration Protocol (DHCP)
- Deploy and Configure Windows Deployment Services (WDS)

Linux Server

- Linux Client/Server Installation
- Basic Configurations of Linux (Network Configuration, Package Installation, User Management)
- Deploy and Configure Apache Web Services

Network Essentials

- Principals of Communication
- Fundamental concepts of Ethernet Networking
- Network Address Management
- Application Protocols and Services
- Building a Home Network
- Fundamental Concepts of Network Security
- Configuring Cisco Devices
- Testing and Troubleshooting Networks