

Course Outline

Cisco Certified Network Associate (CCNA)

Duration	3 months
Cost	120,000 NGN

Description:

The Cisco Certified Network Associate (CCNA) teaches comprehensive networking concepts and skills, from network applications to the protocols and services provided to those applications by the lower layers of the network. A CCNA certification certifies a technician's ability to install, set up, configure, troubleshoot and operate a medium-sized routed and switched computer network. This also includes implementing and verifying connections to a wide area network (WAN).

CCNA provides students with a basic foundation in networking. Students who successfully complete this portion of the program are eligible to earn Cisco Certified Network Associate (CCNA) certification.

All CCNA-certified individuals specialize in one of seven technology paths:

- Routing and switching
- Design
- Network security
- Service provider
- Storage networking
- Voice
- Wireless.

Target Audience:

- Engineering students
- Students in computer science courses
- Anyone interested in networking
- People interested in learning new things

Requirements(s):

- A Laptop (Mac or PC) for simulation.

The course will cover:

- Network Fundamentals
- LAN Switching Technologies
- Routing Technologies
- WAN Technologies
- Infrastructure Services
- Infrastructure Security
- Infrastructure Management
- Hands-on labs and CISCO Packet Tracer Simulation

Career Prospects:

- System Engineers (Computer Networking/ IT)
- Network administrator
- Technical Support Engineer
- Network Security Analyst