



CISCO



ROLASOFT PROFESSIONAL COMPUTER & IT
COURSES VERSION 2.0 LATEST

**Certificate in Cisco Certified
Network Associate (CCNA)**

Become a job-ready CCNA in 8 weeks!

Benefits of Studying with RolaSoft

✓ **Industry-Relevant Curriculum**

Stay ahead with a syllabus designed by industry experts, focused on real-world applications of CCNA.

✓ **Hands-On Training**

Learn by doing — build real-time projects, develop applications, and gain practical coding experience.

✓ **Experienced Instructors**

Gain insights from certified professionals and senior software engineers with years of teaching and industry experience.

✓ **Flexible Learning Modes**

Choose between: **Online**, **Offline (at our center)**, or **Hybrid Classes**

Benefits of Studying with RolaSoft

✓ Mini & Major Projects

Work on individual and group projects to strengthen your portfolio and impress future employers.

✓ Certification Upon Completion

Earn a **Diploma Certificate** from **RolaSoft Technologies**, recognized by IT recruiters and employers.

✓ Small Batch Size

Personalized attention and better interaction in small groups for an enhanced learning experience.

✓ Affordable Fees & Installment Plans

Top-tier training at a reasonable cost, with flexible payment options.

✓ Career-Oriented Skills You'll Gain at RolaSoft Technologies

RolaSoft ensures you're job-ready with the right tech stack and practical knowledge.

Certificate in CCNA Course Details

- ✓ **Duration**
Eight (8) Weeks
- ✓ **Schedule**
Weekdays / Weekends
- ✓ **Learning Modes**
Online, Offline (at our center), or Hybrid Classes
- ✓ **Start Date**
New batches start every month — enroll now!
- ✓ **Eligibility**
No prior experience required

Certificate in CCNA Course Curriculum

Week 1: Introduction to Networking & CCNA Overview

- ✓ What is networking? Importance & real-world applications
- ✓ Understanding the OSI & TCP/IP Models
- ✓ Basics of LAN, WAN, and MAN
- ✓ Network topologies and architecture

Certificate in CCNA Course Curriculum

Week 2: Network Devices & Cisco IOS Basics

- ✓ Routers, switches, hubs, modems, and firewalls
- ✓ Cisco IOS commands and CLI navigation
- ✓ Understanding MAC & IP addressing
- ✓ IPv4 addressing and subnetting fundamentals

Certificate in CCNA Course Curriculum

Week 3: TCP/IP Protocols & Network Addressing & Switching Concepts & VLANs

- ✓ ARP, ICMP, DNS, DHCP, FTP, HTTP, HTTPS protocols
- ✓ IPv4 subnetting (FLSM & VLSM)
- ✓ Private vs. Public IP addressing
- ✓ Introduction to IPv6
- ✓ Switching basics & MAC address learning
- ✓ VLANs (Virtual LANs) and VLAN trunking
- ✓ Inter-VLAN routing & Configuring VLANs on Cisco switches

Certificate in CCNA Course Curriculum

Week 4: Routing Fundamentals & Static Routing & Dynamic Routing Protocols (RIP, OSPF, EIGRP)

- ✓ Understanding routing & its importance
- ✓ Static routing configuration
- ✓ Default routing
- ✓ Troubleshooting routing issues
- ✓ Distance vector vs. link-state routing protocols
- ✓ Configuring RIP (Routing Information Protocol)
- ✓ Configuring OSPF (Open Shortest Path First)
- ✓ Configuring EIGRP (Enhanced Interior Gateway Routing Protocol)

Certificate in CCNA Course Curriculum

Week 5: Wide Area Networks (WAN) & IP Services

- ✓ WAN technologies (PPP, HDLC, MPLS, VPNs)
- ✓ NAT (Network Address Translation) & PAT
- ✓ ACLs (Access Control Lists) for traffic filtering
- ✓ DHCP relay & troubleshooting

Certificate in CCNA Course Curriculum

Week 6: Network Security & Best Practices

- ✓ Basics of network security
- ✓ Port security, MAC filtering & DHCP snooping
- ✓ AAA (Authentication, Authorization, Accounting)
- ✓ Securing network devices (SSH, disabling unused services)

Certificate in CCNA Course Curriculum

Week 7: Wireless Networking & Network Automation & Troubleshooting & Cisco Packet Tracer Labs

- ✓ Wireless networking basics (Wi-Fi standards, SSIDs, encryption)
- ✓ Configuring wireless networks (WPA, WPA2, WPA3)
- ✓ Introduction to network automation & scripting (Python basics)
- ✓ Common networking issues & troubleshooting techniques
- ✓ Debugging network connectivity issues
- ✓ Hands-on lab: Configuring a small enterprise network

Certificate in CCNA Course Curriculum

Week 8: Advanced Topics & Real-World Networking Scenarios

- ✓ SDN (Software Defined Networking) & Cloud Networking basics
- ✓ IPv6 configuration & transition mechanisms
- ✓ Network design principles & case studies

Final Capstone Project (End of 8 Weeks)

Students will complete a project and examination:

- Setting up a complete Cisco network topology (Capstone Project)

Rolasoft Technologies Services

Rolasoft Technologies – Services Offered

✓ **SOFTWARE DEVELOPMENT COMPANY**

(MOBILE APPLICATION, WEB APPLICATION, DESKTOP APPLICATION, CUSTOMIZED APPLICATION, E-COMMERCE WEBSITE)

✓ **PROFESSIONAL COMPUTER AND IT EDUCATION**

(TOP-UP PROGRAMS, DIPLOMA PROGRAMS, CERTIFICATE PROGRAMS, TECH @ SCHOOL, CORPORATE PROGRAMS, SIWES PROGRAMS, CUSTOMIZED PROGRAMS)

✓ **DIGITAL ADVERTISING AND BUSINESS BRANDING**

(SOCIAL MEDIA MARKETING, EMAIL MARKETING, CONTENT MARKETING, WEBSITE SEO, BRANDED CLOTHING, STICKERS AND TAG, CUSTOM BRANDING, AND MANY MORE)

✓ **INTERNATIONAL UNIVERSITY ADMISSION PROCESSING**

(AMERICA, UK, CANADA, EUROPE, AFRICA, AND MANY MORE)

Contact & Registration

 Phone: +234 8032867212, +234 8082171242

 Email: info@rolasofttech.com

 Website: www.rolasofttech.com

 Address: 2, Martins Street Off Ojuelegba Road, Yaba, Lagos State.



Enroll Today & Start Your CCNA Journey!
Shape your future with CCNA.