



ROLASOFT PROFESSIONAL COMPUTER & IT
COURSES VERSION 2.0 LATEST

Certificate in CompTIA Network+

Become a job-ready CompTIA N+ 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 CompTIA Network+.

✓ **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 CompTIA Network+ 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 CompTIA Network+ Course Curriculum

Week 1: Introduction to Networking & CompTIA Network+ Overview

- ✓ Understanding networking fundamentals
- ✓ Network topologies (Star, Mesh, Bus, Ring, etc.)
- ✓ OSI Model vs. TCP/IP Model
- ✓ Data transmission concepts (Unicast, Multicast, Broadcast)

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Week 2: Network Devices & Media

- ✓ Networking devices (Routers, Switches, Hubs, Firewalls, Access Points)
- ✓ Wired & wireless media (Twisted Pair, Coaxial, Fiber Optic, Wireless)
- ✓ Ethernet standards & cable types (Cat5e, Cat6, Cat7, etc.)
- ✓ Cable termination & crimping basics

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Week 3: IP Addressing & Subnetting and Switching & Routing Basics

- ✓ IPv4 addressing & subnetting
- ✓ IPv6 fundamentals
- ✓ Public vs. private IP addresses
- ✓ APIPA & reserved address ranges
- ✓ Layer 2 vs. Layer 3 switching
- ✓ VLANs & VLAN trunking
- ✓ Static vs. dynamic routing
- ✓ Default gateway configuration

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Week 4: TCP/IP Protocols & Services and Wireless Networking

- ✓ Common protocols: HTTP, HTTPS, FTP, SSH, SMTP, POP3, IMAP
- ✓ DHCP & DNS services
- ✓ VPNs & remote access technologies
- ✓ Network Time Protocol (NTP)
- ✓ Wi-Fi standards (802.11a/b/g/n/ac/ax)
- ✓ Wireless security (WPA, WPA2, WPA3)
- ✓ Wireless site surveys & troubleshooting
- ✓ Configuring wireless networks

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Week 5: Network Security Fundamentals

- ✓ Common security threats (DDoS, MITM, Phishing, Ransomware)
- ✓ Firewalls, IDS, IPS & security appliances
- ✓ Access Control Lists (ACLs)
- ✓ Network segmentation & isolation

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Week 6: Network Performance & Troubleshooting

- ✓ Monitoring tools (Wireshark, SNMP, Syslog)
- ✓ Troubleshooting methodology
- ✓ Common network issues & solutions
- ✓ Performance optimization techniques

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Week 7: WAN & Cloud Networking and Network Automation & Scripting

- ✓ WAN technologies (MPLS, Metro Ethernet, SD-WAN, VPNs)
- ✓ Cloud computing concepts (IaaS, PaaS, SaaS)
- ✓ Virtualization & its impact on networking
- ✓ Basics of network automation
- ✓ Introduction to scripting with Python & PowerShell
- ✓ Configuration management tools (Ansible, Puppet)

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Week 8: Real-World Network Design & Case Studies

- ✓ Enterprise network design considerations
- ✓ Redundancy & high availability strategies
- ✓ Network documentation & best practices

Final Capstone Project (End of 8 Weeks)

Students will complete a project and examination:

- Setting up a complete CompTIA 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 CompTIA Network+ Journey!**

Shape your future with CompTIA Network+.