



Training Program

CCNA Certification Training



1.2 Million
Learners



1-1 Personalized
Mentorship



60% Average
Salary Hike

About Program



Learning Format

Online / Offline



Trainer

Industry Professionals



Career Services

By Croma Campus

Our course content has been specifically designed to turn you into a skilled professional in this industry. As a part of your certification training, you will receive enough study material and recorded video sessions that will help you cover all the latest trends and features in this course. The training session will comprise important sections, features, advantages, and scope of the technology in the coming years. Moreover, our qualified trainers will help you imbibe all the required skills, and information in a much better manner to help you in you becoming an expert in this technology. Post the completion of your course, you will receive a training certificate recognized world-wide.

What Make Us **Tick**



Career-oriented Sessions

Attend 25+ career-oriented sessions by industry mentors and prepare your career trajectory



Mock Interview Preparation

Prepare with mock interviews including most asked questions by top employers



Dedicated Job Portal Access

Get exclusive access to 100s of job postings per month on Croma Campus Intellipaat's job portal



Profile Building

Craft a resume and LinkedIn profile and make an impression on top employers



1:1 Mentoring Sessions

Get 1:1 guidance at every step in your career transition to respective Technology



Guaranteed interviews

Get job interviews with 400+ hiring partners including promising startups and top MNCs

Cisco Certified Network Associate (200-301 CCNA) Training Curriculum

✔ Network Fundamentals

- Explain the role and function of network components
 - Routers
 - L2 and L3 switches
 - Next-generation firewalls and IPS
 - Access points
 - Controllers (Cisco DNA Center and WLC)
 - Endpoints
 - Servers
- Describe characteristics of network topology architectures
 - 2-tier architecture
 - 3-tier architecture
 - Spine-leaf
 - WAN
 - Small office/home office (SOHO)
 - On-premises and cloud
- Compare physical interface and cabling types
 - Single-mode fibre, multimode fibre, copper
 - Connections (Ethernet shared media and point-to-point)
 - Concepts of PoE
- Identify interface and cable issues (collisions, errors, mismatch duplex, and/or speed)
- Compare TCP to UDP
- Configure and verify IPv4 addressing and subnetting
- Describe the need for private IPv4 addressing
- Configure and verify IPv6 addressing and prefix
- Compare IPv6 address types
 - Global unicast
 - Unique local
 - Link local
 - Anycast
 - Multicast
 - Modified EUI 64
- Verify IP parameters for Client OS (Windows, Mac OS, Linux)
- Describe wireless principles

- Nonoverlapping Wi-Fi channels
- SSID
- RF
- Encryption
- Explain virtualization fundamentals (virtual machines)
- Describe switching concepts
 - MAC learning and aging
 - Frame switching
 - Frame flooding
 - MAC address table

✓ Network Access

- Configure and verify VLANs (normal range) spanning multiple switches
 - Access ports (data and voice)
 - Default VLAN
 - Connectivity
- Configure and verify Interswitch connectivity
 - Trunk ports
 - 802.1Q
 - Native VLAN
- Configure and verify Layer 2 discovery protocols (Cisco Discovery Protocol and LLDP)
- Configure and verify (Layer 2/Layer 3) EtherChannel (LACP)
- Describe the need for and basic operations of Rapid PVST+ Spanning Tree Protocol and identify basic operations
 - Root port, root bridge (primary/secondary), and other port names
 - Port states (forwarding/blocking)
 - PortFast benefits
- Compare Cisco Wireless Architectures and AP modes
- Describe physical infrastructure connections of WLAN components (AP, WLC, access/trunk ports, and LAG)
- Describe AP and WLC management access connections (Telnet, SSH, HTTP, HTTPS, console, and TACACS+/RADIUS)
- Configure the components of a wireless LAN access for client connectivity using GUI only such as WLAN creation, security settings, QoS profiles, and advanced WLAN settings

✓ IP Connectivity

- Interpret the components of routing table
 - Routing protocol code
 - Prefix
 - Network mask
 - Next hop
 - Administrative distance
 - Metric
 - Gateway of last resort
- Determine how a router makes a forwarding decision by default
 - Longest match
 - Administrative distance
 - Routing protocol metric
- Configure and verify IPv4 and IPv6 static routing
 - Default route
 - Network route
 - 33Host route
 - Floating static
- Configure and verify single area OSPFv2
 - Neighbour adjacencies
 - Point-to-point
 - Broadcast (DR/BDR selection)
 - Router ID
- Describe the purpose of first hop redundancy protocol

✓ IP Services

- Configure and verify inside source NAT using static and pools
- Configure and verify NTP operating in a client and server mode
- Explain the role of DHCP and DNS within the network
- Explain the function of SNMP in network operations
- Describe the use of syslog features including facilities and levels
- Configure and verify DHCP client and relay
- Explain the forwarding per-hop behavior (PHB) for QoS such as classification, marking, queuing, congestion, policing, shaping
- Configure network devices for remote access using SSH
- Describe the capabilities and function of TFTP/FTP in the network

✔ Security Fundamentals

- Define key security concepts (threats, vulnerabilities, exploits, and mitigation techniques)
- Describe security program elements (user awareness, training, and physical access control)
- Configure device access control using local passwords
- Describe security password policies elements, such as management, complexity, and password alternatives (multifactor authentication, certificates, and biometrics)
- Describe remote access and site-to-site VPNs
- Configure and verify access control lists
- Configure Layer 2 security features (DHCP snooping, dynamic ARP inspection, and port security)
- Differentiate authentication, authorization, and accounting concepts
- Describe wireless security protocols (WPA, WPA2, and WPA3)
- Configure WLAN using WPA2 PSK using the GUI

✔ Automation and Programmability

- Explain how automation impacts network management
- Compare traditional networks with controller-based networking
- Describe controller-based and software defined architectures (overlay, underlay, and fabric)
 - Separation of control plane and data plane
 - North-bound and south-bound APIs
- Compare traditional campus device management with Cisco DNA Center enabled device management
- Describe characteristics of REST-based APIs (CRUD, HTTP verbs, and data encoding)
- Recognize the capabilities of configuration management mechanisms Puppet, Chef, and Ansible
- Interpret JSON encoded data

✔ Placement Guide

- Tips to clear an Interview
- Common Interview questions and answers
- CCNA (200-301) Interview Questions and Answers
- Resume Building Guide
- Attempt for Global Certification Exam
- Start applying for Jobs

e-Learning through LMS

Learning Management System

Our LMS (LearnPitch) is for the administration, documentation, tracking, reporting, automation, and delivery of educational courses, training programs, or learning and development programs.

Our LMS has been designed to identify training and learning gaps, using analytical data and reporting to keep you up with the class activities.

Key Features Learning Management System



Live Sessions with Class recordings



Get study material with Assignments.



Track your curriculum covered.



Track your class wise attendance



Share your feedback for Trainer & Training



Get your Training Certificate from LMS



Training Certification

Earn Your Certificate

Your certificate and skills are vital to the extent of jump-starting your career and giving you a chance to compete in a global space.



Croma Campus! Reviews



“The most rewarding part of my experience has been achieving a prestigious certification in the subject that I love. Moreover, the training offered out by the specialists are of world-class and prepares out the students for corporate world. For me Croma Campus means a lot.”

“*By The Students For The Students,*”

Your Success Is **Our Story**



Bharat

“ I am fully satisfied with the excellent training services received by the expert staff at Croma Campus. I want to thank Croma Campus for providing me with the most innovative and affordable training services for learning all the software testing procedures and guidelines. ”



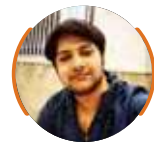
Ankit

“ It was a lifetime experience for me to get trained by IT Experts of Croma Campus. What I liked most about the training was the consistent high-quality education, which was friendly and co-active. The placement department was also proactive, they keep me updated regarding new job opportunities and provide the grooming session to crack the interview. At last, I would like to thank all faculty members of Croma Campus for their immense help and support. ”



Nitesh

“ Without any second thought, I will give Croma Campus 10/10. Their placement department is highly proactive. I remember they started scheduling interviews for me from the very next day when I told them my course has been completed. These people are doing a phenomenal job and I highly recommend Croma Campus to everyone. ”



Shams Khan

“ Croma Campus is doing a phenomenal job in the IT training industry. The reason why I decided to join their training program was that they provide quality training at very a nominal price. Plus, the online training mode was also a factor due to which I decided to join the training program of Croma Campus as I didn't want to attend physical classes. ”



Meet Our Team



Sales Team

Our Sales team is highly passionate, emphatic, positive attitude, great listening skills, ability to deliver quick solutions, and they are multitasker too. Our team always remains up-to-date about all the latest technologies and market trends. With effective communication skills, they always work to deliver the right information to customers when it is needed.

Product Team

Our product team is highly functional and collaborative working together to achieve the common outcome of designing exceptional digital experiences. Each of our members is a contributor to help us achieve success in long-run. Sitting at the high-end of technology and innovation, team helps to deliver high-end customer experiences and always comes out with a big idea as a game-changing plan.



Marketing Team

Our Marketing team works as gladiators and helps us to achieve business success in all possible ways. They are included in almost everything either it is building a brand, creating brand awareness, promoting products or services, delivering trailblazing customer experiences or increasing engagement at public forums. They are the true backbone of the Company.

Content Team

Our content team is responsible for ideation, creation, optimization, and distribution of content throughout the company. The team always starts its work with a strategy, how to create high-quality contents, and how to promote or share the content. Our in-house content team help us to produce all types of contents either they are educational content pieces, marketing content, SEO content, or any other forms too.



Customer Access Team

This is the team that has actually been taken up us from reactive state to a pro-active state. The team utilizes high-valued solutions to satisfy customers in all possible ways. It is truly said that no company can succeed if your customers are not satisfied. And our customer success team is dedicatedly working to keep all the customers satisfied and we always consider our customer feedback on priority.

HR Team

Our HR team is committed to provide high-end solutions to employees as they require. Our HR team has the right skills and knowledge to make sure that the HR department can always be legally and strategically successful. They know how to keep employees motivated all the time with the best HR policies and fun activities too from time to time.

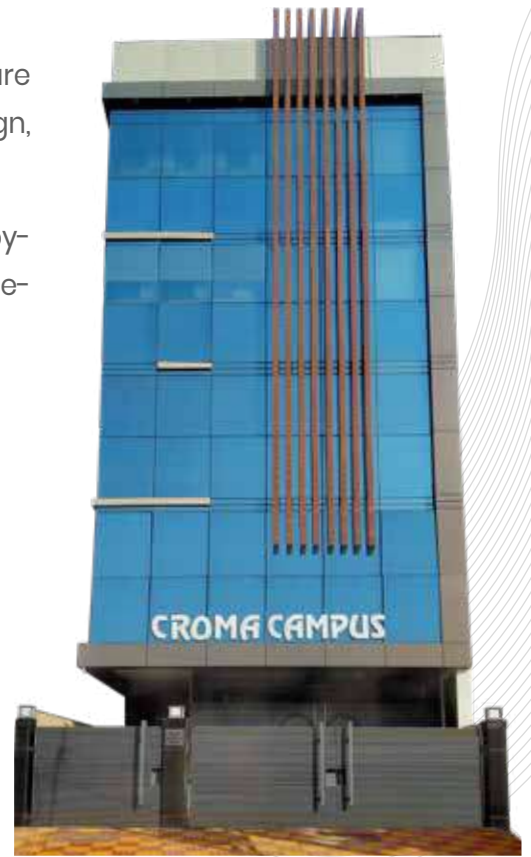


Glimpse Of Our Office

Look **Who We are**

Our office's infrastructure comprises all the necessary software and network resources that are required to deliver IT & Design, Human Resources, Digital Marketing, and training services.

We are well-equipped with bright designed work bays for employees and managers having separate cabins with spacious cafeteria and training classrooms.



About Cromacampus

“ Our Mission is to Build Nation through Education & Beyond Limitation. ”

Croma Campus Training & Development Private Limited is an education platform providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty, industry & Infrastructure. In the past 12 years we have trained 18000+ candidates and out of which we are able to place 12000+ professionals in various industries successfully.



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