

CCNP COURSE SYLLABUS

V1.1 (350-401)

Total Duration-60 hours



Career Opportunities After CCNP

- Kickstart your career as a CCNP-certified Network Professional with strong global demand across enterprise IT environments.
- CCNP certification builds advanced expertise in enterprise networking, routing, switching, and troubleshooting, opening doors to high-paying roles in top IT firms.



Expected Salary After CCNP

- Freshers with CCNP can expect starting packages of ₹5–8 LPA, while experienced professionals can scale up to ₹10–18 LPA or more, depending on role and location.
- CCNP certification unlocks global career opportunities with competitive pay across enterprise networking, security, cloud infrastructure, and advanced networking domains.

Why Choose Innovative Academy for CCNP?

- Learn from Cisco-certified CCNP experts with real industry experience, advanced hands-on labs, and 1:1 mentorship.
- We don't just train — we prepare you for CCNP global certification and job readiness with proven results: 1000+ students trained and a 90% success rate at Innovative Academy.



Meet Your CCNPTeacher

- Our lead CCNP trainer is a Cisco-certified professional (CCNA, CCNP) with 10+ years of industry and teaching experience.
- Having trained 800+ students, he delivers real-world networking scenarios with a strong doubt-clearing, practical, and exam-ready approach, driving consistent student success.

"You don't just study CCNP—you live it, lab it, and lead with it."

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1. Architecture

- Explain the different design principles used in an enterprise network
- Explain the working principles of the Cisco Catalyst SD-WAN solution
- Explain the working principles of the Cisco SD-Access solution
- Interpret QoS configurations

2. Virtualization

- Describe device virtualization technologies
- Configure and verify data path virtualization technologies
- Describe network virtualization concepts

3. Infrastructure

- Layer 2
- Layer 3
- IP Services

4. Network Assurance

- Diagnose network problems using such as debugs, conditional debugs, traceroute, ping, SNMP, and syslog
- Configure and verify Flexible NetFlow
- Configure SPAN/RSPAN/ERSPAN
- Configure and verify IPSLA
- Describe how Cisco Catalyst Center (formerly Cisco DNA Center) is used to apply network configuration, monitoring, and management using traditional and AI-powered workflows
- Configure and verify NETCONF and RESTCONF

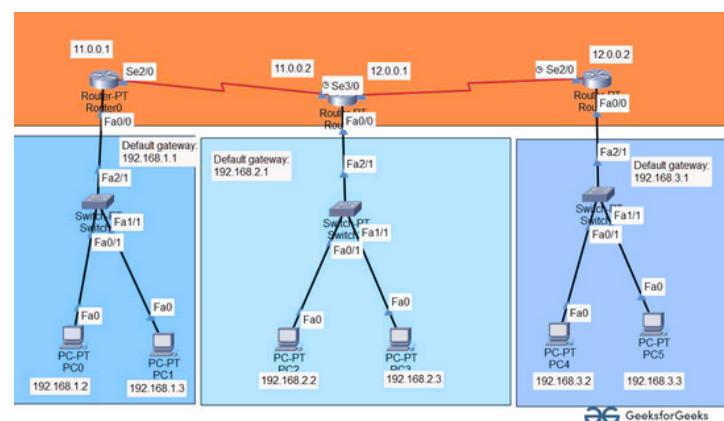
5. Security

- Configure and verify device access control
- Configure and verify infrastructure security features
- Describe REST API security
- Describe the components of network security design

6. Automation and Artificial Intelligence

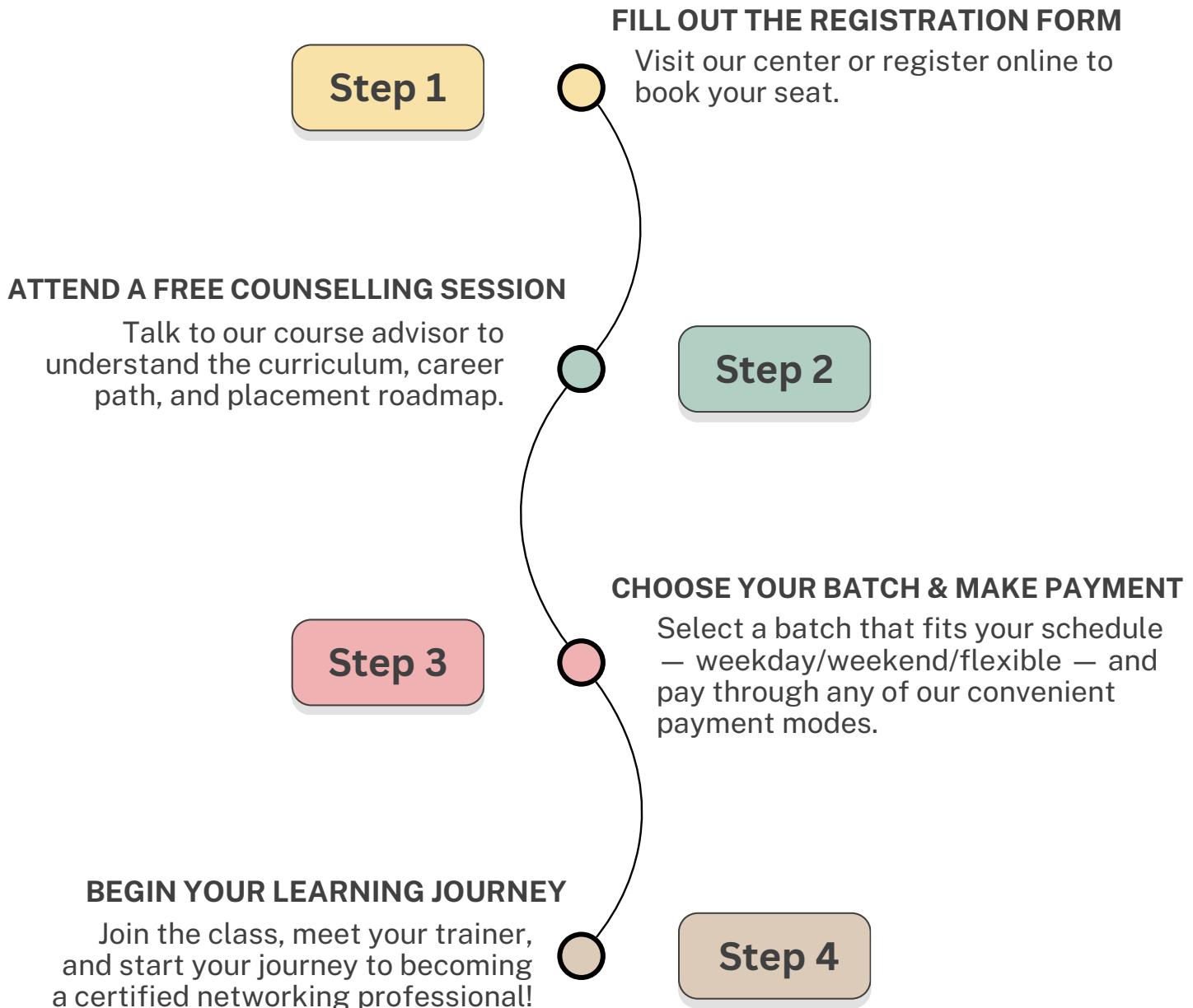
- Interpret basic Python components and scripts
- Construct valid JSON-encoded files
- Describe the high-level principles and benefits of a data modeling language, such as YANG
- Describe APIs for Cisco Catalyst Center and SD-WAN Manager
- Interpret REST API response codes and results in payload using Cisco Catalyst Center and RESTCONF
- Construct an EEM applet to automate configuration, troubleshooting, or data collection
- Compare agent vs. agentless orchestration tools

Additional Hours- Resume preparations, personality development sessions, technical round preparations and mock interview sessions. We ensure all our students from both IT and Non IT background are placed with decent package as fresher in the industry



OUR ADMISSION PROCESS

GETTING STARTED AT INNOVATIVE ACADEMY IS SIMPLE AND STUDENT-FRIENDLY



“THE SOONER YOU START, THE SOONER YOU SUCCEED.”



HOW OUR PLACEMENT TEAM SUPPORTS YOU

AT INNOVATIVE ACADEMY, PLACEMENT ISN'T AN AFTERTHOUGHT — IT'S BUILT INTO THE JOURNEY.

1 Dedicated HR Support



Get 1-on-1 guidance from our in-house HR expert to help apply for jobs, understand interview formats, and improve communication.

2 Communication & Soft Skills Training



Build confidence with regular sessions focused on speaking clearly, answering smartly, and presenting yourself professionally.

3 Daily Job Alerts in WhatsApp Group



Access exclusive job openings, walk-ins, MNC hiring drives, and company updates posted regularly in our dedicated placement group.

4 Mock Interviews & Resume Building



Practice real-world interview scenarios and get help crafting a resume that gets noticed by recruiters.



Resume Help



Mock Interviews



Job Openings



HR Mentorship



WhatsApp Support



Communication Classes

MORE INFO

CONTACT US



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www.innovativeacademy.in

Why Choose Us?



Proven
Success



Expertise



100%
Placement

"From zero to network hero—your transformation starts here."