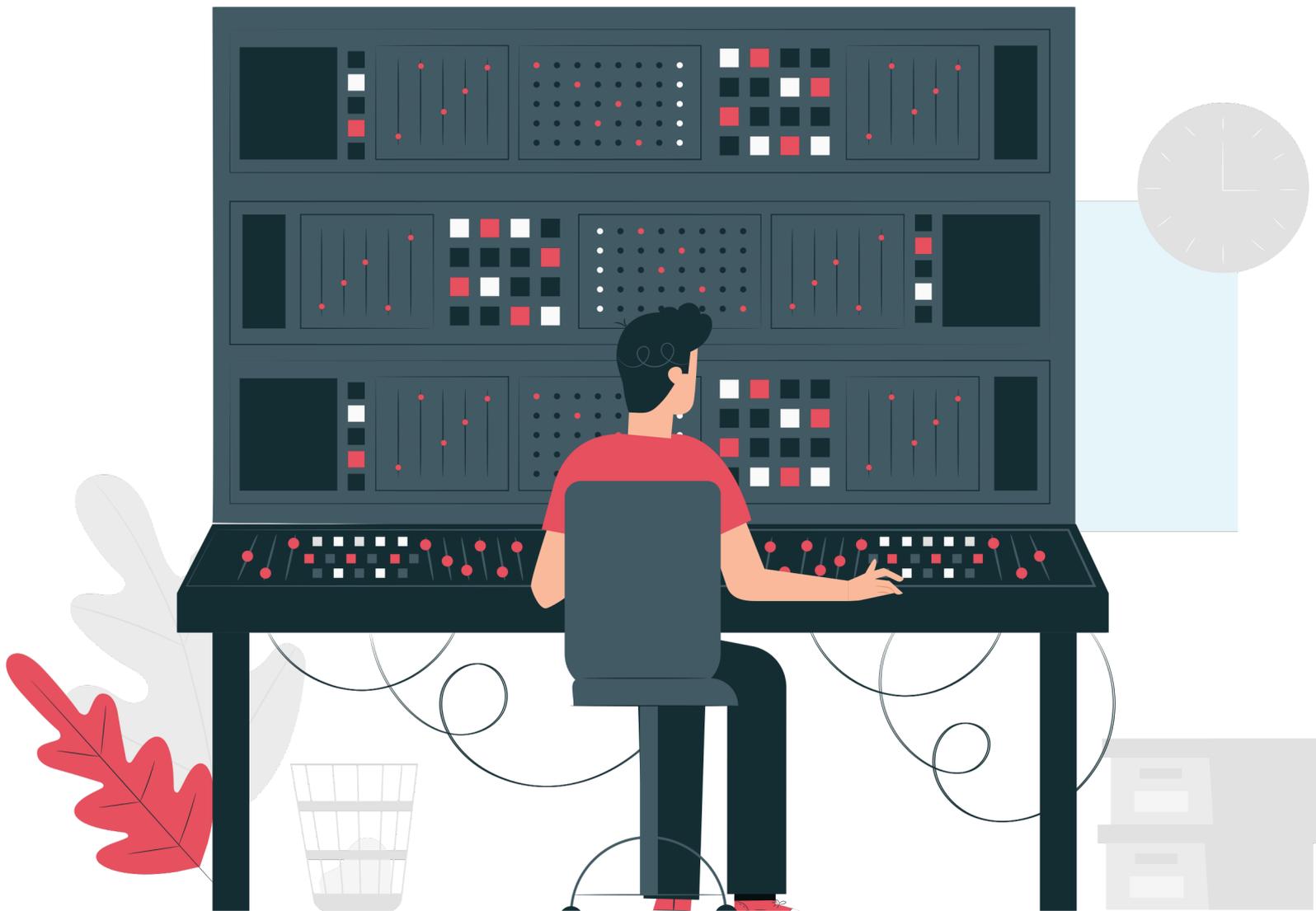


NS3EDU.

Learn Today  Earn Tomorrow

# CCIE Collaboration COURSE OUTLINE

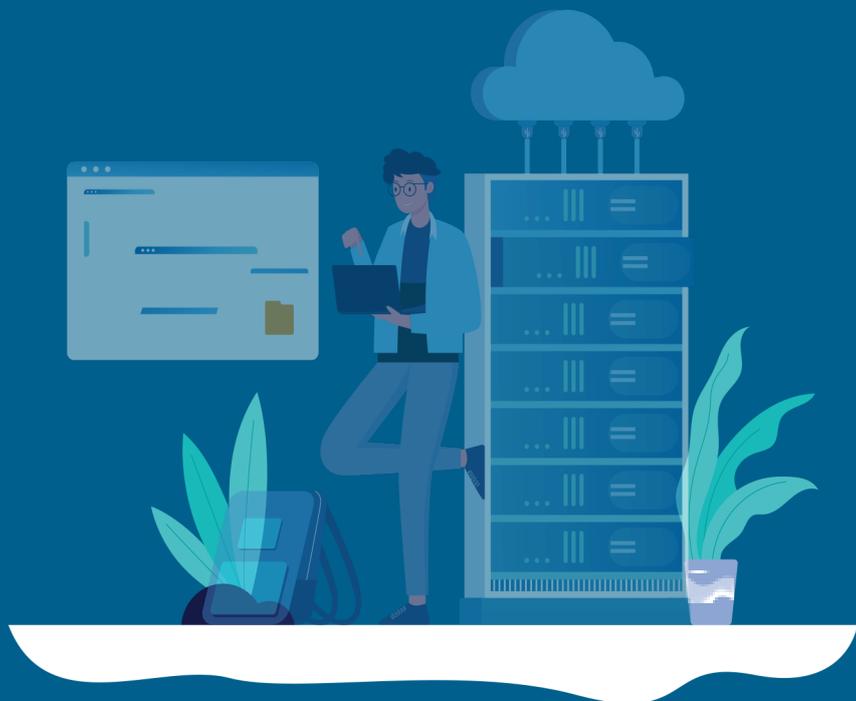


# TABLE OF CONTENT

1	Overview	3
2	Roadmap of Job Placements	4
3	USP's	5
4	Course Outline	6-8
5	Our Placement Partner	9



# NS3EDU:BRIDGE YOUR IT DREAMS TO REALITY



## EMPOWERING CAREER THROUGH KNOWLEDGE

Looking to make it big in the world of IT networking? Look no further than NS3Edu! We help beginners learn the ropes & experienced pros master new skills. Come join us and build your dream career!



## MISSION

The mission of NS3Edu is to

empower our candidates with in-depth knowledge of IT fundamentals along with real-time industry experience and also take 100% responsibility for the placement by making them Industry fit.

## CERTIFICATES



## VISION

In-depth knowledge + hands-on experience + analytical thinking = placement



Learning



Opportunity



Experience



Career



# ROADMAP OF JOB

# PLACEMENT

Confused in **Different** Career Options



**Qualifies-** Job Placement



Counselling & **Demo** sessions



Opportunities for **Job** Placement



Student Enrollment & Induction **session**



Screening by Corporate **HR & Tech** Team



Course **Kick off** (Live Classes)



2 Week **Technical Task** Training



**Access to** Recorded Sessions, E book & Lab Manual



NS3 Tech **Industrial** Exposure



Course **Completion**



# WHAT MAKES US UNIQUE?

## USP'S



# COURSE OUTLINE

## Week 1

- Describe the call setup and teardown process for a SIP device including codec negotiation using Session Description Protocol (SDP) and media channel setup
- Integrating Cisco Unified Communications Manager IM and Presence and Cisco Jabber
- Understanding & Implementing Cisco Meeting Server Deployment Models and their Core Components.
- How to enable Recording on Cisco Meeting Server
- CUCM Provisioning Interfaces: Administrative XML Interface (AXL) & Using AXL and Soap Methods for Provisioning Unified CM.

## Week 2

- Implement Cisco Collaboration automated, programmable solutions for voice, video, collaboration & conferencing on-premi
- Implement Globalized Call Routing & Global Dial Plan Replication
- Cisco Extension Mobility such as Single Number Reach and Mobile Voice Access.
- Session Initiation Protocol Uniform Resource Identifier (SIP/ URI) call routing & Call Admission Control
- Cisco Unified Board Element Call deployments, signaling and media protocols, call coverage, and time of day routing

## Week 3

Implement and deploy core collaboration and networking technologies, including infrastructure and design, protocols, codecs and endpoints.

- 12 Implement and deploy Cisco Internetwork Operating System (IOS) XE gateway and media resources, call control, Quality of Service (QoS), and additional Cisco collaboration application
- 13 How to enable Cisco Mobile, remote access, authentication options, and additional Cisco Expressway Series features
- 14 How to leverage collaborative technology to access secure, collaborative work supports including video, voice, content, and remote workloads
- 15 Implement Cisco Unified IM and Presence, Cisco Unity Connection

## Week 4

- Troubleshooting ILS/GDPR Call Routing Issues on CUCM
- Troubleshooting SIP Media Negotiation Issues
- Troubleshoot on-Premises Jabber Login Issues
- Troubleshoot MRA Jabber Login Issues
- Troubleshoot Unity Connection VM Issues

## Week 5

- Troubleshoot WebRTC Login
- Troubleshoot URI Dialing
- Troubleshoot CUCM DB Replication Issues
- Best Design Practices and Recommendation for CUCM
- CUCM Upgrade and Migration

## Week 6

- Design Recommendation for Expressway
- CMS Deployment Model
- Design for Unity Connection Cluster
- On-Premises Cisco IM and Presence Service Cluster
- On-Premises Cisco IM and Presence Service High Availability & Deployment Model

# OUR PLACEMENT PARTNERS



## YOUR FUTURE OUR RESPONSIBILITY



Free consulting



Get trained with certified trainers



24X7 Lab access



Employability enhancement program

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Cloud Service

CLOUD SERVICE



Full Stack Development

FULL STACK DEVELOPMENT



DIGITAL MARKETING

DIGITAL MARKETING



DATA SCIENCE

DATA SCIENCE



AI ML LEARNING

AI ML LEARNING