

# Cisco Understanding Cisco Collaboration Foundations v1.1 (CLFNDU)

**Duration:** 40.00 hours (5 days)

**32.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

The Understanding Cisco Collaboration Foundations (CLFNDU) v1.1 course gives you the skills and knowledge needed to administer and support a simple, single-site Cisco® Unified Communications Manager (CM) solution with Session Initiation Protocol (SIP) gateway. The course covers initial parameters, management of devices including phones and video endpoints, management of users, and management of media resources, as well as Cisco Unified Communications solutions maintenance and troubleshooting tools. In addition, you will learn the basics of SIP dial plans including connectivity to Public Switched Telephone Network (PSTN) services, and how to use class-of-service capabilities.

## About This Course

The Understanding Cisco Collaboration Foundations (CLFNDU) v1.1 course gives you the skills and knowledge needed to administer and support a simple, single-site Cisco® Unified Communications Manager (CM) solution with Session Initiation Protocol (SIP) gateway. The course covers initial parameters, management of devices including phones and video endpoints, management of users, and management of media resources, as well as Cisco Unified Communications solutions maintenance and troubleshooting tools. In addition, you will learn the basics of SIP dial plans including connectivity to Public Switched Telephone Network (PSTN) services, and how to use class-of-service capabilities.

## Who Should Attend

---

Students preparing to take the CCNP Collaboration certification

Network administrators

Network engineers

Systems engineers

# Learning Outcomes

---

**Upon successful completion of this course, participants will be able to:**

After taking this course, you should be able to:

- Define collaboration and describe the main purpose of key devices in a Cisco collaboration on-premise,

hybrid, and cloud deployment model

- Configure and modify required parameters in Cisco Unified Communications Manager (CM) including service activation, enterprise parameters, CM groups, time settings, and device pool

- Deploy and troubleshoot IP phones via auto registration and manual configuration within Cisco Unified CM

- Describe the call setup and teardown process for a SIP device including codec negotiation using Session

Description Protocol (SDP) and media channel setup

- Manage Cisco Unified CM user accounts (local and via Lightweight Directory Access Protocol [LDAP])

including the role/group, service profile, UC service, and credential policy

- Configure dial plan elements within a single site Cisco Unified CM deployment including Route Groups,

Local Route Group, Route Lists, Route Patterns, Translation Patterns, Transforms, SIP Trunks, and SIP

Route Patterns

- Configure Class of Control on Cisco Unified CM to control which devices and lines have access to

services

- Configure Cisco Unified CM for Cisco Jabber and implement common endpoint features including call park, softkeys, shared lines, and pickup groups
- Deploy a simple SIP dial plan on a Cisco Integrated Service Routers (ISR) gateway to enable access to the PSTN network
- Manage Cisco UCM access to media resources available within Cisco UCM and Cisco ISR gateways
- Describe tools for reporting and maintenance including Unified Reports, Cisco Real-Time Monitoring Tool (RTMT), Disaster Recovery System (DRS), and Call Detail Records (CDRs) within Cisco Unified CM
- Describe additional considerations for deploying video endpoints in Cisco Unified CM
- Describe the integration of Cisco Unity® with Cisco Unified CM and the default call handler

## Additional Course Details

---

Nexus Humans Cisco Understanding Cisco Collaboration Foundations v1.1 (CLFNDU) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Understanding Cisco Collaboration Foundations v1.1 (CLFNDU) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

---

## **Q: What delivery options are available for Cisco Understanding Cisco Collaboration Foundations v1.1 (CLFNDU)?**

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
  - Traditional Instructor-Led Classroom Training (ILT)
  - On-site delivery at your offices anywhere in United Kingdom
  - Private dedicated courses customized for your team
- 

## **Q: How many CPD hours does this course provide?**

The 5-day Cisco Understanding Cisco Collaboration Foundations v1.1 (CLFNDU) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

---

## **Q: What is the duration of the Cisco Understanding Cisco Collaboration Foundations v1.1 (CLFNDU) training?**

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

---

## **Q: Do you provide corporate training for Cisco Understanding Cisco Collaboration Foundations v1.1 (CLFNDU)?**

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Understanding Cisco Collaboration Foundations v1.1 (CLFNDU). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

---

## Q: Why choose Nexus Human for Cisco Understanding Cisco Collaboration Foundations v1.1 (CLFNDU)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024


---

## Q: Are there any discount codes available?


Yes! Use discount code **PENPALS** when booking your Cisco Understanding Cisco Collaboration Foundations v1.1 (CLFNDU) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

## Nexus Human

### Professional Training & Development

 Email: [info@nexushuman.com](mailto:info@nexushuman.com)

 Website: [www.nexushuman.com](http://www.nexushuman.com)

 Phone: +353 1 XXX XXXX (Ireland) | +44 20 XXXX XXXX (UK)