

## Cisco® Implementing Automation for Cisco® Collaboration Solutions (CLAUI)

### Overview

This course teaches you how to implement Cisco® Collaboration automated, programmable solutions for voice, video, collaboration, and conferencing on-premises or in the cloud, including Cisco Unified Communications Manager, Cisco IP Phone Services, Cisco Unity® Connection, Cisco Finesse®, Cisco Collaboration Endpoints, Cisco Webex Teams™, and Cisco Webex® Meetings. You will also learn how to use Application Programming Interfaces (APIs) interfaces such as Representational State Transfer (REST) and Simple Object Access Protocol (SOAP), parsing data in Extensible Markup Language (XML) and JavaScript Object Notation (JSON) formats, and leverage frameworks such as Python. This course prepares you for the 300-835 Automating and Programming Cisco Collaboration Solutions (CLAUTO) certification exam, and specialization toward the CCNP Collaboration certification.

### Prerequisite Comments

Before taking this course, you should have the following knowledge and skills:  
 Basic knowledge of Simple Object Access Protocol (SOAP) and REST APIs  
 Basic programming and scripting skills in Python  
 Intermediate knowledge in managing and configuring three or more of the following Cisco Collaboration offerings:

Cisco Unified Communications Manager

Cisco IP Phones

Cisco Finesse

Cisco Webex Devices (Collaboration and Video Endpoints)

Cisco Webex Teams

The following Cisco courses can help you gain the knowledge you need to prepare for this course:

Implementing and Administering Cisco Solutions (CCNA®)

Introducing Automation for Cisco Solutions (CSAU)

Implementing and Operating Cisco Collaboration Core Technologies (CLCOR)

Understanding Cisco Collaboration Foundations (CLFNDU)

Programming Use Cases for Cisco Digital Network Architecture (DNAPUC)

Introducing Cisco Network Programmability (NPICNP)

### Target Audience

This course is designed for network and software engineers interested in Cisco Collaboration and Webex automation and who hold job roles such as:

Collaboration Sales Engineer

Collaboration Software Developer

Collaboration Solutions Architect

Consulting Systems Engineer

[Register Online](#)

### Schedule

Class Length: 3 Days

G2R = "Guaranteed to Run" | OLL = "Online LIVE"  
 ILT = "Instructor-Led-Training"

08/29/22	3:00PM - 12:00AM	Tallinn	OLL	€ 3000.00
11/28/22	3:00PM - 12:00AM	Tallinn	OLL	£ 3000.00

Network Administrator  
Network Engineer  
Network Manager  
Software Architect  
Software Developer  
Systems Engineer  
Technical Solutions Architect  
Wireless Design Engineer  
Wireless Engineer

## Course Objectives

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After taking this course, you should be able to:

Examine API and automation capabilities and concepts for Cisco Unified Communication Manager  
Examine API and automation capabilities and concepts for Cisco Unity Connection  
Examine API and automation capabilities and concepts for Cisco Finesse  
Examine Experience API (xAPI) and automation capabilities and concepts for Cisco Collaboration endpoints  
Examine API and automation capabilities and concepts for Cisco Webex Teams  
Examine API and automation capabilities and concepts for Cisco Webex Meetings

## Course Outline

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### 1 - Course Outline

Automating Cisco Unified Communications Manager  
Automating Cisco Unity Connection  
Automating Cisco Finesse  
Examining Cisco Collaboration Endpoint Automation  
Examining Cisco Cloud Collaboration Automation  
Examining Cisco Conferencing Automation

## 2 - Lab outline

- Configure the Initial Collaboration Lab Environment
- Verify Phone Details
- Configure Phone Line Label
- Configure User Pin
- Configure System Forward No Answer Timer
- Configure Route Plan Report
- Deploy Basic SQL Query
- Deploy Advanced SQL Query
- Configure an Alternate Extension in Cisco Unity Connection
- Configure Voicemail Pin
- Verify Agent Settings
- Deploy Gadget
- Deploy Modify Call Via Video Codec
- Configure System Name and Branding
- Deploy and Monitor Video Call
- Configure Custom Control Panel
- Deploy Macro
- Verify Cisco Webex Organization and License Information
- Configure New Cisco Webex Teams Room
- Deploy Interactive Bot
- Deploy Widget
- Configure Cisco Webex Meetings User
- Configure and Record Cisco Webex Meeting
- Verify System Status
- Configure Host Access on Cisco Meeting Server Spaces