



Collaboration Communications Systems Engineer (MS-721T00)

ID MS-721T00 Price 2,190.— €(excl. tax) Duration 4 days

Course Overview

This training course is designed to give participants the knowledge and skills to become a Collaboration Communications Systems Engineer. Participants should understand the fundamentals of networking, telecommunications, audio/visual and meeting room technologies, identity and access management, and Microsoft Teams.

They will gain hands-on experience configuring and deploying Microsoft Teams Phone, meetings and certified devices including Microsoft Teams Rooms and Surface Hub. The course will also cover how to manage and monitor Teams Phone, meetings, and certified devices using the Microsoft Teams admin center, PowerShell, the Microsoft Teams Rooms Pro Portal, and the Call Quality Dashboard.

In addition, the course will cover configuring and deploying Microsoft Teams Phone with PSTN connectivity through Microsoft Calling Plans, Operator Connect, Teams Phone Mobile, and Direct Routing.

Who should attend

Collaboration Communications Systems Engineers are responsible for planning, deploying, configuring, maintaining, and troubleshooting Microsoft Teams Phone, meetings, and personal and shared space devices, including Microsoft Teams Rooms and Surface Hub.

Collaboration Communications Systems Engineers have a fundamental understanding of networking, telecommunications, audio/visual and meeting room technologies, identity and access management.

They are proficient in managing and monitoring Teams Phone, meetings, and certified devices using the Microsoft Teams admin center, PowerShell, the Microsoft Teams Rooms Pro Portal, and the Call Quality Dashboard. They deploy and configure Microsoft Teams Phone with PSTN connectivity through Microsoft Calling

Plans, Operator Connect, Teams Phone Mobile, and Direct Routing.

Collaboration Communications Systems Engineers work with Teams Administrators, Microsoft Identity and Access Administrators, and Microsoft 365 Administrators. In addition, they may work with owners of other workloads, including facilities managers, network engineers, security engineers, device manufacturers, telephony providers, and Microsoft Certified solutions providers.

This course is part of the following Certifications

Microsoft 365 Certified: Collaboration Communications Systems Engineer Associate (CCSEA)

Prerequisites

Before attending this course, students should have general knowledge of the following topics:

- Microsoft 365 and Microsoft Teams
- Networking, telecommunications, and audio/visual basics
- Identity and access management basics

Course Content

- Introduction to Teams meetings and calling
- Plan for Teams Phone
- Plan for Microsoft Teams Rooms and Surface Hub
- Plan and optimize network performance for Teams media
- Configure and deploy Teams Phone
- Configure and deploy Teams Phone with Direct Routing
- Extend Teams Phone with additional services
- Manage meetings and events experiences
- Guided project - Create and assign Teams policies to meet business requirements in Microsoft Teams
- Configure and manage voice users
- Configure auto attendants and call queues
- Configure, deploy, and manage Teams devices
- Guided project - Prepare meeting room experiences
- Monitor and troubleshoot Teams collaboration communications systems



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