

Physical Installation of Cisco TelePresence Systems (PITS)

Course Objectives

Physical Installation of Cisco TelePresence Systems (PITS) v1.0 is a two-day instructor-led course designed to help you prepare for the Cisco TelePresence Solutions Specialist certification, a professional-level certification for learners specializing in the Cisco TelePresence field. This course is a component of the Cisco TelePresence Solutions Specialist curriculum. The course is designed to give you a firm understanding of the physical installation of Cisco TelePresence units. The course reinforces the instruction by providing hands-on labs.

Prerequisites

The knowledge and skills you must have before attending this course are as follows:

- Basic computer literacy
- Basic Windows navigation skills
- Basic Internet usage skills
- Basic email usage skills

Course Outline

Module 1: Introduction to Cisco TelePresence

Describe a Cisco TelePresence solution and the technology that makes it work.

- Lesson 1: Exploring the Cisco TelePresence Solution
- Lesson 2: Exploring the Cisco TelePresence Environments

Module 2: Cisco TelePresence Planning and Assessment

Describe the four phases of the Cisco TelePresence Experience and Order Assurance process and the steps that are necessary for a successful deployment.

- Lesson 1: Managing the Project and Product Order
- Lesson 2: Examining Room Readiness Requirements
- Lesson 3: Examining the Basics of Acoustics
- Lesson 4: Examining Lighting Basics
- Lesson 5: Examining Lighting Basics
- Lesson 6: Planning a Cisco TelePresence Room Design

Module 3: Physical Assembly and Logistics

Describe the physical assembly and tuning of the Cisco TelePresence systems.

- Lesson 1: Preparing for a Cisco TelePresence System Installation
- Lesson 2: Assembling the Cisco TelePresence Systems 3000 and 3200

- Lesson 3: Assembling the Cisco TelePresence Systems 500, 1000, 1100, and 1300
- Lesson 4: Installing Auxiliary Displays
- Lesson 5: Installing a Document Camera
- Lesson 6: Wiring
- Lesson 7: Tuning the Cisco TelePresence System

Labs:

- Using RRA Measuring and Test Equipment
- Performing an RRA Environmental Assessment
- Measuring RRA Acoustics and Illumination
- Assembling the Endpoints
- Programming the Codec
- Tuning the Cisco TelePresence Cameras and Testing Audio