Cisco Optical Technology Foundations (OPTFND)

Description

The **Cisco Optical Technology Foundations (OPTFND)** training delves into the essential topics of fiber optics technology for telecommunications. Starting with an introduction to fiber optics principles, it progresses through optical fiber solutions and applications. The training also explores Dense Wavelength Division Multiplexing (DWDM) and optical network components. Training on installation, maintenance, and troubleshooting prepares you for real-world challenges. The training concludes with management systems, emphasizing the strategic oversight of optical networks.

How you'll benefit

This training will help you:

- Gain a comprehensive understanding of fiber optics principles, including installation, maintenance, troubleshooting, and management
- Learn about DWDM and optical network components
- Become an asset in the telecommunications industry

Who should enroll

- Installation Technicians
- Implementation Engineers
- Network Support Technicians

Technology areas

- Telecommunications

Objectives

- Identify the types of fiber optic cables, how they are constructed, how they operate and typical applications of fiber optics
- List the various applications of fiber optics in data and telecommunications
- Identify the different types and functions of components used in DWDM and optical networks

- Describe how to install and maintain fiber optic cables used in data and telecommunications
- Identify the Cisco management systems used to design, implement, and operate optical networks

Prerequisites

There are no prerequisites for this training.

Outline

- Introduction to Fiber Optics
- Optical Fiber Solutions
- Dense Wavelength-Division Multiplexing and Optical Network Components
- Optical Fiber Installation and Maintenance
- Optical Management Systems Solutions

Link

- Cisco U. Learning Path