

Cisco Learning Services Optical Networking



- Connecting the optical cards to create a DWDM system
- Importing the DWDM settings from the Cisco Transport Planner folder
- Creating circuits across the DWDM network

Cisco Optical Networking Offerings

Cisco and its partners can help customers deploy a robust, dependable solution by taking a lifecycle approach that addresses all aspects of deployment, operations, and optimization.

Cisco Optical Networking

Cisco Optical Networking training courses are designed for individuals who install, deploy, and maintain these systems. The DWDM courses include Cisco Transport Planner software that facilitates the design of the DWDM optical network. The SONET course covers fiber-based time-division multiplexing. The Carrier Packet Transport course teaches Ethernet connectivity using MPLS.

What Is the Value of Optical Networking Training?

Cisco ONS 15454 and Network Convergence System (NCS) 2000 Series transmission products are the industry benchmark for dense wavelength-division multiplexing (DWDM), Synchronous Optical Networking (SONET), and packet transmission by Multiprotocol Label Switching (MPLS) Transport Protocol. Cisco Learning Services Optical Networking training offers industry-leading courses that highlight applications and implementations supported by the Cisco ONS 15454 and NCS2000 Series systems.

What Problems Does Optical Networking Training Help Solve?

Trainings are designed for individuals who install, deploy, and maintain Cisco Optical Networking products. The DWDM courses include Cisco Transport Planner software that facilitates the design of the DWDM optical network. SONET covers fiber-based time-division multiplexing. The Carrier Packet Transport course teaches Ethernet connectivity using MPLS. These offerings cover:

- Understanding what DWDM is and how it works
- Mounting the optical equipment in the central office or IT rack space
- Powering and testing the shelves

Cisco Optical Technology Intermediate (COTI)
Cisco Optical Technology Advanced (COTA)
Cisco Fundamentals of Fiber Optics Technology (FFOT)
Cisco NCS 2000 Series Deploying 96-Channel FlexSpectrum (NCS2K-FS)
Cisco ONS Time Division Multiplexing SONET (ONS-TDM)
Cisco Prime Optical Operation and Maintenance (CPOOM)



What Are the Benefits of Optical Networking Training?

These courses are for technical professionals who are responsible for the installation, deployment, and maintenance of Cisco Optical Networking products. Network operations, planners, and designers can also benefit from this training. Additional examples of business benefits include:

- Increasing employee productivity through the understanding of what Cisco Optical Networking products are and how they work
- Ensuring business continuity by learning how to perform maintenance work on the systems, and knowing how to troubleshoot systems in order to isolate and replace component failures
- Optimizing costs through the examination and optimization of the network components performance



Why Cisco?

Cisco Learning Services provides comprehensive, customer-oriented solutions for skill development. It helps speed the adoption and migration of core and advanced technologies. The primary mission of Cisco Learning Services is to help Cisco customers optimize their network investments.

Working closely with Cisco engineers, Cisco Learning Services helps to ensure all courses are aligned with engineering best practices and recommendations. Through Cisco Learning Services, you will receive training for leading-edge Cisco technologies and platforms. From hands-on, instructor-led training to training-on-demand, learning labs, workshops, and boot camp sessions, Cisco Learning Services has solutions that fit your schedule and learning preference.

To learn more about the Cisco Learning Services Optical Networking courses, visit http://www.cisco.com/web/learning/learning_services/courses/optical.html.



To learn more about additional Cisco Learning Services offerings, visit <http://www.cisco.com/go/cls>.

