

Cisco Optical Technology Intermediate (OPT200)

Duration: 32.00 hours (4 days)

26.0 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

In this course, you will learn the skills necessary to deploy a Cisco Network Convergence System (NCS) 2000 Series network. You will also learn how to perform node turnup. The course covers three shelf types, the Cisco ONS 15454 M12 Multiservice Transport Platform (MSTP), NCS 2006, and NCS 2002. You will learn how to deploy linear and ring dense-wavelength-division-multiplexing (DWDM) topologies. The course covers multiplexer-demultiplexer cards, Erbium-doped-fiber amplifier cards, Raman amplifiers, transponder cards, and the newest Cisco Any Rate muxponder cards and crossponder cards. These cards are used in terminal, amplifier, and reconfigurable optical add-drop multiplexer (ROADM) node configurations. You configure wavelength-selective switch (WSS) linear and single-module ROADM (SMR) rings. This Optical Technical Training Intermediate course covers 10-gigabit unprotected circuits and 10-gigabit protection using Y-cable, optical channel transport unit-2 (OTU-2), and protection switch module (PSM) cards. Learn more about this NCS 2000 training course below.

About This Course

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Who Should Attend

The primary audience for this course is as follows:

- Technical professionals who are responsible for installation, deployment, and maintenance of the Cisco ONS 15454 MSTP network
- Network operations, planners, and designers
- Network operations engineers

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Upon completing this course, the learner will be able to meet these overall objectives:

Connect to a Cisco ONS 15454 MSTP chassis using Cisco Transport Controller (CTC)

Identify Node configurations according to card population Provision DWDM circuits using the Cisco Transport Controller (CTC)

Conduct performance monitoring, alarm verification, and fault isolation

Provision M12 WSS in linear and M6 SMR nodes in ring topologies

Configuration options for the any rate muxponder and crossponder

Perform Raman amplifier initialization

Isolate optical network issues

Additional Course Details

Nexus Humans Cisco Optical Technology Intermediate (OPT200) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Cisco Optical Technology Intermediate (OPT200) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Cisco Optical Technology Intermediate (OPT200)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
 - Traditional Instructor-Led Classroom Training (ILT)
 - On-site delivery at your offices anywhere in United Kingdom
 - Private dedicated courses customized for your team
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Q: How many CPD hours does this course provide?

The 4-day Cisco Optical Technology Intermediate (OPT200) course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Cisco Optical Technology Intermediate (OPT200) training?

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Cisco Optical Technology Intermediate (OPT200)?

Yes, we provide corporate training, dedicated training, and closed classes for Cisco Optical Technology Intermediate (OPT200). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Cisco Optical Technology Intermediate (OPT200)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Cisco Optical Technology Intermediate (OPT200) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

 Email: info@nexushuman.com

 Website: www.nexushuman.com

 Phone: +353 1 XXX XXXX (Ireland) | +44 20 XXXX XXXX (UK)