HCNA Transmission FT

Huawei Certified Network Associate Transmission Fast Track

Duration:
5 days

Price:
€ 2,650.00 excl. VAT

Who should attend?
Personnel who are going to take HCNA HTTD(Huawei Certified Network Associate-Transmission Technologies and Device) exam
Personnel who expect to learn about basic optical transmission principles and Huawei SDH equipment operation

Prerequisites:
Having a general knowledge of telecommunications

HCNA Transmission Certification:
H31-311 - HCNA-Transmission (Huawei Certified Network Associate-Transmission Technologies and Device)

Course Objectives:
On completion of this program, the participants will be able to:

- Describe SDH working principle
- Describe WDM working principle
- Describe OTN working principle
- Describe Ethernet working principle
- Describe the basic concept of MPLS
- Describe the basic concept of PWE3
- Describe the common SDH network topologies and their features
- Explain the protection mechanism of MSP/SNCP
- Explain the system structure and features of the OptiX OSN 3500 equipment
- State the main functions of the boards in the OptiX OSN 3500 equipment
- Accomplish the SDH network configuration and monitoring through NMS
- Accomplish the PDH service configuration through NMS
- Accomplish the Ethernet service (EPL/EVPL/EPLAN) configuration through NMS
- List the common analysis methods of fault locating

Course Content

Transmission Technologies and Device

- Basic Optical Communications Technology(HC)
- Basic Optical Communications Technology(Manaul)(HC)
- SDH Principles(HC)
- SDH Principles(Manaul)(HC)
- WDM Principles(HC)
- WDM Principles(Manaul)(HC)
- OTN Principles(HC)
- OTN Principles(Manaul)(HC)
- Ethernet Technologies(HC)
- Ethernet Technologies(Manaul)(HC)
- Packet Switch Principles(HC)
- Packet Switch Principles(Manaul)(HC)
- OptiX SDH Equipment Hardware(HC)
- SDH Networking and Self-Healing Protection(HC)
- iManager NMS system(HC)
- SDH Networking and Self-Healing Protection and PDH Service Configurations Practice Guide(HC)
- Ethernet Services and Networking Applications(HC)
- Ethernet Configuration Practice Guide(HC)