

HCIA-Transmission



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Online Course

Course Modules

1. Transmission Network Overview

- Basic Concepts of Transmission Networks
- Transmission Network Technologies
- Huawei Transmission Network Solutions

2. SDH Principles

- SDH Overview
- SDH Frame Structure and Multiplexing Procedure
- Overheads and Pointers
- Logical Functional Modules
- Application of SDH Trail Layers and Overheads
- PCM Technology

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3. Transmission Network Products

- Product Overview
- Cabinets and Subracks
- Boards



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4.Introduction to NCE-T

- System Architecture of NCE-T
- Basic Functions of NCE-T
- Key Features of NCE-T

5.Introduction to Ethernet Principles and Services

- Ethernet Principles
- Ethernet Services

6.WDM Principles

- System Overview
- WDM Transmission Media
- Key Technologies of WDM

7.NG WDM Equipment Networking and Applications

- Network Layers and System Architecture
- Site Types
- Basic Networking Elements



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8.OTN Protocol

- OTN Overview
- OTN Interface Structures and Multiplexing/Mapping Principles
- OTN Frame Structure
- Frame Structure & Meaning of OTN Electrical-Layer Overheads
- Evolution to Liquid OTN

9.Transmission Network Protection Principles

- Basics
- Device-Level Protection
- Network-Level Protection

10. HCIA-Transmission Lab Guide

- Equipment Commissioning
- TDM Service Configuration
- Ethernet Service Configuration
- PCM Service Configuration
- OTN Electrical-Layer Service Configuration
- OptiXtrans DC908 Service Configuration
- NG WDM Optical-Layer Protection Configuration

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in terms of time management,
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