

Introduction to Triple-Play Copper Testing

This one-day course covers the basics of DSL, IPTV and VoIP service verification and testing using EXFO's CoLT-450P Triple-Play Test Set. This training session discusses both theoretical and practical aspects.

Content

Part 1: Introduction to DSL Technology

- DSL background
- DSL technology primer

Part 2: Introduction to the CoLT-450P and DSL Service Verification Testing

- ADSL1/2/2+
- VDSL2
- SHDSL
- Basic DSL service verification
- Advanced DSL service verification

Part 3: IPTV Verification

- IPTV technology primer
- Using the CoLT-450P for IPTV verification

Part 4: VoIP Verification

- VoIP technology primer
- Using the CoLT-450P for VoIP verification

Part 5: Product Demonstration

- Hands-on testing for basic DSL service verification, IPTV and VoIP analysis

Pre-Requisites

- Basic comprehension of physics and mathematics
- Basic knowledge of telecommunications
- Basic knowledge of networking and Internet services

Methodology

The first four parts of the training consist of lectures using PowerPoint presentations and demonstrations, while the fifth part consists of a hands-on demonstration using specific testing exercises.

Typical Schedule (can be modified to accommodate attendees' working schedule)

INTRODUCTION TO TRIPLE-PLAY COPPER TESTING	
Part 1	Introduction to DSL Technology
Part 2	Introduction to the CoLT-450P and DSL Service Verification Testing
Part 3	IPTV Verification
Part 4	VoIP Verification
Part 5	Product Demonstration and Hands-On Exercises

Documentation

Attendees will receive a binder containing copies of presentations and other printed handouts, if applicable.

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