

## Introduction to MaxTester Testing

This one-day course covers the basics of DSL technologies and test applications using EXFO's FTB-6XX or MaxTester 6XX products as well as the CoLT-350. This training session covers both theoretical and practical aspects.

### Content

#### Part 1: Introduction to the FTB/MaxTester 6XX or CoLT-350

- › MaxTester 6XX and CoLT-350 product introduction (physical attributes)
- › Key measurement overview

#### Part 2: Introduction to DSL technology

- › DSL technologies
- › DMT line coding
- › xDSL technology primer
- › Next-generation technology (bonding, vectoring, INP)

#### Part 3: DSL testing with the FTB/MaxTester 6XX or CoLT-350

- › Parameter configuration
- › Auto/manual testing
- › Ethernet testing
- › Login/data/IPTV testing

#### Part 4: Copper testing with the FTB/MaxTester 6XX

- › Parameter configuration
- › Multimeter walkthrough
- › Signal-to-noise ratio testing
- › Fault-location walkthrough

#### Part 5: Product demonstration\*

- › Hands-on testing for DSL, and IP connectivity testing

### Pre-Requisites

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

### Methodology

Parts 1 to 4 of this course consist of lectures using PowerPoint presentations and demonstrations, while part 5 consists of demonstrations using specific hands-on testing exercises.

\*Product demonstration: lab/field access to perform hands-on testing is highly recommended.

