

Course Name: ADSL/ADSL2/ADSL2+ Concepts

Course Overview:

ADSL is changing rapidly to accommodate faster speeds! This course is designed to give the student an understanding of ADSL technologies but focuses on the two newly used ADSL specifications. All equipment and parameters will be discussed and in both the provider and end user locations. Special attention will also be given to basic home networking applications. We will fine-tune the points or products and techniques of particular importance to your operations. Our skilled instructors and staff will tailor the module to meet your requirements.

Course Length: 1 day

Who should attend?

- Telephone Companies
- Power Companies
- Outside Plant Contractors
- Small Business Owners
- Engineers/Planners
- Installers/Technicians
- End Users
- Management staff

You will learn:

- ADSL Overview
- ADSL Equipment
- ADSL2 and ADSL2+ Encoding
- ADSL in the Copper Plant
- ADSL at the Customer Premise

Prerequisites: None

Course Fees:

- 1 day course at a TESSCO Location \$475 per person
- 1 day course at your location \$3,000 for up to 10 attendees

Customizable Course: Yes

Course Content:

DSL Fundamentals

- ADSL Overview
- ADSL Equipment

- ADSL2 and ADSL2+
- ADSL and ADSL2 Encoding
- Frequency Range/Spectrum
- IP Based Services over ADSL

ADSL in the Copper Plant

- Qualifying and Testing the Cable
- Cable Basics
- Electrical Characteristics
- Interference and Noise
- Cable Impairments
- Basic DSL Loop Recommendations
- Impairments Affecting Modern Services

ADSL at the Customer Premise

- Equipment Overview
- Home Networking Overview
- Network Connections