

# Fluke Networks 660 Frame Relay Assistant Testing

<b>Course Length</b>	Two (2) days
<b>Course Code</b>	1393
<b>Prerequisites</b>	None, however an Introduction to Data technologies course is extremely helpful.
<b>Course Overview:</b>	This course gives an overview of Frame Relay technology and standards as well as enables hands-on practice and exercises. All Frame Relay equipment interfaces and service parameters are also discussed.

*\*\* This course can be customized or combined to meet specific system requirements \*\**

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## Course Outline

### Product Overview

- Hardware Overview
- Graphical Display
- Buttons
- Connectors
- Battery
- Cables



### Industry Overview

- Trends
- Drivers

### Packet-Based Technologies

- Overview
- Drivers
- Market
- Comparison to other technologies



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## OSI Model

- Purposes
- Layers
- LAN vs. WAN
- Packets, Frames, and Cells
- Addressing/Routing
- Point-to-Point and Layer 2

## Frame Relay Overview

- Market
- Advantages
- Comparison to other technologies

## Frame Relay Applications

### Frame Relay Basics

- Frame format
- Interfaces
- Addressing (DLCI)
- Dealing with Congestion
- Link Management (LMI)
- Frame Relay Equipment
- Frame Relay Networks

### Service Parameters

- CIR
- Bc
- Be
- Service Level Agreements (SLA)

### Frame Relay Maintenance

- Testing concepts
- Common Problems
- Physical Layer Testing
- Verifying LMI
- In Service Monitoring
- Out-of-Service Testing
- Percent of reliability

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