

SDX 6000 (*Instructor-led Training*)

Part Number: 1600CSYS6025E (enrollment)/1600CSYS6025C (course)

This course is designed for those students who will be designing, implementing, and supporting solutions using the SDX 6000 Series of enterprise-class, fully managed Optical Line Terminals (OLTs). This course will include interactive lectures as well as lab exercises presented through our virtual lab environment. Integrated lab exercises are designed to reinforce the class content with installation, configuration, and troubleshooting procedures. After completion of the course, the student should be able to install and maintain the ADTRAN SDX 6000. **To enroll, go to www.adtranuniversity.com.**

Course Content

- **SDX OLT and ONT Overview / CLI: Console and Management Provisioning**
 - SDX OLTs and ONTs
 - Optics
 - CLI Modes and Console Access
 - Management Configuration
 - CLI Commands, Tips, Hints and Shortcuts
- **PON Basics**
 - PON Introduction and Construct
 - EVC Sample Flows
 - ONU Activation Process
 - Setting ONU Registration-ID
- **SDX OLT Onboarding and Alarm Suppression**
 - Profile-Vectors and Profiles Review
 - MCP Object Naming
 - Onboarding - CDA Method
 - Onboarding – Orchestrate View Method
 - Alarm Suppression and Profiles
- **Software Upgrades and Other Jobs**
 - OLT Software Upgrade Job
 - ONU Software Upgrade Job
 - Other MCP Jobs
- **Provisioning Services and Traffic Flow**
 - Data Service Provisioning
 - Data Service Overview
 - Naming Conventions
 - Channel Interfaces
 - Troubleshooting Traffic Flow
 - Video and Voice Provisioning
 - HQoS Architecture Review
- **Building a Service Profile Vector**
 - Profile Vector Basics
 - Constructing a Data Service Profile Vector

- **Mosaic CP Auto Provisioning**
 - **ONU Auto-Activation**
 - **Bundle Builder Profile**
 - **Interface Builder Profile**
 - **Group and Conditional Profiles**
 - **Auto Provisioning Walk-through**

Prerequisites

SDX 6000 Series Overview

Course Length

Duration – 3 days

Who Should Attend

- End Users
- System Engineers
- Network Engineers
- Value Added Resellers
- Distributors