

# T600 Turn-Up and Maintenance - eLearning

## *Duration*

Online – 1hr

## *Course Contents*

The T600 eLearning course describes T-Series hardware, turn-up provisioning, PMs, and basic maintenance activities.

## *Who Should Attend*

The T600 Turn-up and Maintenance course is designed for those seeking information about the turn-up and maintenance of T-Series network elements using the CLI (Command Line Interface). The course shows examples of the CLI commands used to turn-up a typical node in a typical network using step-by-step turn-up procedures. Basic scheduled and unscheduled maintenance is also addressed to show how to access and analyze PMs (Performance Measurements) and alarms.

## *Course Outline*

- Introduction
  - Welcome
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  - Objectives
  - Course Navigation
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  - Title
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  - System Overview
    - Fan Unit
    - Power Supplies
    - Blade
    - Optics
    - Transponder PIU
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  - Results
- Installation
  - Title
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    - Transponders
    - Optics
  - Knowledge Check
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  - CLI Basics
  - First Steps
  - User Access and Privileges
  - Provision Equipment
  - Interface and Facilities Overview
  - Provision Interfaces
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    - ODU4
    - OTSI
    - ODUCn
  - L1 Encryption
  - FIPS Encryption
  - OTSI
  - ODUCn
  - ODU4
  - Knowledge Check
  - Results
- Management
  - Title
  - PM Basics
  - Equipment/Port Based PMs
  - Facility/Interface PMs
  - Network PMs
  - Reset PMs
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- Maintenance
  - Title
  - LEDs
  - Alarm Retrieval
  - Loopback Testing
  - Ping and Traceroute
  - Practice Ping and Traceroute
  - Database Backup
  - Database Restore
  - Software and Firmware Upgrade
  - Knowledge Check
  - Results
- Finale
  - Final Knowledge Check
  - Survey
  - Survey results