

## Total Access 5000 Fiber to the-Premises (FTTP) Course

*(Instructor-led)*

*Part number: 1600CSYS5010E*

This course is designed for those students that will be responsible for either designing, installing, provisioning or maintaining the Total Access 5000 Fiber to the Premises solutions. This course will include interactive lecture as well as lab exercises. Integrated hands-on lab exercises are designed to reinforce the classroom instruction. After completion of the course, the student should be able to turn-up, provision, and maintain an ADTRAN Fiber to the Premises deployment.

**To enroll, go to [www.adtranuniversity.com](http://www.adtranuniversity.com).**

### Course Content

- Introduction to FTTP
- GPON Technology
- Active Ethernet Technology
- Hardware Features and Overview
- Installation
- Turn-up Procedures
- System Management
- Provisioning Services
- Troubleshooting Procedures
- Business Class ONT
- Using AOE

### Prerequisites

Total Access 5000 Overview (online course)

Total Access 5000 GPON Overview (online course)

### Course Length

3 Days

### Course Price

\$1,200

### Who Should Attend

- Installers
- System Engineers
- Network Engineers
- Network Operations Personnel

## Course Outline:

Section 1: Introduction

Section 2: Chassis

Section 3: Commons

Section 4: ERPS

Section 5: Understanding VLANs and EVCs

Section 6: Saving Configuration and Upgrading Firmware

Section 7: GPON Technology

Section 8: GPON Hardware and Turn-Up

Section 9: GPON Provisioning

Section 10: Troubleshooting

Section 12: Active Ethernet Turn-Up

Section 13: Active Ethernet Provisioning

Section 14: Introduction to AOE

Section 15: Provisioning using AOE