

## Total Access 5000 Carrier Ethernet Course

*(Instructor-led)*

*Enrollment Part Number: 1600CSYS5040E*

This course is designed for those students that will be responsible for either designing, installing, provisioning or maintaining the Total Access 5000 Carrier Ethernet solution. This course will include interactive lectures 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 the ADTRAN Total Access 5000 system.

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

### Course Content

- Hardware Features and Overview
- Carrier Ethernet Services
  - Ethernet over Copper
  - Ethernet over TDM
  - Ethernet over Fiber
- Installation
- Turn-up Procedures
- System Management
- Provisioning Services
  - E-LINE
  - E-LAN
- Troubleshooting Procedures
- Using OAM
- TSCAN / Bad Splice Detection
- EFM Protection
- Y.1731
- Mobile Backhaul
- Pseudowire with the NV8044M
- Using AOE

### Prerequisites

Total Access 5000 Overview (Online Course)

Total Access 5000 Carrier Ethernet Overview (Online Course)

### Course Length

3 Days

### Course Price

\$1,200

## Who Should Attend

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