Fiber Optics for Data Centers

This four-day course has been developed with two days of classroom learning and two days of hands-on skills labs, review, and certification testing. The course covers the fundamentals of fiber optic communication, installation techniques, testing, and maintenance, with a focus on practical applications and industry best practices. Participants will engage in hands-on exercises to ensure they are prepared to address the challenges and opportunities presented in modern data centers.

The labs provide the practical understanding and skills required to properly install and maintain fiber optic networks in data center environments. Students will learn how to splice, connectorize, test, and troubleshoot optical fiber networks to increase efficiency, reliability, and on-the-job safety as well as reduce costs and downtime. Following the lab sessions, those who have chosen to pursue ETA certification will complete their ETA certification testing.

Audience: IT professionals, data center managers, network engineers, and technicians who are responsible for the design, implementation, and maintenance of fiber optic systems in data centers

Prerequisite: Fiber Foundations is recommended, but not required.

Credentialing

ETA® International Fiber Optic Technician–Inside Plant (FOT-ISP)
Valid for four years.

Light Brigade Digital Badge
Complete this course and receive a Credly digital badge.

Click or scan for detailed course information and upcoming training locations.