




Network & Design



Certification

 **FBA FTTx OSP Design**
Valid for three years.

Early Bird Pricing*



Three-day course  **\$1695**

Optional FTTx OSP exam **\$150**

* See page 17 for more information.

2020 Class Locations

Raleigh, NC	January 21-23
Dallas, TX	April 21-23
Nashville, TN	June 3-5
Denver, CO	September 15-17
Raleigh, NC	November 10-12

FTTx OSP Design

This three-day instructor-led course begins with fundamental fiber and network component information relating to FTTH network design considerations. The course then covers best practices for product selection and ideal placement for point-to-point, distributed and centralized split network options.

Audience: Outside plant and network engineers

Prerequisite: Knowledge of fiber theory and basic network engineering concepts

Classroom and Design Exercises (3 Days)

FTTH Fiber Planning	Campus Style Apartments	General Design Steps
Futureproofing	High Rise Buildings	Home Run Strategies
PON Design Options	Subdivisions	Splitter Cabinets
Take Rate / Splitter Location	Rural Areas	Distributed Split Design
Fundamental Design Steps	WDM-PON Considerations	Design Exercises

Certification



OTT Certified Optical Network Associate

2020 Class Locations

Seattle, WA	April 20-24
Spartanburg, SC	November 2-6

OTT Certified Optical Network Associate (CONA)

This five-day instructor-led course examines how to design, plan, and implement cost-effective, high-speed networks from single channel systems to multiple channel options using CWDM and DWDM. Attendees will work together on interactive design projects to establish requirements for proper system performance and determine how the network can be affected by the properties of the physical infrastructure.

Audience: Outside plant and network engineers

Prerequisite: Knowledge of fiber theory and basic network engineering concepts



For training, tools, or equipment:
206.575.0404 • 800.451.7128
www.lightbrigade.com



Specifications and class dates are subject to change without notice