

# Fiber Optics Technician and Installer Course



Installation of premises and outside plant fiber optic cable



Running fiber from pole to pole, pole to house



Long-haul drops



Installing multi-service terminals



**Hands-on lab experience will include:  
Splicing, Termination, Troubleshooting,  
and Testing**

## Course Components

- Cut fiber
- Fusion splicers
- Mid-sheath splicing
- Building of splice case/closures
- Equipment encountered in the field
- Critical pieces of the network
- Splitters
- Passive optical network (PON) and how it works
- Fiber distribution panels
- Basic pole hardware
- Multi-service terminals
- Splice enclosures
- Appropriate test equipment
- Basic cable color codes/color codes
- Making of 12 fiber ribbons
- ADSS vs strand & lash uses
- Fundamental understanding of wavelengths
- Fiber types
- Fiber connector types
- OTDR readings, reflectance results, and how they impact service
- Light loss budgets
- Avoid attenuation on fiber
- Work ethic
- Communication
- Teamwork

**Contact us today to register!**

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