

# Fiber Optic Technician Outside Plant

*Give your career an upgrade with  
the ETA FOT-OSP Certification*

## Course Overview

This course is designed for fiber optic technicians working with fiber in the outside plant environment. Students will learn how to properly terminate, test, and troubleshoot single-mode fiber optic communication systems. This includes the various types of termination techniques applicable to high-speed laser-based systems including SONET, DWDM, PON FTTx networks using ITU-T G.652 and G.655 single-mode fibers. Disciplines include mechanical and fusion splicing per the TIA-758, GR-765 and GR-20 standards, and the preparation of fiber optical cables and cable management products.

## Course Topics

- Principles of Light & Fiber Optics Transmission Theory
- Single-Mode Fiber Applications in WAN, MAN & FTTx
- Various Types of Fiber Optic Cables and Connectors
- Fiber Splicing and Cable Installation Practices
- Optical Fiber Measurement & Testing Procedures
- Safety

## Course Details



### Live Online

This course is taught with UMass Global's LIVE ONLINE training platform using video communications software.



### Course Schedule

Weekdays: **Monday – Thursday**

Dates: **November 17<sup>th</sup> – December 8<sup>th</sup>**  
*(skipping Thanksgiving Week)*



### Time

**7:30 PM – 10:30 PM (PST)**

*Note: This class is open to **Southern California** students only. Don't worry though, as we will be offering this class for our Northern California students later on.*

## REGISTRATION INQUIRY FORM

Fill out this short form or scan the QR code and we will be in touch with you shortly.  
For more information, please call **LISA OBIEDO @ (925) 440-5299**



Full Name :

Email :

Mobile Number :

Work Location :

Company Name :

Job Title :