



THE SAGE GROUPsm

FUSION SPLICING - ADVANCED FIBER OPTIC TECHNICIAN (AFOT)

OVERVIEW

This course builds upon the foundational information covered in the “Fiber Optics” course. It provides a hands-on introduction to fiber fusion splicing. Topics include fiber preparation, alignment, splicing, and testing methods. Lab sessions will provide the participant with an opportunity to practice making fusion splices and to practice testing each splice, replicating actual field installation practices. Participants are also prepared for the Advanced Fiber Optic Technician (AFOT) certification. Certification exam is offered at the end of the course.

OBJECTIVES

After completing the course, participants will be able to:

- Define common fusion splicing terms
- Discuss reasons to perform fusion splice between two cables
- Compare mechanical splicing and fusion splicing
- Operate a fusion splicer
- Measure splice loss by OTDR
- Troubleshoot problems that occur in fusion splicing

FORMAT

The 18-hour course may be delivered in a variety of formats, depending upon the client’s request. All sessions use an interactive style of facilitation.

SPECIAL FEATURES

- Experiential labs
- Interactive course delivery
- Hands on skill building

BENEFITS

- Participants gain experiential understanding of fusion splicing and related equipment.
- Participants obtain real-world application of fiber optic processes.
- Participants are prepared for the Advanced Fiber Optic Technician (AFOT) certification

PREREQUISITE

- Fiber Optics

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“THE PROVEN FORCE BEHIND WORKFORCE TRAINING”

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