

IN250 - INSTALLER LEVEL 2 Optical Fiber Training Course - 40 hours



This course provides the foundations of an optical fiber based structured cabling system installation. The course will open with an overview of fiber transmission principles, professionalism, life safety, and general industry best practices, as related to fiber. A significant amount of course time will then be spent on BICSI best practices for the installation, splicing, termination, testing and retrofitting of optical fiber cable.

Course topics include:

- Codes and standards/industry best practices
- Optical fiber transmission principles
- Safety
- Professionalism
- Telecommunication pathways
- Telecommunication spaces
- Grounding, bonding and protection
- Firestopping
- Installation/pulling optical fiber cable
- Termination of optical fiber cable
- Optical fiber splicing (mechanical & fusion)
- Testing of optical fiber cable
- Retrofitting
- Field coordination

Who Should Attend

ITS installers who wish to expand their knowledge of the industry, learn new skills and continue to advance professionally.

Prerequisites

Applicant must have at least two years of current and verifiable ITS industry installation experience.

Knowledge and Skills

Must be able to distinguish between different colors and possess manual dexterity to complete fine motor tasks.