

# TE350 - Technician Training Course - 40 hours



This course provides the necessary skill set of a structured cabling systems technician. The course will open with an overview of transmission fundamentals. Additionally, certain design components will be covered. This will ground the contact covered during the remainder of the week. An advanced study of copper cabling, focusing on testing and troubleshooting will follow. A significant amount of course time will then be spent on the splicing, testing, and troubleshooting of optical fiber cable. The final major area covered in this class will be field coordination, including site surveys, blueprint reading, network infrastructure, and project management. This course will also cover some special topics within ITS cabling installation.

## Course topics include:

- Codes and standards/BICSI best practices
- Safety
- Professionalism
- Copper splicing
- Copper testing
- Copper troubleshooting
- Optical fiber splicing
- Optical fiber testing
- Optical fiber troubleshooting
- Field coordination
- Retrofits
- ITS installation special topics

## Who Should Attend

Highly experienced ITS cabling installers; individuals who hold the BICSI ITS Installer 2 or both the ITS Installer 2, Copper and ITS Installer 2, Optical Fiber credentials.

## Prerequisites

Applicant must have at least three 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.



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