

TE350: BICSI Technician Training

Take your installation performance to the next level through the study of specialized systems and advanced copper and optical fiber structured cabling systems. TE350 is an intensive 5-day course that provides the necessary skill set of a structured cabling systems technician. An advanced study of copper splicing, testing and troubleshooting will open this course. A significant amount of course time will then be spent on the splicing, testing and troubleshooting of optical fiber cable. The third major topic 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 ICT cabling installation.

Course topics include:

- Codes and standards/BICSI best practices
- Safety
- Bonding, grounding and protection
- Telecommunications room/equipment room (TR/ER) design
- Copper splicing
- Testing/troubleshooting of copper cable
- Optical fiber splicing
- Testing/troubleshooting of optical fiber cable
- Field coordination
- Retrofits
- ICT installation special topics

Who Should Attend

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

Prerequisite

Students must have at least three years of current and verifiable ICT industry installation experience.

Preparation

This course builds on the lessons taught in the IN225 and IN250 courses. Students of this class may wish to first attend IN225 and IN250 or gain equivalent experience and knowledge through on-the-job training. BICSI strongly recommends reading the *Information Technology Systems Installation Methods Manual (ITSIMM)* before coming to class and/or taking the exam.

Knowledge and Skills

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

Course Materials

Students must bring a print version of the *ITSIMM* to class, along with any errata sheets. The manual is not included in the course fee. Personal or prescription safety glasses are also recommended.