

TE350: BICSI Technician Training

ABOUT THIS COURSE

- ❖ 5-day course
- ❖ 35 CECs

COURSE OVERVIEW

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 five-day course that provides the necessary skill set of a structured cabling systems technician. An advanced study of copper terminating, testing and troubleshooting will open this course. A significant amount of 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 emerging technologies within cabling installation.

COURSE HIGHLIGHTS

- Codes and standards/ BICSI best practices
- Safety
- Bonding, grounding and protection
- Telecommunications room/ equipment room (TR/ER) design
- Advanced copper termination
- Testing/troubleshooting of copper cable
- Optical fiber splicing
- Testing/troubleshooting of optical fiber cable
- Planning and project management
- Retrofits
- Installation special topics

KNOWLEDGE AND SKILLS

Must be able to distinguish between different colors and possess manual dexterity to complete fine motor tasks. Topics taught in class build upon what is taught in IN101, IN225 and IN250.

Note: The BICSI Technician exam is not included in the course fee. You must register for the exam separately. Download an exam application at www.bicsi.org/technician or contact BICSI.

WHO WILL BENEFIT?

- Individuals who hold the BICSI Installer 2 or both the BICSI Installer 2, Copper and Installer 2, Optical Fiber credentials
- Highly experienced ICT cabling installers overseeing, planning and managing installation projects
- Installers seeking to expand their knowledge and learn advanced copper and optical fiber installation skills
- Individuals planning to take the BICSI Technician exam

COURSE MATERIALS

Students must bring a print version of the *Information Technology Systems Installation Methods Manual (ITSIMM)* to class. The manual (not included in the course fee) can be ordered at www.bicsi.org/publications. Personal or prescription safety glasses are also recommended.

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 *ITSIMM* before coming to class and/or taking the exam. Order the *ITSIMM* online at www.bicsi.org/publications.

BICSI provides continuing education to ensure your knowledge remains up-to-date.

Apply TE350 CECs Toward Renewal of BICSI Technician Credential!

In addition to earning CECs toward renewal of your existing credentials, all students who complete TE350 and pass the BICSI Technician exam within seven days will receive 35 CECs for the review course toward BICSI Technician renewal. This means that all Installation Program students who take this course and pass the exam within the seven-day time period will obtain ALL of the CECs needed for their first renewal period. Visit www.bicsi.org/reviewcec for more information.