

IN250: BICSI ITS Installer II, Optical Fiber Training

- 5-day, 40-hour course
- Sets the groundwork for optical fiber-based structured cabling system installation.
- 2-hour written exam on the 6th day

Prerequisites

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

Course Topics Include

- Overview of fiber transmission principles
- Professionalism, life safety & industry-best practices, related to fiber.
- Installation, splicing, termination, testing and retrofitting of optical fiber cable
- Pathways and spaces
- Fire stopping
- Introduction to field coordination

Course Materials

- ITSIMM, 6th edition, (binder version), student guide, errata sheets
- Personal or prescription safety glasses

TE350: ITS Technician

- 5-day, 40-hour course
- Designed for 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
- 2-1/2 hour written exam on the 6th day

Prerequisite: The student must have at least three years of current and verifiable ITS industry installation experience.

Course Topics Include

- Advanced study of copper splicing, testing and troubleshooting
- Splicing, testing and troubleshooting of optical fiber cable

Attend class at Gateway Technical College's BICSI Authorized Training Facility.



Note: All BICSI classes are offered as customized training to meet the scheduling needs of our customers.

To discuss customizing a course for your organization contact instructor

Randy Reusser
reusserr@gtc.edu

Classes are held at
Gateway's SC Johnson iMET Center
2320 Renaissance Blvd.
Sturtevant, Wisconsin 53177
Phone: 262.898.7514
Fax: 262.898.7590

Additional Information:
Contact Jane Kluchka
kluchkaj@gtc.edu, 262.564.3402

Wedd Workforce & Economic Development Division



BICSI Telecommunication Training

Expand your knowledge, learn skills, advance professionally and take your installation career to the next level!



www.gtc.edu/bicSI



BICSI ITS Training at Gateway

The BICSI ITS Installation and Training Program is comprised of four levels, providing a career path for cabling installers:

- ITS Installer I
- ITS Installer II Copper
- Installer II Fiber
- ITS Technician

The program teaches the proper installation of data, voice and video cabling within the confines of a commercial building structure. Material is based on the BICSI ITS Installation Manual (ITSIM).

Completion of the program will enable you to:

- Conduct site surveys
- Correctly pull and terminate copper and fiber cabling
- Terminate and test copper and optical fiber cable to the highest level of specification

Knowledge and Skills

In order to enroll in any of the courses, you must be able to distinguish between different colors and possess manual dexterity to complete fine motor tasks.

IN101: BICSI ITS Installer I

Stand behind all of your jobs with confidence. As a BICSI Information Transport Systems (ITS) Installer I you will be confident in your knowledge of BICSI best practices and the most up-to-date codes and standards.

- Comprehensive orientation to the information transport system (ITS) industry
- Designed for entry level cabling installers with little or no experience
- 5-day, 40-hour course
- 2-hour written exam on the 6th day

Course topics Include:

- Industry orientation
- Codes and standards/industry best practices
- Safety
- Professionalism
- Structured premises cabling systems
- Media
- Job site skills

Course Materials

- ITSIMM, latest edition (binder version) student guide, errata sheets
- Personal or prescription safety glasses

The ITS Installer exams are delivered in two parts. There will be a hands-on test during the 5th day and a written certification exam on the 6th day for each program level.

IN225: BICSI ITS Installer II, Copper Training

Keep up with innovations, trends and emerging technologies in copper cabling installation.

- Foundation of a copper-based structured cabling system installation.
- 5-day course, 40 hour course
- 2-hour written exam on the 6th day

Prerequisites

Applicant must have at least one year of current and verifiable ITS industry installation experience.

Course topics Include:

- Codes and standards/BICSI best practices
- Copper transmission principles
- Safety
- Professionalism
- Telecommunication pathways
- Telecommunication spaces
- Grounding, bonding and protection
- Firestopping
- Installation/pulling copper cable
- Termination of copper cable
- Testing/troubleshooting of copper cable
- Retrofitting
- Field coordination

Course Materials

- ITSIMM, latest edition (binder version) student guide, errata sheets
- Personal or prescription safety glasses