

Network Sciences Certified Installer Training

HellermannTyton offers Certified Installer training classes in copper systems, fiber systems and labeling.

Each course is recognized by BICSI for continuing education credits (CECs).

Conducted by our experienced Area Sales Managers, HellermannTyton offers a flexible training approach that allows for classes to be held in the installer's area. For larger classes, HellermannTyton can also conduct training at our corporate training facility in Milwaukee, WI.

Training Fees:

\$50.00 per person (maximum \$500.00 per company).

Course Offerings:

Structured Cabling System - Copper Certification
(4) BICSI CECs

Structured Cabling System - Fiber Certification
(3) BICSI CECs

ANSI/TIA-606-B Labeling Standard
(4) BICSI CECs

Contact Us

For more information on the Network Sciences Certified Installer Training Program, or to request training, contact us at contractorprograms@htamericas.com or contact your local HellermannTyton sales representative.

Course: Structured Cabling System – Copper Certification

Time allotment: 6.5 hours / **CECs:** 4

1. Introduction
2. HellermannTyton Product Overview
3. Structured Cabling Definitions and Overview
4. History and Evolution of Standards
5. Current Standards Overview
 - a) TIA/EIA-568-C Commercial Wiring
 - b) TIA/EIA-569-B Pathways and Spaces
6. Emerging Standards
7. Field Testing Requirements for Copper Cabling Systems
 - c) TIA/EIA-570-A Residential and MDU
 - d) TIA/EIA-607 Grounding and Bonding
 - e) TIA/EIA-606-C Administration and Labeling
 - f) TIA/EIA-942 Data Center Standard
8. Practical Demonstration of Field Testing
9. Installation Practices
10. Hands-on Product Termination
11. Hands-on Field Testing and Certification
12. Network Sciences Certification Program
13. Questions
14. Course Exam and Review

More courses on back →

Course: Structured Cabling System – Fiber Certification

Time allotment: 4.5 hours / **CECs:** 3

1. Introduction and Technology Overview
2. Optical Cable Structure
3. Optical Fiber Applications and Selection
4. Fiber Cable Types
5. Connectors and Adapters
6. Testing Optical Cables
7. Labeling Methods
8. Products and Applications
9. Fiber Optics Knowledge Quiz
10. Hands-On – Fiber Connector Termination
11. Question and Answer

Course: ANSI/TIA-606-B Labeling Standard

Time allotment: 4 hours / **CECs:** 4

1. **Introduction to the Standard and History**
 - a) TIA/606
 - b) TIA/606/A
 - c) TIA/606/A Addendum 1
 - d) TIA/606/B
 - e) Review of Identifiers
 - f) Review of Terminology
 - g) Review of Association to ISO/IEC TR 14763/2/1
 - h) Classes of Administration
2. **Class 1 Labeling Requirements**
 - a) Telecommunications Space
 - b) Cabinet, Racks, Enclosures
 - c) Patch Panels
 - d) Ports
 - e) Cabling Subsystem Horizontal Link
 - f) Equipment Outlet and Telecommunications Outlet
 - g) Consolidation Points
 - h) Splice in Cabling Subsystem Horizontal Link
3. **Class 2 Labeling Requirements**
 - a) TMGB Grounding
 - b) TGB Grounding
 - c) RGB Grounding
 - d) Mesh BN Grounding
 - e) BCT Grounding
 - f) TBB Grounding
 - g) GE Grounding
 - h) Grounding Conductor from Object to Ground
 - i) Backbone Cabling
 - j) Backbone Cabling Pair/Port
 - k) Firestop Location
4. **Class 3 Labeling Requirements**
 - a) Campus or Site
 - b) Building
 - c) Inter-building Cable
 - d) Inter-building Pair/Port
 - e) Inter-building Cable Splice
 - f) Outdoor Telecommunications Space
 - g) Intra-space Pathway
 - h) Intra-building Pathway
 - i) Building Entrance Pathway
5. **Class 4 Labeling Requirements**
 - a) Campus Location
 - b) Outside Plant Pathway

