



STRUCTURED NETWORK CABLING COMPREHENSIVE TRAINING

Course Description

This training program is designed to provide participants with the knowledge and skills necessary to plan, design, implement, and maintain structured network cabling systems. Participants will learn about cabling overview, terminologies, types of cables, structured cabling sub-systems, standards, considerations, bill of materials, bill of quantities, project costing, installation stages, and business ethics for contractors. Through a combination of theoretical instruction and hands-on practical exercises, participants will gain a deep understanding of structured network cabling principles and best practices.

A Comprehensive two
(2) day hands-on
training for Structured
Cabling Contractors!

Conducted by a
multi-brand certified
cabler and inspector!

Full packed with
essential topics in
copper cabling,
including best
practices, standards,
and proper
Installation!

Get after training
professional support!

ITLLECTUAL MANILA

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1823 E. Rodriguez Sr. Ave.
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Cubao, Quezon City
Philippines 1111

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Course Objectives:

Upon completion of this training, participants will be able to:

- ✓ Understand the basics of structured network cabling, including its purpose, components, and applications.
- ✓ Define and explain common cabling terminologies used in the industry.
- ✓ Understand the content of Project's Terms of reference.
- ✓ Identify various types of cables used in structured network cabling.
- ✓ Describe the structured cabling sub-system and its components, such as horizontal cabling, backbone cabling, and telecommunications rooms.
- ✓ Familiarize with structured cabling standards, such as TIA/EIA and ISO/IEC standards, and their importance in ensuring quality and interoperability.
- ✓ Consider factors affecting structured cabling design, including distance limitations, cable types, and environmental considerations.
- ✓ Develop Bills of Materials (BOM) and Bills of Quantities (BOQ) for structured cabling projects, including cable types, connectors, patch panels, and other necessary components.
- ✓ Estimate project costs accurately, considering materials, labor, equipment, and overhead expenses.
- ✓ Plan and execute structured cabling installation stages, including cable routing, termination, labeling, and testing.
- ✓ Perform hands-on practical exercises to develop skills in cable termination, patch panel installation, cable management, and testing.
- ✓ Understand the importance of business ethics for contractors, including professionalism, integrity, and customer relations.
- ✓ Apply ethical principles in dealing with clients, subcontractors, and colleagues throughout the project lifecycle.

Course Outline:

Upon completion of this training, participants will be able to:

- ✓ Basics of structured network cabling, including its purpose, components, and applications.
- ✓ Common cabling terminologies used in the industry.
- ✓ Project Terms of Reference content
- ✓ Various types of cables used in structured network cabling.
- ✓ Structured cabling sub-system and its components.
- ✓ Structured cabling standards.
- ✓ Factors affecting structured cabling design, including distance limitations, cable types, and environmental considerations, and other components.
- ✓ Bills of Materials (BOM) and Bills of Quantities (BOQ) for structured cabling projects.
- ✓ Project costing accurately, considering materials, labor, equipment, and overhead expenses.
- ✓ Structured cabling installation stages.
- ✓ Hands-on practical exercises to develop skills in cable termination, patch panel installation, cable management, and testing.
- ✓ Importance of business ethics for contractors, including professionalism, integrity, and customer relations.
- ✓ Ethical principles in dealing with clients, subcontractors, and colleagues throughout the project lifecycle.

Target Audience:

This training is suitable for network engineers, IT professionals, cabling technicians, project managers, contractors, and anyone involved in the planning, design, installation, and maintenance of structured network cabling systems.

Prerequisites:

Basic knowledge of networking concepts and familiarity with cabling tools and equipment **is recommended but not required**.

Duration:

2-Days | 14-hours (Customizable based on specific training needs)

Delivery Method:

Instructor-led training with a combination of lectures, case studies, group discussions, actual demonstration, and hands-on exercises.

Certification:

Upon successful completion of the training program and assessment, participants will receive a Certificate of Completion in Structured Network Cabling System Training.

Training Investment:

Per head Investment – **Php10,080.00 (VAT-Inc)**

Exclusive/Group Training – **Php 100,800.00 (VAT-Inc)**, maximum of 10 participants

Outside Manila or Provincial Training – Subject to verification and customized costing.

Securing the training slot:

Upon settling the training investment, send the proof of payment, full name, mobile number, and email address to itllectualmanila@gmail.com.

Where to pay:

Bank Name: LANDBANK OF THE PHILIPPINES

Account Name: ITELLEQQ TRAINING AND CONSULTANCY

Account Number: 5462-0024-42

Bank Name: BANCO DE ORO

Account Name: VANESA CEZAR

Account Number: 001100-205134

GCASH

Account Name: VANESA CEZAR

Gcash Number: 09154655700

Other concerns? Contact our Hotline:

0915-4885708 | 0919-5168888 | itllectualmanila@gmail.com

*"Anyone who stops learning is old, whether 20 or 80, anyone who keeps learning stays young.
The greatest thing in life is to keep your mind young."*

– Henry Ford
