A. Project Layout and Planning (200 Hours)
- Reading and interpreting blueprints and specifications
- Jobsite coordination
- Layout telecommunication cabling systems

B. Underground Installation (200 Hours)
- Trenching and ditch digging
- Direct Burial
- Installing telecommunication ground systems

C. Routing Cable (250 Hours)
- Fastening and support
- Protective sleeves and nipples

D. Testing, Certifying & Troubleshooting LAN Systems (400 Hours)
- Checking circuit continuity
- Identifying faults
- Certifying system operation
- System repair
- Ground verification

E. Security System Installation (350 Hours)
- Blueprint and specification interpretation
- Layout
- Box and circuit installation
- Terminations
- Testing

F. CCTV & Access Control (200 Hours)

G. Installing Communication and Sound Systems (300 Hours)
- Blueprint and specification interpretation
- Layout
- Installing telecommunication panels and network devices
- Circuit installation
- Terminations and testing
- Entertainment

H. Installing and Networking Telecommunication Wires and Cables (600 Hours)
- Installing and networking between buildings
- Wiring large and small campus systems
- Installing backbones
- Installing horizontals
- Installing crossconnects and interconnects

I. Terminating Wires and Cables (700 Hours)
- Bundled cable
- Shielded cable
- Unshielded cable
- Optical fiber cable
- Twisted pair
- Coaxial cable

J. Splicing Wires and Cables (300 Hours)
- Optical fiber cable
- Shielded and unshielded twisted pair
- Coaxial cable

K. Service and Troubleshooting (400 Hours)
- Testing, analysis and repair of video, voice and data installations: electronic devices, LAN circuits and telecommunication devices

L. Material Handling and Pre-Fabrication (150 Hours)
- Material/equipment awareness
- Fabricating for field installation

M. Safety Awareness & Other Specialized Areas (100 Hours)
- Safety

N. Fire Alarm/Life Safety Systems (350 Hours)
- Environmental Control
- Life Safety
- Fire Alarm

ADDITIONAL CODES

SD – Sick Day
HD – Holiday
ID – Injured
DO – Day Off
VD – Vacation Day
② - 2 Hrs. Show Up
NW – No Work
MA – Medical Appointment
/ - Sat. & Sun.
UE – Unemployed
CD – Class Day
X - Other