

“THE ROAD TO INSIDE JOURNEYMAN WIREMAN”

- **720 Hours of Core & Advanced Classroom Training**
 - **First Session:** Codes and Standards, Electrical Theory (DC), Industry Orientation, Installation Applications, Jobsite Skills and Practices, Safety Awareness, Conduit Bending
 - **Second Session:** Codes and Standards, Construction Documentation, Electrical Theory (AC), Advanced Conduit Bending, Transformer Applications, Test Instruments, Structured Cabling.
 - **Third Session:** Codes and Standards, Applied Grounding and Bonding, Motor Code Calculations, Motors, Motor Control, Rigging and Lifting, Torque for the Electrical Industry, Fiber Optic Cabling and Terminations
 - **Fourth Session:** Codes and Standards, Advanced Code Calculations, Building Automation, Health Care Facilities, Fire Alarm Systems, Instrumentation, Programmable Logic Controllers
- **On The Job (OJT) Training**
 - Project Layout & Planning
 - Underground Installations
 - Thinwall Conduit Raceway Systems
 - Rigid Conduit Raceway Systems
 - Installing Services, Switchboards and Panels
 - Floor Duct Installation
 - Motor Control Center Installation
 - Installing, Splicing & Terminating Wires and Cables
 - Cable Tray Installation
 - Lighting System Installation
 - Testing and Troubleshooting Feeders, Motors and Branch Circuits
 - Fire Alarm Installation
 - Motor Installation
 - Control System Installation
 - Installing and Programming Programmable Logic Controllers
 - Installing Instrumentation and Process Control Systems
 - Security System Installation
 - Installing Sound and Communication Systems
 - Installing and Terminating Transformers
 - Installing Fiber Optic Cable
 - Alternative Energy Sources (Solar, Wind, Fuel Cell, etc)
 - Welding and Brazing
 - Service and Troubleshooting
 - Material Handling and Pre-Fabrication
 - Safety Awareness and Other Specialized Areas