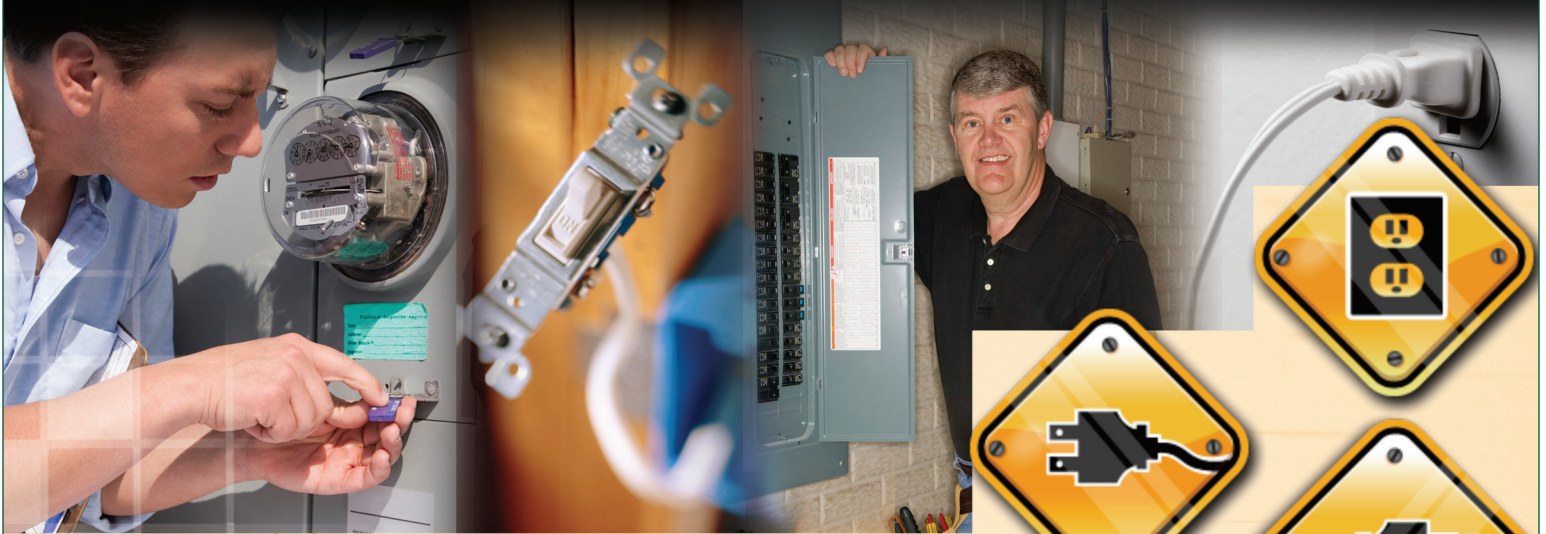


ELECTRICAL CONTRACTOR TRAINING INSTITUTE



-  **Instructor Led and Online Courses Available**
-  **Courses Designed to Meet Recognized Industry Standards**
-  **All Courses are Issued CE/PEU Credits and Documented on College Transcript**
-  **Certificates of Completion Issued for all Courses**

Instructor Led Courses Taught by Authorized Instructor and Based on the National Electrical Code

- Equipment Grounding & Bonding**
- Grounding Separately Derived Systems**
- Motors and Air-Conditioning Equipment**
- Information Technology Grounding**
- Transformers**
- Conductor Installations**
- Electrical Safety Awareness**
- Electrical Requirements for Health Care Facilities**
- NEC Analysis of Changes**
- Soares Grounding and Bonding**
- Neon Lighting – A Professional Advantage**
- Hazardous Locations**

Construction Safety Awareness Training:
OSHA 10-Hour
OSHA 30-Hour

ONLINE COURSES OFFER THE CONVENIENCE OF 24/7 ACCESS

Advanced AC Motor Principles
Conduit Bending
Conduit Layout and Installation
Conduit System Materials
Introduction to Transformers
KeyTrain Applied Technology - Electricity - Level 3
KeyTrain Applied Technology - Electricity - Level 4
KeyTrain Applied Technology - Electricity - Level 5
KeyTrain Applied Technology - Electricity - Level 6
Electrical Circuits and Supplies
Electrical Schematic Symbols - Input Devices
Electrical Schematic Symbols-Logic & Output Devices
Electrical Shock
Introduction to AC Components and Motors
Electromagnetism
Electrical Safety Awareness
Three-Phase AC Circuits
Introduction to AC Motor Maintenance
Introduction to DC Motor Maintenance
Introduction to DC Motor Theory
Introduction to DC Motors

Introduction to Electrical Diagrams
Introduction to Electrical Schematics
PLC1-Fundamentals
PLC2-Programming
PLC3-Inputs and Outputs
PLC4-Troubleshooting
PLC5-Communications and Advanced Programming
Preventive AC Motor Maintenance
Single-Phase Motors
Three-Phase Motors (Parts One & Two)
USA3-Mechanical and Electrical Inspection
HVAC&R1-Complete System Troubleshooting
HVAC&R2-Air Handlers-Mechanical Systems
HVAC&R3-Air Handlers-Calibration
HVAC&R4-Chillers-Mechanical Components
HVAC&R5-Chillers-Leak Check and Electrical
HVAC&R6-Cooling Towers-Maint. & Troubleshooting
HVAC&R7-Condensers-Maint. and Troubleshooting
Flow Control Valves
HDL1 - Harnessing Hydraulic Power
HDL3-The Hydraulic Pumps & Actuators

More online courses are available – For complete listing of courses go to www.jeffco.edu – Continuing Education and search from a variety of online publishers

*These courses have been approved by the Jefferson County Building Commission for professional education unit credits.
For more information on additional approved courses go to www.jeffco.edu – Continuing Education.*