



ELECTRICAL CONSTRUCTION

CIP Code: 46.0339

Program Overview

An instructional program that prepares individuals to apply technical knowledge and skills necessary to install, operate, maintain and repair electrically-energized residential, commercial and industrial systems, and DC and AC motors, controls and electrical distribution panels. Instruction emphasizes practical application of circuit diagrams and use of electrical codes and includes blueprint reading, sketching and other subjects essential for employment in the electrical occupations. Reading and interpretation of commercial and residential construction wiring codes and specifications, installation and maintenance of wiring, service and distribution networks within large construction complexes are also critical components of the program.

Classes are held Monday thru Friday from 8:15am-2:45pm.

Program Cost: \$8,000.00 - Effective 7/1/2024

**Estimated expenses not included in tuition: Required clearances (\$55.00), certification testing (\$75.00), textbook (\$225.00), supply (\$30.00) and/or uniform (\$100.00) costs.*

Textbook Requirements:

Electrical Wiring Residential, 21st edition, by: Simmons/Vigstol/Mullin (ISBN: 978-0357766965)

Basic Electrical Theory, 3rd edition, by: Holt (ISBN: 978-1932685398)

Understanding Fundamental NEC Requirements, by: Holt (ISBN: 978-1-950431-70-0)

Certifications: OSHA 10 and NOCTI

Program Start Dates: Fall (Late August) OR Spring (Mid-January) Semester Annually

Program Length: 900 hours

Please contact the Adult Education Office by phone at 814-201-9837 or email to info@jefftech.edu for additional information.

As always, Thank you for choosing Jeff Tech!