

ELECTRICAL CONSTRUCTION TECHNOLOGY

CAREER PATHS

CHIEF ELECTRICIAN
ELECTRICAL MAINTENANCE WORKER
MASTER ELECTRICIAN
LICENSED ELECTRICIAN
HOUSE WIRER
SOLAR PHOTOVOLTAIC ELECTRICIAN

SALARY

\$56,900*
MEDIAN ANNUAL INCOME

JOB GROWTH

2018-2028: 10%*



ELECTRICAL CONSTRUCTION TECHNOLOGY



PROGRAM OBJECTIVE

The Electrical Construction and Maintenance Technology program prepares students as entry-level technicians for the operation, inspection, installation, calibration, repair, maintenance and safety of residential and commercial electrical equipment.

READY. SET. WORK.

- Goal 1:** The graduate will be prepared as an entry-level technician in the electrical construction and maintenance industry
- Goal 2:** Graduates will demonstrate safe electrical practices and understand how important they are in the electrical environment.
- Goal 3:** Graduates will acquire a foundation of education and skills for career advancement and lifelong learning.

Applicants are encouraged to arrange a campus visit and a personal information session with a Recruitment Advisor. Appointments may also be made to meet with appropriate faculty and current students.

CAREER OPPORTUNITIES

Graduates work as residential and commercial electricians, industrial engineering technicians in production environments. Graduates will also be prepared as quality assurance technicians, linemen or technicians for the power industry. Typical employers in the electrical field are telecommunications companies, utilities, Union and Non-union electrical companies and manufacturing companies.

PROGRAM COURSES

Programmable Logic Controllers with Lab
Construction Elective
Introduction to Electricity for the Trades with Lab
Construction Safety
Fundamentals of Electricity with Lab
Motors and Controls with Lab
Residential Wiring with Lab
Electrical Grounding, Bonding, and Service Installation with Lab
National Electric Code Interpretation
Commercial Wiring with Lab
Industrial Maintenance and Mechanics with Lab
Applied Practice and Special Topics with Lab or Internship
Contract Drawings
Introduction to Business or Customer Service and Our World
Communication Elective
Microcomputers I
English Composition I or Industry Communications
MAT 101 or Higher
Science Elective
Student Success Seminar
Introduction to Pipefitting with Lab

Minimum Credits to Graduate

65



SCAN FOR YOUR FUTURE

There may be special admission requirements for this program. Please speak with a Recruitment Advisor by calling **570-702-8856** or visit our website **johnson.edu** to review our requirements.