

An electrician with a beard and blonde hair is shown in profile, focused on working with a rack of electrical equipment. He is wearing a dark jacket and is using a pair of wire cutters to trim a red wire. The equipment rack is filled with various components, including a circuit breaker panel and a terminal block. The background is slightly blurred, showing more of the equipment. The overall scene is set in a professional electrical control room or server room.

# ELECTRICIANS

## TRADE SUMMARY

During a career as an electrical construction worker, a person will likely be involved in many different types of jobs presenting many new and different challenges, working with his or her hands as well as with their mind. Much of the work involves installation, assembling, testing, repairing, layout, and design of electrical wiring, fixtures, and apparatus used for power, light, heating, air conditioning, and many types of control systems. Many jobs now incorporate computers.

# WHAT TO ANTICIPATE

Work is done both indoors and outdoors in all temperatures, weather, and environmental conditions. The trade, at times, requires considerable physical effort for lifting, carrying materials, ladders, and tools, and climbing ladders and scaffolds. Since most of the work is performed from ladders, scaffolds, or powered lifts, the Electrical Construction Worker must be comfortable working at a variety of heights. Most job functions require the use of hand and power tools.

WRITTEN EXAM	X
RELIABLE TRANSPORTATION	X
HIGH SCHOOL DIPLOMA/GED	X
PASS A DRUG TEST	X
18+ YEARS	
VALID DRIVER'S LICENSE	X

## REQUIRED DOCUMENTS

- Official Birth Certificate
- Official High School Diploma or GED
- Official High School or College Transcript Showing at Least 1 year of Algebra w/Passing Grade
- Valid Driver's License or Valid State Identification or Voter's Registration Card
- DD214 (if applicable)

*\$20.00 fee charge for required aptitude test. Fee is payable in cash.*

## CONTACT INFORMATION

**Electrical Workers IBEW Local 58 Detroit**

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Warren, MI 48092

<https://www.ibewlocal58.org/>

**LENGTH OF PROGRAM:** 5 YEARS

### WORKKEY SCORES

Applied Mathematics:	7
Graphic Literacy:	6
Workplace Documents:	6

## OCCUPATIONS WITHIN UNION

- Industrial Electrician
- Commercial Electrician
- Residential Electrician
- Voice, Data, Video Technician

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