



# ELECTRICAL AND ELECTRONICS ENGINEERS

NOC 21310

Research, design, construct and test electrical and electronic components and systems. Employers include utilities, manufacturers, consulting firms and government.



## 3-YEAR OUTLOOK



Moderate

## 3-YEAR JOB OPENINGS

49

## MEDIAN HOURLY WAGE

\$50.00

\$31.73 \$73.08  
LOW HIGH

## TYPICALLY REQUIRED



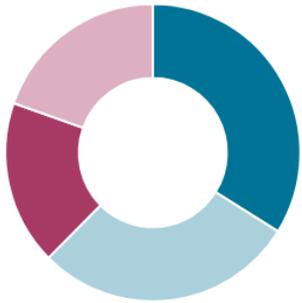
University

## EMPLOYED

762

## AVERAGE SALARY

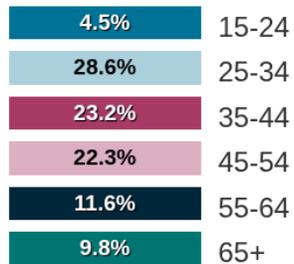
\$106,400



## EMPLOYMENT BY INDUSTRY



## EMPLOYMENT BY AGE



## ALSO KNOWN AS

- Avionics Engineer
- Control Systems Engineer
- Electrical Design Engineer
- Electrical Distribution Planning Engineer
- Electrical Engineer
- Electrical Network Engineer

## MAIN DUTIES:

- This group performs some or all of the following duties:
- Conduct research into the feasibility, design, operation and performance of electrical generation and distribution networks, electrical machinery and components and electronic communications, instrumentation and control systems, equipment, and components
  - Prepare material cost and timing estimates, reports and design specifications for electrical and electronic systems and equipment
  - Design electrical and electronic circuits, components, systems and equipment
  - Conduct micro or nanodevices simulations, characterization, process modeling and integration in the development of new electronic devices and products.

