

# ArrowHead Recruitments & Consulting

<https://arrowheadconsulting.ca/job/radio-broadcasting-engineer-21310/>

## Radio Broadcasting Engineer (21310)

### Description

Electrical and electronics engineers design, plan, research, evaluate and test electrical and electronic equipment and systems. They are employed by electrical utilities, communications companies, manufacturers of electrical and electronic equipment, consulting firms, and by a wide range of manufacturing, processing and transportation industries and government.

### Responsibilities

### Job duties

Here are some of the main activities and tasks that Electrical and electronics engineers have to perform, and some of the physical demands they involve:

- 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
- Supervise and inspect the installation, modification, testing and operation of electrical and electronic systems and equipment
- Develop maintenance and operating standards for electrical and electronic systems and equipment
- Investigate electrical or electronic failures
- Prepare contract documents and evaluate tenders for construction or maintenance
- Supervise technicians, technologists, programmers, analysts and other engineers.

### Workplaces and employers

Here are the typical workplaces where Electrical and electronics engineers are employed and some of their main characteristics:

- Manufacturing industries
- Telecommunications companies
- Consulting businesses
- Manufacturers of electrical and electronic equipment
- Electrical power utilities
- Governments
- Processing industries

### Hiring organization

ArrowHead Recruitments & Consulting

### Employment Type

Full-time

### Beginning of employment

ASAP

### Duration of employment

Permanent

### Industry

research and development (R&D) electrical engineers

### Job Location

Edmonton, Alberta, Canada

### Working Hours

9 AM TO 5 PM

### Base Salary

\$ 28/hr - \$ 32/hr

### Date posted

May 1, 2025

### Valid through

31.05.2025

- Transportation industries

## **Qualifications**

## **Employment requirements**

This is what you typically need for the job.

- A bachelor's degree in electrical or electronics engineering or in an appropriate related engineering discipline is required.
- A master's or doctoral degree in a related engineering discipline may be required.
- Licensing by a provincial or territorial association of professional engineers is required to approve engineering drawings and reports and to practise as a Professional Engineer (P.Eng.).
- Engineers are eligible for registration following graduation from an accredited educational program, and after three or four years of supervised work experience in engineering and passing a professional practice examination.
- Leadership in Energy and Environmental Design (LEED) certification is offered by the Canada Green Building Council and may be required by some employers.