# electronics engineering technologist

**Posted by**: AXIBO

**Posting date**:12-Jan-2026 **Closing date**: 11-Jul-2026

**Education**: Completion of a 2–3 year post-secondary diploma in Electrical/Electronics Engineering Technology (or equivalent)

**Language**: English

**Job location**: Cambridge

**Salary**: $36.00 to 38.00 hourly (To be negotiated) Per Hour

**Years of Experience**: 1 year

**Vacancy**: Electronics Engineering Technologist

**Job Type**: Full Time **Job id**: CAJ6509802

## Job description:

At AXIBO, we are building Canada’s first fully Canadian-designed and manufactured humanoid robotic platform—actuators, controllers, firmware, perception, and AI models included. Our robots operate in demanding industrial manufacturing environments, and we design every component—from BLDC motor controllers to high-voltage power stages—to deliver high performance, reliability, and safety.

If you want to shape the future of Canadian robotics, solve complex real-time engineering challenges, and work in a culture built on trust, ownership, and innovation, AXIBO will feel like home.

Why AXIBO?

We are a fast-moving, deeply technical robotics company driven by a mission:

Build sovereign Canadian robotic technology that enables flexible manufacturing at global scale.
Every actuator, controller, and PCB we design contributes directly to a humanoid robot that welds, climbs stairs, performs material handling, and adapts in real time through advanced AI perception and control.

We operate in an environment where:
Engineers own their designs end-to-end,
Creativity is encouraged,
Fail-fast learning is celebrated, and
Everyone is trusted to do the right thing.

Your Role: electronics engineering technologist

As an Electronics Engineering Technologist, you will support the design, prototyping, integration, and validation of AXIBO’s next-generation electronics for the humanoid platform, including high-power BLDC motor control hardware, FOC-based servo drive electronics, sensor interface/front-end circuits, power distribution, safety subsystems, and embedded communication networks.

Working closely with firmware, controls, mechanical design, and AI teams, you will help deliver integrated electronic subsystems by building and testing prototypes, preparing test setups, running bench and verification tests, troubleshooting hardware issues, collecting and compiling test data, and documenting procedures and results. The role supports reliable, production-ready electronics operating in millisecond-level real-time environments.

In This Role, You Will:

Design and develop power equipment and systems
Supervise the building and testing of prototypes
Assist in design, development and testing
Write specifications
Assist in inspecting, testing and adjusting electronic components
Assist in building and testing prototypes to specifications

Collect and compile operational or experimental data
Set up and operate specialized and standard test equipment to diagnose, test and analyze the performance of electrical and electronic components, assemblies and systems

Salary: 36.00 to 38.00 hourly (To be negotiated) / 32 to 40 hours per week

Job Requirements:
FOC & BLDC Power System Expertise

Expertise in BLDC Motor drivers designs and FOC control.
Expertise in low-level embedded firmware (STM32, G4/G0/H7 families) development
Expertise in communication protocols: CAN-FD, RS-485, SPI, I2C, and custom high-bandwidth sensor links
Background in PCB design for high-power and high-speed electronics

Experience and specialization
Equipment, systems and controls experience
Robotic equipment and systems
Electric motors, generators, drives and motor controls
Electronic testing equipment and systems

Education: Completion of a 2–3 year post-secondary diploma in Electrical/Electronics Engineering Technology (or equivalent)

Good knowledge of English Language

Experience: Minimum 1 year relevant experience supporting electronics design/prototyping/testing (power electronics, motor control, embedded systems, instrumentation, etc.)

When you apply please reply to the following questions:
Are you eligible to work in Canada?
Why are you leaving your current role?
Any upcoming commitments that would affect your start date or availability?
Can you work full time hours or part time?

You can send us your resumes at axiboroboticsjobs@gmail.com

**To apply for this job vacancy, please send your resume along with a cover letter and a refrence letter from your previous employer to the following email: axiboroboticsjobs@gmail.com**

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