



Electro-Mechanical Technologist

[TRIUMF](#) is Canada's particle accelerator centre, and one of the world's leading laboratories for particle and nuclear physics and accelerator-based science. We are an international centre for discovery and innovation, advancing fundamental, applied, and interdisciplinary research for science, medicine, and business.

At TRIUMF, we're passionate about accelerating discovery and innovation to improve lives and build a better world. Equity, diversity, and inclusion are integral to excellence and enhance our ability to create knowledge and opportunity for all. Together, we are committed to building an inclusive culture that encourages, supports, and celebrates the voices of our employees, students, partners, and the people and communities we serve.

We are currently searching for an entry-level Electro-Mechanical Technologist to provide routine electronic and electro-mechanical support for the TRIUMF Diagnostics group. The responsibilities include maintenance, repair and operation support for the existing TRIUMF diagnostic equipment as well as design, manufacture, assembly and installation of new devices. Your other responsibilities include, but are not limited to:

- Assisting with the design and implementation of diagnostic devices for new projects
- Assembling and installing various diagnostics cables, and installing diagnostic equipment in the field
- Under the direction of senior staff, will perform schematic entry and PCB layout and complex measurements and tests of electronic modules
- As requested, will assist in assembly of electronic boards and design, manufacture and assemble front panels and enclosures
- As required, will assist in the procurement of electronic and mechanical components and the oversight of the manufacture of diagnostic devices and electronics through communication with the TRIUMF Machine and Electronic Shops

You will also be required to successfully complete the TRIUMF in-house radiation safety training course and be designated as a TRIUMF Nuclear Energy Worker.

As our ideal candidate, you have good communication and planning skills as well as the ability to work effectively as a productive team player. Your other qualifications include:

- Knowledge of electronics and electronics assembly including various soldering techniques, installation and troubleshooting
- Understanding of complex analog and digital circuits, basics of circuit theory and electronic components
- Ability to perform simple mechanical tasks and assembly
- Technical diploma in Electronic Technology or similar, and up to 1 year relevant, hands on experience, including experience with electronics test instrumentation

Although not a requirement, a familiarity with electronics design software for Schematic Capture and PCB layout, such as Altium Designer would be considered an asset to your application.

Applicants must be legally able to work in Canada on a permanent basis (Canadian Citizen or Permanent Resident).

TRIUMF is located on the south campus of the University of British Columbia, in the heart of Pacific Spirit Park in Vancouver, BC. We offer a competitive total compensation package, including comprehensive benefits, attractive salary, and an excellent opportunity to enhance your career portfolio in a high profile national research facility.

Learn more about how the amazing research and work we do at TRIUMF impacts humanity <https://www.rarestdrug.com/>

TRIUMF is an equal opportunity employer, and we welcome applications from all qualified candidates. Your application package must be submitted by email to recruiting@triumf.ca. To be accepted for consideration applications must be complete, and must include the following in one PDF file:

- Subject line: 857
- [Employment Application Form](#)
- Cover letter indicating salary expectations
- Resume

Application closing date: August 27, 2021

It is important to note that due to operation necessity, TRIUMF will as needed, make hiring decisions that could pre-empt the application closing date. Accordingly, we suggest candidates submit expressions of interest in a timely fashion.