



## Engineer in Training – Mechanical

Determinate Contract (up to 4 years), Engineering Department

### About Us

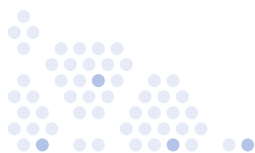
SNOLAB is Canada's deep-underground science laboratory, located at a depth of 2 kilometers in Vale's Creighton Mine near Sudbury, Ontario. The facility supports world-class astroparticle physics research and has attracted innovative life science and quantum technology programs. SNOLAB operates in a controlled, air-conditioned clean-room environment, supported by a suite of surface facilities and laboratories supported by a multidisciplinary team of scientists, engineers, skilled tradespeople, technical staff, and support staff.

By hosting and enabling the world's most advanced and sensitive underground experiments, SNOLAB bolsters Canada's scientific reputation, attracts new talent to our country and Northern Ontario, trains more highly skilled people, provides more opportunities for Canadian researchers to lead international projects, and generates economic benefits for Ontarians and Canadians.

### About the Role

The Engineer in Training (EIT) provides technical support and participates in the design, implementation, and optimization of engineering projects and systems that support SNOLAB's operations and research infrastructure. This entry-level role is part of SNOLAB's Engineer-in-Training program and is intended to develop professional engineering competencies under the supervision and mentorship of licensed engineers. The EIT contributes to engineering design work, project execution, and system analysis while rotating through varied assignments to gain exposure across disciplines and meet the experience requirements for professional licensure.

- Supports the design, development, and optimization of engineering systems and control strategies that enable safe and efficient operation of SNOLAB's infrastructure and experimental facilities.
- Assists with the preparation of project documentation, including scopes of work, schedules, budgets, health and safety plans, and quality plans.
- Prepares tender packages for electrical and instrumentation supply and installation contracts, reviews bid analyses and provides recommendations.



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- Develops and reviews engineering drawings, process and instrumentation diagrams (P&IDs), input/output wiring diagrams, and related technical documentation.
- Creates and maintains data sheets, calculations, specifications, charts, and graphs to support design and operational activities.
- Generates functional specifications incorporating control descriptions and automation strategies.
- Participates in the implementation of control systems and assists with testing, commissioning, and system verification activities.
- Performs field inspections, gathers data, and provides technical support to operations and maintenance teams.
- Completes assignments independently with guidance and mentorship from licensed engineers, supervisors, and scientific specialists.
- Other duties as assigned.

**Closing Date:** January 2, 2026

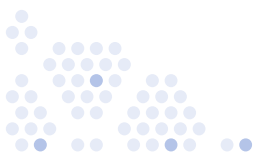
Applications will be accepted until **11:59pm Eastern Time**.

### **Education and Experience:**

Bachelor's degree in mechanical engineering

### **Knowledge, Skills and Abilities:**

- Developing knowledge of engineering principles, methods, and practices applicable to the design and operation of scientific and industrial systems.
- Ability to evaluate, select, apply, and adapt engineering techniques, procedures, and criteria under professional supervision.
- Proficiency with computer-aided design (CAD) and graphics software for drafting, modeling, and documentation purposes.
- Understanding of control systems, instrumentation, and data acquisition processes.
- Ability to interpret and produce technical drawings, specifications, and related documentation.
- Strong analytical and problem-solving skills with attention to accuracy and detail.
- Effective written and verbal communication skills for preparing reports, documentation and technical correspondence.



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- Ability to work collaboratively within multidisciplinary teams and seek guidance from senior engineers and technical specialists.
- Commitment to learning, professional growth, and adherence to safety and quality standards in all engineering activities

**Salary Range:** \$70,673 - \$83,144 per annum

#### **Total Rewards:**

- Employer paid dental, extended health, vision care, emergency travel assistance, Employee Assistance Program (EAP), Life Insurance, and supplementary Wellness Benefits.
- Excellent Employee Pension Plan
- Disability benefits, and optional additional Life insurance and Accidental Death & Dismemberment (AD&D)
- Generous paid time off
- Maternity and paternity leave supplement pay

All applications must be submitted to [jobs@snolab.ca](mailto:jobs@snolab.ca). **Please do not fax or mail your applications.** By applying to the e-mail address, your application becomes available to managers immediately. Interested candidates should include a cover letter and resume.

SNOLAB thanks all applicants for their interest, however, only those candidates considered for an interview will be contacted.

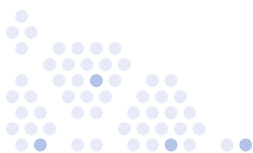
SNOLAB is committed to equity in employment and encourage applications from all qualified applicants, including women, Indigenous persons, members of visible minorities and persons with disabilities. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

SNOLAB will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs.

Further information about SNOLAB may be found at [www.snolab.ca](http://www.snolab.ca)

*SNOLAB is located on the traditional territory of the Robinson-Huron Treaty of 1850, shared by the Indigenous people of the surrounding Atikameksheng Anishnawbek First Nation as part of the larger Anishinabek Nation.*

*We acknowledge those who came before us and honour those who are the caretakers of this land and the waters.*



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