



Student – Project Office Co-op

(Jan 2025- Apr 2025)

Research Division

Winter 2025

About Us

SNOLAB is an international facility for world-class underground physics research and has an expanding programme in astroparticle physics and underground science. Located in an air-conditioned clean room 2 km underground in the Vale Creighton Mine near Sudbury Ontario, with a suite of surface facilities and laboratories, SNOLAB is currently preparing for the next generation of experiments focusing on neutrino studies and the search for galactic dark matter. SNOLAB is looking for energetic and passionate student to team up with our skilled staff providing support for next generation experiments.

The abovesaid type student placements are intended to give students an opportunity to gain practical work experience that will help open future doors of opportunity. These paid positions are for a period of approximate 4 months and all required necessary training will be provided by SNOLAB along with loan of drift access clothing, clean room clothing and tools. Training may consist of:

1. Vale trainings including Zero Energy Lock and Tag program (ZES)
2. WHMIS
3. SNOLAB site specific orientation training
4. Other approve trainings as required.

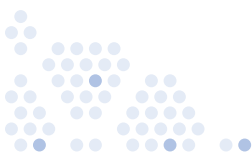
The Position

This position supports the Project Management Office Manager. The main task is to assist in the execution of various construction/commissioning projects situated in the underground laboratory.

Duties include reviewing plans and technical drawings, troubleshooting issues, helping install or build components and testing systems underground for various projects led by SNOLAB project managers. The individual will be required to go and perform underground work and field inspections to assist in troubleshooting issues, helping install or build components and testing systems underground in the lab.

The Project Management Office provides project management, planning, coordination and reporting services to both the SNOLAB facility, and to the experimental collaborations for experiments hosted at SNOLAB. Some of the responsibilities of the position are as follows:

- Producing as-built technical drawings under the direction of a designer or engineer
- Researching/Selecting materials and components to meet performance requirements
- Providing hand-on support to gain practical, real-world experience in installing and maintaining piping systems and instrumentation.



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- Participate in other safety meetings and trainings to increase your knowledge and adherence to safety protocols and standards.
- Participating in technical design review meetings, discussions with skilled trades, engineers and other stakeholders in order to develop or progress technical designs
- Participating in review meetings, discussions with stakeholders to execute timely installation of components.
- Perform Quality Assurance to ensure high-quality installation meets regulatory and project specification.
- Performing field inspections and other on-site work in the SNOLAB underground facility

Education:

Must be 18 years or older, registered in post-secondary Bachelor of Engineering or Applied Science at an accredited institution, recent graduate (having graduated in the last 3-6 months) or individual returning to full-time or part-time studies in the next academic term.

Experience:

Experience in the following items would be considered an asset:

- Experience using tools to connect and secure various types of piping systems, including PVC, copper, steel, and other materials
- Experience in reading and interpreting piping and instrumentation diagrams (P&IDs) and other drawings and Standard Operating procedures to ensure accurate installation
- Hands-on field experience in setting up and commissioning equipment, ensuring proper alignment, calibration, and functionality
- Proficiency in working with Delta V control systems, including programming, configuration, and troubleshooting
- Knowledge to ensure compliance with safety, quality, and regulatory standards.

Salary Range

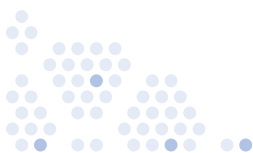
Salary will be determined by education and qualifications. These positions are subject to availability of funding. To meet operational needs, shift work may be required.

To Apply

Applications must be submitted to mobaid@snolab.ca. If you wish to do so, you can send it to studentjobs@snolab.ca as well: it will be added to a pool seen by other Research Scientists/Managers and could be selected for other jobs. The application will include a cover letter and resume in a single PDF file with the name: "<Name>_EngStudent_<AcademicYear>_<HomeInstitution>.pdf"

Closing Date

Jan Term (Winter 2025) Deadline to Apply: October 1, 2024



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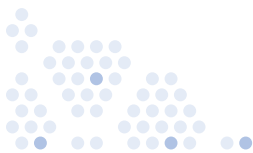
The posting will remain open until the position is filled, but review of applications will commence on June 12. SNOLAB thanks all applicants for their interest, however, only those students considered for an interview will be contacted.

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

Posting Date: September 15, 2024



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