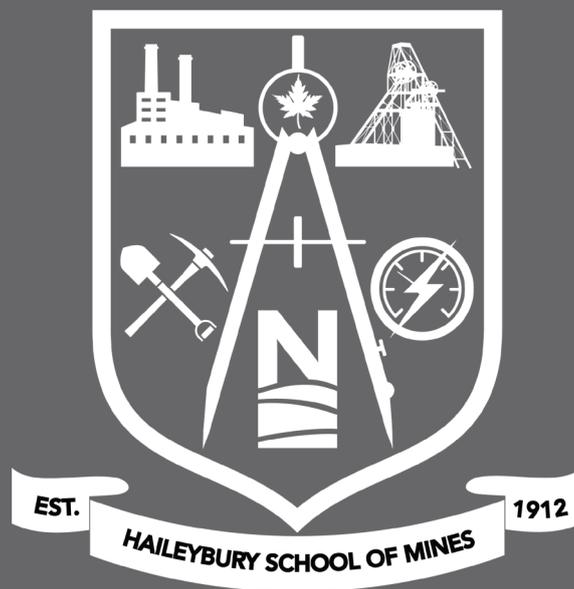


Building the Second Century of Mining Excellence in Northern Ontario



NNorthern
COLLEGE

NNorthern
TRAINING DIVISION

NNorthern
INNOVATION HUB



Building the Second Century of Mining Excellence in Northern Ontario

Northern College's Haileybury School of Mines, Northern Training Division, and the Innovation Hub are continuing to develop new practices and partnerships to build on our history of mining excellence in our second century of operations.

In addition to post-secondary diploma programs that prepare graduates for a fulfilling career in mining in many facets of this industry through the Haileybury School of Mines at Northern College, Northern Training Division offers industry training for careers in mining with direct input from employers in the industry on the skills and qualifications that are most in demand.

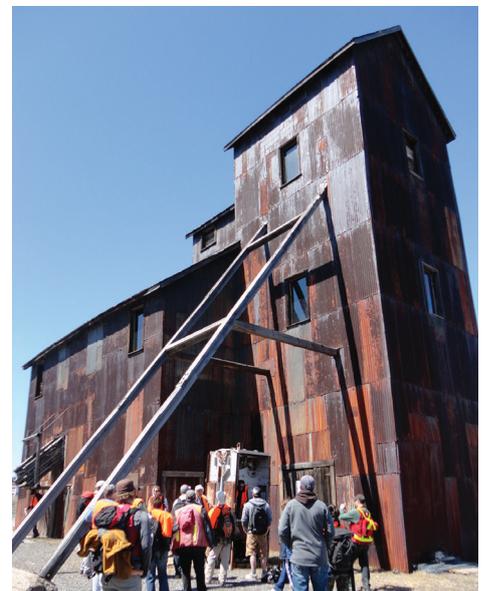
To further supplement the education and training offered at Northern, the Innovation Hub provides Research and Development opportunities to help organizations identify how to advance in new or existing technologies and processes to better service the needs of the fast-paced and changing landscape of the mining sector. A combination of education, skilled training, and support to meet the needs of employers allows Northern to continue to be a leader in supporting mining in both Northern Ontario, and globally.



Education & Training for the Workforce

Where it all began: Northern College's Haileybury School of Mines

The Haileybury School of Mines has been providing education and training for workers in the mining sector since 1912, and Northern College continues to offer these post-secondary programs specific to the varied needs of the mining industry. The one-year certificate in Mineral Exploration Techniques is designed to provide students with the entry-level knowledge and skills to function as a valuable member of a mineral exploration team on projects in grassroots exploration to mine-site exploration. The two-year diploma program Mining Engineering Technician Diploma gives students the skills and education to support the engineering teams of mines and become equipped to be involved in all aspects of mining, including exploration, planning, development, operations, mineral extraction, and environmental control. Recently added courses in Mining Economics, Project Management, and Ground Control & Ventilation bring modern mining issues into the classroom.



Solutions for a Powerful Workforce

Keeping up with the times: Northern Training Division's Mining Training Opportunities

Northern Training Division offers programs to upskill existing workforces, as well as provide opportunities for individuals seeking to enter the mining sector to gain the skills required to meet the needs of employers in the industry. Northern Training Division's industry based training programs include, for example,

- Mining Essentials
- Underground Hard Rock Miner Common Core
- Surface Diamond Driller Assistant Common Core
- Battery Electric Vehicle training
- Mill Process Operator Common Core
- Rock Truck, Equipment Operator
- Trades Apprenticeships

These training programs, offered throughout Northern Ontario, allow individuals in any community to develop the skills to enter a longlasting career in mining.



Education and Training that Meets the Demands of Employers Locally and Beyond

Our graduates and trained workers integrate into mining and extractive sector workplace settings seamlessly and effectively because both our post-secondary programs and training opportunities actively seek input and feedback from employers in the industry to update the programs to meet employers' labour needs. Programming is delivered through a combination of instructor-led virtual classroom delivery, leading-edge e-learning experiences and face-to-face labs and on-site training at locations across Ontario and beyond to support the needs for access to education. The programs foster networks and partnerships with communities, businesses, and organizations that support the local economy and the globalized mining industry as a whole.

The diverse and essential supports offered through new approaches to training and the ability to reach communities and populations previously excluded due to geographical and financial barriers, have allowed NTD and Northern College to meet the ever-changing needs of the labour market and demands of job seekers. Together, with the Innovation Hub, this ensures that the mining industry, which has been essential to our local communities and global economy can thrive and keep up with the changes in technologies, sustainability, and green-technology.



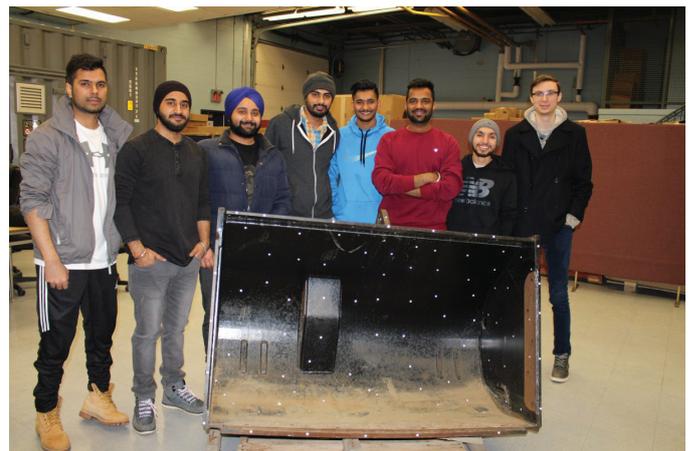
Looking forward: The Innovation Hub's Impact on Industry

Education and specialized skills training from Northern Training Division and the Haileybury School of Mines, is supplemented by Innovation Hub's services in Research & Development for companies and organizations in the mining sector, and beyond.

The Innovation Hub provides opportunities for industry to utilize research facilities, equipment and personnel to identify ways to increase productivity or create a new product. With government funding, this department of Northern supports industries' initiatives to integrate and adapt new technologies and innovations in their workplace. A new mining centric wing at the Timmins Campus, that extends over 23,00 square-feet, is almost complete and includes:

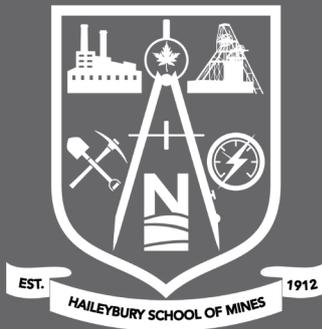
- Manufacturing Lab
- Prototyping Lab
- Post-Printing Space
- Mining Exploration Lab
- Machine Shop
- Alternative Energy Lab
- Simulated Reality Lab

With new experiential learning prospects happening in all trades technology programs, new capacity for research opportunities is limitless.



Together, the Haileybury School of Mines at Northern College, Northern Training Division, and the Innovation Hub continue to be an important factor in meeting the needs and demands of the mining industry. An industry that is rooted in the history of Northern Ontario, what the region is today, and how this region contributes to the global mining industry.

Learn more about the opportunities we offer.



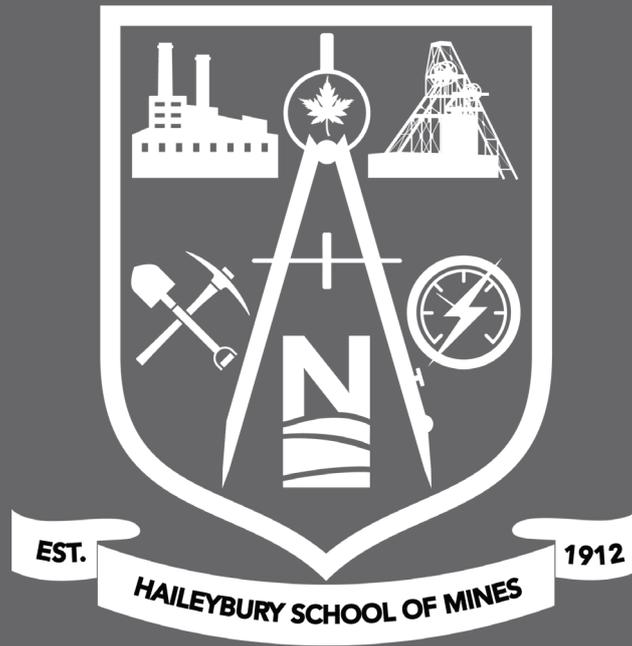
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