



Mining and Mineral Resource Engineering

Building on 50 years of Mineral Exploration and Mining Education



BRITISH COLUMBIA
INSTITUTE OF TECHNOLOGY

BCIT has developed an innovative engineering degree in direct response to an articulated need within the global mining industry.

Starting this Fall, BCIT will offer a new **bachelor degree in Mining and Mineral Resource Engineering**.

A unique combination of geology, mineral exploration, and mining, the new degree will prepare graduates to take a leading role in the discovery, evaluation, development, operation, and remediation of mineral resource projects.

Currently, there are no other undergraduate degrees in Canada that combine the critical skills of mineral exploration geology with mine engineering. Graduates will be prepared for a diversity of leading positions in the natural resource sector across BC, Canada, or indeed, around the world.

“This degree will close the knowledge gap that often exists between geologists and engineers,” said Robert Stevens, Associate Dean, Engineering and Natural Resources, BCIT. “By leading the way in our field, BCIT is addressing a direct industry need for Qualified Persons with a diverse skill set.”

KEY FEATURES OF THE DEGREE:

Focused on advanced exploration, feasibility studies and mine operations, the Bachelor of Engineering in Mining and Mineral Resource Engineering prepares graduates:

- > to become professional Engineers and Qualified Persons (QP), and
- > for employment in both mineral exploration and mining, and for positions in mining engineering, geological engineering and geology.

“As the baby boom generation begins to retire over the next decade, Canada is expected to reach a point where more people will leave the workforce than enter it. This presents a challenge to all sectors of the economy and mining is no exception. In fact as the retirement age is lower in the mining sector the urgency here is greater than other sectors.”

*Extract from the MIHR–Canadian Mining Industry Employment and Hiring Forecasts
– 2011.*



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This unique degree builds on BCIT's 50-year track-record of offering the Mineral Exploration and Mining Diploma as well as industry relevant engineering and trades programs.

“BCIT’s Mining and Mineral Exploration Technology program is intensive and hands-on, with large lab components, good facilities, and excellent instructors. I found the course material to be relevant and up-to-date in reflecting current and foreseeable industry needs. Upon program completion, I feel I will be successful in finding work due to well-developed teamwork and time management skills, as well as the knowledge necessary to make a positive contribution to industry employers.”

- Alison Kayes, Graduate.

The Degree will produce graduates with in-depth skills, experience and knowledge in:

- > Geology & mineral deposits
- > Mine design & operations
- > Mineral exploration
- > Environmental practice & sustainability
- > Mineral resource estimation
- > Feasibility studies

Our goal is to meet your needs. BCIT knows the importance of the mining industry to the prosperity of BC and Canada and we will continue to provide the skilled-labour to ensure its continued success at all levels.

The program is now accepting applicants for the anticipated September 2015 start date.

For more information:

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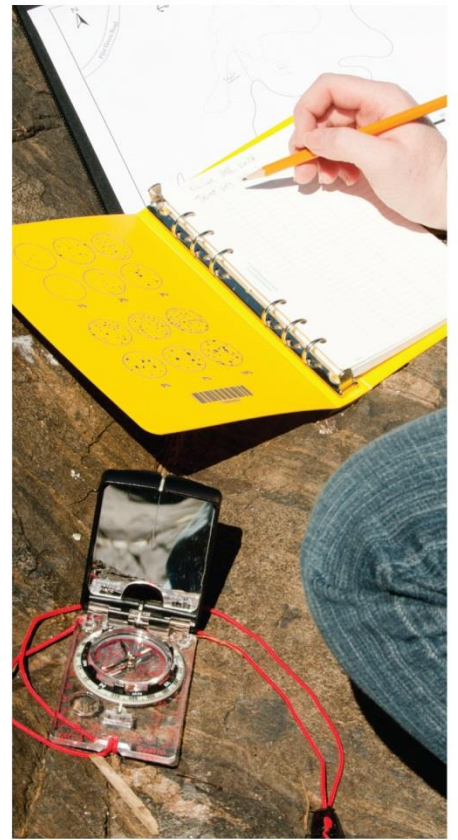
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