



IMII's Education & Training Program supports the future workforce for the mining and minerals industry through innovative curriculum and skills development.

Projects are a maximum of two-years and require a self-sustaining continuity plan. Other funding sources should be considered to assist with program costs.

The Program supports post-secondary education to create an academic infrastructure that is proactive in the development of essential skills of the future workforce and supporting mining's digital transformation.

The changing landscape is seeing an emphasis on technologies such as robotic process automation, artificial intelligence, and big data and analytics. There is a challenge to adapt to a rapidly changing skills and labour landscape. As technology continues to evolve at a rate outpacing labour market and skills development, there is a pressing need to enable a modernized, digitally ready workforce.

The Program is utilized to develop new curriculum or update current curriculum with innovative tools and methodology to support an agile and digital workforce. Key elements to a project could include:

- Innovative technology or methodology for teaching
- Identifying other available and relevant programs
- Pilot testing phase
- Continuity plan

Projects are supported by the IMII team and IMII member's industry experts when required.

Areas of interest are:

- Artificial intelligence and machine learning
- Augmented / virtual reality
- Data analytics and problem solving
- Digitization and automation
- Essential and soft skills
- Health and safety
- High need occupations
- Micro-credentials
- STEM – science, technology, engineering, math
- Youth engagement outside of school



Expression of Interest Guidelines

Note that all sections are required to be completed.

The total length of the proposal should not exceed **4 pages** including the cover page.

Proposal ID:

Please do not complete this. A proposal ID will be provided upon the submission of your proposal.

Date of Submission:

Enter the date you submit the document to IMII.

Title of Proposal:

Please select a short title that clearly identifies what the proposal is about. This title should be able to be carried throughout the term of a project.

Contact Information:

Please provide your full contact information.

Application Details:

Proposal Category:

Please select one category from the list on the application that best meets your proposal.

Funding Requirements:

Please note that a minimum of 25% of the overall budget must be provided by the proponent and sources outside of IMII. This can be cash, in-kind of a tangible value, or the raising of funds from other sources for the project. In-kind can represent salaries, resources, materials, or services that provide a direct value to completing the project. Expenses incurred prior to the project will not be accepted.

Please enter the total cash budget required to complete the project, the amount of funding being requested IMII, your organizations' cash contribution, and other anticipated cash contributions (e.g., federal funding program). Enter total in-kind budget, the estimated value required from industry (IMII members), the total in-kind contribution from your organization or supporting organizations.

Project length is the total time to complete the project.



Project Team:

- a) Please discuss the core project team working on this project. Describe capabilities, related experience, resources.
- b) Please discuss the collaborators who are directly partnering with you and supporting organizations that are providing indirect support to deliver this project.

Project Concept and Methodology:

- a) Statement of Need – Please describe the problem your project will address, the population/ demographics it will serve, and the relevance to building the future workforce and workplace in industry. Address the percentage of the total provincial audience this project will reach.
- b) Project Description – Describe the project/program and any key innovative approaches you will take with the project. Describe the background information on which the project is built. Outline the methodology proposed to address the focus of the project. Describe the proposed inputs or interactions with industry.
- c) Describe the intended deliverables and main beneficiaries of the project. Describe the objectives of the project.

Applications should be submitted to Monique Lischynski @ ETprojects@imii.ca.