

UNDERGROUND HARD ROCK MINER COMMON CORE

GUIDELINE FOR COMPLETING THE APPLICATION FORM

- ✓ Read **ALL** documentation carefully in order to ensure that you understand the information contained within the registration package.
- ✓ Ensure the following information is provided as per the “**SUPPORTING DOCUMENTATION - CHECKLIST**” below:

SUPPORTING DOCUMENTATION - CHECKLIST

The following items must be returned by:

E-MAIL: hardrockminer@northern.on.ca

FAX: 705.235.6853

CANADA POST MAIL: P.O. Box 3211, Timmins, ON P4N 8R6 or

IN PERSON to Northern College, 4715 Hwy 101 East, South Porcupine, ON

- ✓ Completed Application Form
- ✓ Anticipated Source of Funding

FUNDING

Funding sources may include:

- Second Career
- Student loans
- First Nations
- RESPs (long form)
- Ontario Works
- Self-funded

This program is not eligible for Ontario Student Assistance Program (OSAP).

Second Career funding may take up to 8 weeks to process. In order to expedite the process please submit your application and required documents while you are waiting for confirmation of funding. For assistance in completing the application form, please contact Northern Training Division directly at 705.235.3211, x. 2174 or hardrockminer@northern.on.ca.

APPLICATION FORM

| | | | |
|---|--|-----------|--------------|
| Name: (please print) | Date of birth: ____/____/____ DD MMM YYYY | | |
| Mailing address: | | | |
| PO Box/Suite/Apt: | | | |
| | City: | Province: | Postal Code: |
| Phone: | Home: | Cell: | |
| E-mail address: | | | |
| Do you consider yourself to be an Indigenous person? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |

Are you aware of the following?

- The skills required to perform the duties of a miner? Yes No Unsure
- Have you ever been in an underground mine? Yes No
- If YES, how do you feel about working/learning underground?

EDUCATION:

1. What is the highest level of education you have completed?

- Grade 8-10 Grade 11 Grade 12 Grade 12 Equivalent Grade 13/OAC
- Academic Upgrading
- College – Certificate/Diploma: _____
- University – Degree: _____
- Other: _____

2. Do you have an identified learning disability? Yes No

If yes, please explain: _____

IDENTIFY INTENDED SOURCE(S) OF FUNDING (CHECK APPLICABLE BOX(S)):

- Second Career Student loans First Nations Band
- RESP (long form) Ontario Works Self-funded

UNDERGROUND HARD ROCK MINER COMMON CORE PROGRAM

14 WEEKS – TAHOE CANADA, BELL CREEK

PROGRAM OBJECTIVES

Northern College has developed this modular training program to cover the basic knowledge and skills required to work competently as an Underground Hard Rock Miner. The *Underground Hard Rock Miner Common Core Program* is designed to cover the following areas of competency required in the *Ministry of Training, Colleges and Universities* (MTCU) Certification Program 770010:

- U0000 – Follow Surface and Underground Induction Procedures
- U0001 – Perform General Inspections
- U0002 – Scale Loose Rock
- U0003 – Set up Wooden Staging
- U0004 – Drill Rock
- U0005 – Rock Bolt Ground
- U0006 – Blast Rock
- U0010 – Muck with Load Haul Dump Machine
- U0011 – Extend Services
- U0012 – Perform General Lock Out and Tag on Prime Movers and Other Related Equipment

Upon completion of the core modules, there may be opportunity to be trained in up to two additional modules including:

- U0024 – Operate Utility Vehicle, and/or U0079 Operate Conveyor
- U0003b – Set up Mechanical Staging

**Please refer to page 7 for module descriptions.*

CERTIFICATION

Participants who successfully complete this 14-week program will receive a *Northern College Board* approved Certificate. To obtain this certification, the participant must obtain an overall passing grade of 80%.

Students must also maintain at a minimum 98% attendance throughout the program. This standard must be upheld knowing that students missing classes will miss critical instruction which may increase the risk to themselves and those around them. Students who fail to meet these standards may be at risk of failure or removal from the program.

This program is designed to provide participants with the practical and theoretical knowledge which is required to be recognized and registered with the *Ontario Ministry of Training, Colleges and Universities* (MTCU) apprenticeship branch.

As added value to the training and at Tahoe Canada's discretion, the mine may provide upon acceptable demonstration of competency, both trainer and employer modular sign offs.

LABOUR MARKET INFORMATION

The skills acquired in this program will assist graduates in obtaining entry level employment within the exciting and expanding mining industry. Employment for this occupation is expected to grow with many new positions being created as a result of the increased activity in mining exploration at a local, regional, provincial, national and international levels. Wage rates paid to underground miners at an entry level, commonly start at approximately \$25 an hour + bonuses which, in itself, equals or even exceed the hourly wage. For further information, please review the web links provided.

LINKS TO LABOUR MARKET INFORMATION

https://www.app.tcu.gov.on.ca/eng/labourmarket/ojf/profile.asp?NOC_CD=8231

<http://www.fnetb.com/wp-content/uploads/2016/11/Underground-Production-and-Development-Miners-FNETB-EN.pdf>

We encourage you to contact potential employers; or, for those from Northeastern Ontario, the Far North East Training Board (for specific labour market information). Alternatively, you can contact your local Regional Employment Centre or Employment Options office.

ADMISSION REQUIREMENTS

It is recommended that applicants be a high school graduate or mature learner, be at least 18 years of age or older and be able to read, write, respond and receive instruction in the English language. A post-secondary diploma is not required for admission into the program, however it may be a requirement of the hiring company.

Applicants must complete the following:

- Application Form (page 2)
- Mechanical Reasoning Test. Applicants must have a score of 50% or higher.
- Telephone interview with Tahoe Canada (only those successful candidates will be asked to move forward with the application process)

Acceptance letters will be issued after mechanical reasoning testing is complete and the grade requirement has been met. However; acceptance into the program remains conditional pending participants completing and passing medical requirements set out by Tahoe Canada.

FITNESS LEVEL REQUIREMENTS

Jobs in the mining sector may be physically demanding based on the activity they are performing. The program and mining related work may require minimum strength and positional requirements to effectively perform the tasks. Each trainee must be fit for training and work within their personal limitations. Below average hearing, vision and back health may restrict the opportunities which exist in this field. Participants should also be aware that many contractors and mining companies require company medical exams as part of their hiring process, including audio metric testing.

Although a medical is a requirement for program acceptance, it is recommended that anyone pursuing a career in this field receive a complete physical prior to registering for this program.

As a participant in the program, individuals will have access to the Northern College Gym.

ALCOHOL AND DRUGS

Tahoe Canada is committed to providing a safe environment for all personnel. The underground mining environment can be very hazardous and as a result, Tahoe Canada expects personnel to be fit and remain fit, exercise good judgment and respond with precise actions. We also recognize that the use of illicit drugs, alcohol and medications can affect personnel's health, safety and performance.

Any violation of the provisions of the Tahoe Canada Policy may result in discipline up to and including removal from the program. The Tahoe Canada policy will be provided to you in its entirety once you begin the program.

A breach in the Tahoe Canada and/or Northern College Code of Conduct can result in immediate dismissal from the program. Every participant will be required to complete mandatory Alcohol and Drug testing as directed by Tahoe Canada.

SELECTION PROCESS

Applicants will be issued an acceptance letter once all of the above admission requirements have been met.

Seats will be given on a first paid basis.

FEE SCHEDULE

Non-refundable tuition fees for this program are \$17,500.00*.

Included in the program will be:

- WHMIS certification
- 14 week Underground Hard Rock Miner Training
- Personal Protective Equipment **
- Full access to the Timmins Campus Fitness Facility
- Graduation

*Tuition does not include the cost of accommodations or travel to the mine/college. Rates are reviewed annually.

Up to **eight** candidates will be selected per program intake. These candidates will be asked to complete a confirmation form and indicate how they intend to cover the tuition fees. For those who are not eligible for sponsorship, a non-refundable deposit of \$1,000.00 will be required in order to secure their seats. Tuition must be paid in full prior to commencing training.

Only a letter confirming sponsorship from a sponsoring agency will be accepted in lieu of the deposit. A letter confirming a schedule of financial assistance must be submitted.

If you are thinking of applying for Second Career funding, it is important to remember that this process can take up to 8 weeks before approval is confirmed. Please contact your local service providers to verify funding eligibility and to begin the process of completing the application package.

** PERSONAL PROTECTIVE EQUIPMENT REQUIRED

Arrangements will be made to ensure that the equipment listed below will be provided at the start of the program.

The cost of this equipment is included in the tuition fee.

- CSA approved safety-boots with metatarsal guards
- High visibility coveralls
- Work gloves
- Safety glasses with side shields (prescription safety glasses will be the responsibility of the student)
- CSA approved hard hat and lamp with hearing protection
- Miner's Belt

ACCOMMODATIONS

Accommodations and associated costs are NOT included in the program. If required, individuals are responsible for securing their own accommodations. Interested individuals may contact Carrie Ann Bettiol, Timmins Campus Residence Coordinator, to inquire about availability of residence accommodations by telephone at 705.235.6800 or email at residence@northern.on.ca. Please contact your Funding Agency for possible assistance.

MODULES FOR UNDERGROUND HARD ROCK MINING COMMON CORE PROGRAM

| MODULES – GENERAL OBJECTIVES |
|--|
| <p>U0000 Follow Surface and Underground Induction Procedures</p> <p>Follow surface and underground induction procedures by demonstrating knowledge and understanding of the Internal Responsibility System (IRS); identifying surface areas; working around fixed, mobile and/or remotely controlled equipment; identifying underground areas; reviewing responses to surface and underground emergencies; locating manuals and complying with company policies and procedures; complying with union contracts and the joint health and safety policy; identifying and/or operating communication systems; identifying on-site explosive types; reviewing the use of communication devices in the vicinity of explosives; and guarding a blast and/or demonstrating how to blast.</p> |
| <p>U0001 Perform General Inspections</p> <p>Perform general inspections by identifying and responding to workplace hazards; wearing, adjusting and maintaining personal protective equipment; erecting safety signs; operating fire extinguishers; maintaining ventilation flow; operating hand and power tools; preparing for emergency evacuation; identifying, reporting and performing repairs for hazards of accumulation/impoundment of water; and practicing good housekeeping in the workplace.</p> |
| <p>U0002 Scale Loose Rock</p> <p>Scale loose rock by identifying and responding to rock noises, loose and ground conditions; identifying and responding to faulty ground support; identifying and responding to workplace hazards; inspecting and preparing rock for scaling; and scaling rock.</p> |
| <p>U0003 Set up Wooden Staging</p> <p>Set up wooden staging by: identifying and responding to workplace hazards; inspecting and scaling the workplace; planning and organizing the work site; constructing and erecting wooden staging and ladders; and tearing down, moving and storing wooden staging.</p> |
| <p>U0003B Set up Mechanical Staging</p> <p>Set up mechanical staging by: identifying and responding to workplace hazards; inspecting and scaling the workplace; performing equipment pre-operational checks on mechanical staging; operating mechanical staging; and performing shut down on mechanical staging.</p> |
| <p>U0004 Drill Rock</p> <p>Drill rock by: identifying and responding to workplace hazards; inspecting and scaling the workplace; preparing the face for drilling; setting up the drill; performing pre-operational checks on drill components; maintaining the drill; operating the drill; and tearing down the drill.</p> |

MODULES – GENERAL OBJECTIVES**U0005 Rock Bolt Ground**

Rock bolt ground by: identifying and responding to workplace hazards; inspecting and scaling the workplace; setting up the drill; performing pre-operational checks on drill components; maintaining the drill; operating the drill; installing rock bolts; and tearing down the drill.

U0006 Blast Rock

Blast rock by: identifying and responding to workplace hazards; inspecting and scaling the workplace; selecting blasting detonators for primary or secondary blasting; selecting blasting agents/explosives for primary or secondary blasting; transporting explosives and detonators to the work site; checking and cleaning drilled holes; selecting and operating explosive loading devices; performing primary or secondary blasting; tearing down, moving and storing explosives and loading equipment; guarding the area and preparing the blast; and reporting the blast.

U0010 Muck with Load Haul Dump Machine

Muck with load haul dump (LHD) machine by: identifying and responding to workplace hazards; inspecting and scaling the workplace; performing equipment pre-operational checks on the LHD machine; operating the LHD machine; conducting operational checks on the LHD machine; managing the muck pile; loading muck using the bucket; hauling muck with the bucket in the tram position; dumping muck; and parking and shutting down the LHD machine.

U0011 Extend Services

Extend services by: identifying and responding to workplace hazards; inspecting and scaling the workplace; installing pipe and ventilation supports; locking out and tagging services; installing pipelines and ventilation; reactivating air, water and auxiliary ventilation; and tearing down tools and equipment.

U0012 Perform General Lock Out and Tag

Perform general lock out and tag on prime movers and other related equipment by inspecting the workplace for hazardous and/or potentially hazardous conditions; identifying and responding to workplace hazards; identifying the prime mover(s) and other related equipment to be locked out and tagged; de-energizing the system and other related equipment; locking out and tagging the prime mover(s) and other related equipment; verifying a zero energy state; removing lock and tag; and energizing the prime mover(s) and other related equipment.

Elective Modules

U0024 Operate Utility Vehicle and/or U0079 Operate Conveyor