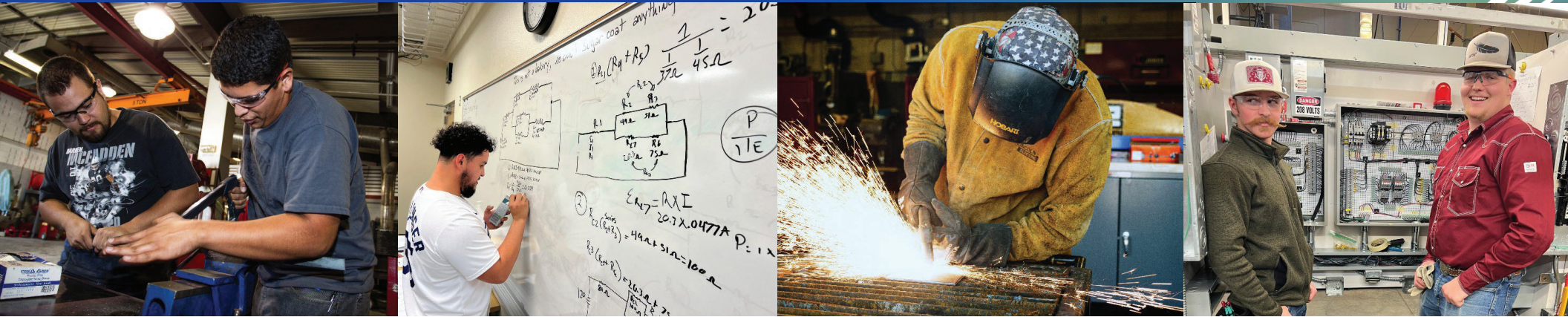




# Supporting Nevada's Critical Minerals Industry Through Education



# GBC's Track Record in Workforce Development



Great Basin College has developed **over 75 associate, bachelor, and certificate programs** since 1967 to meet the demands of Nevada's industries.

GBC has the **#1 Community College Graduation Rate** in Nevada at 53% in 2024.

Over 90% of Career & Technical Education graduates are **employed in less than six months** into their chosen fields.

We collaborate closely with technical skills committees comprising regional industry experts who guide us in launching, expanding, and refining our programs to **match real-world workplace needs**.



# About NORCAT

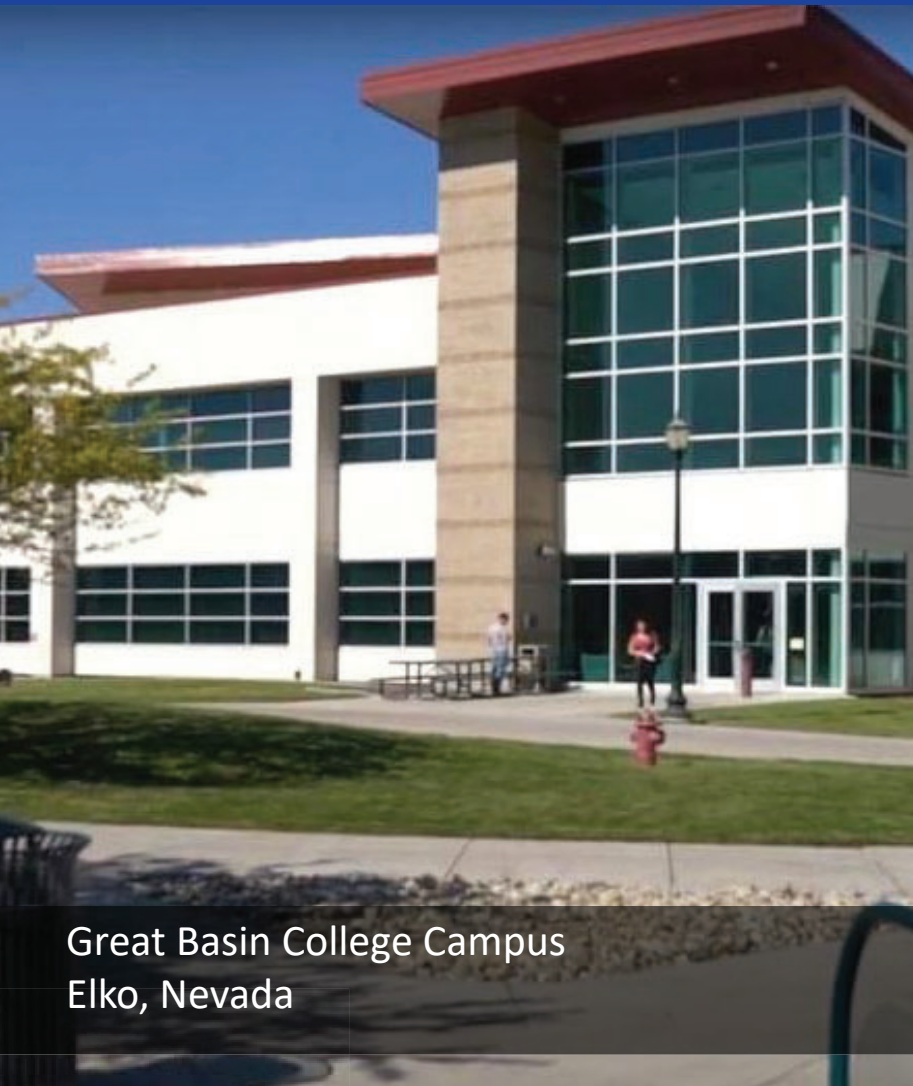
NORCAT is the **“one-stop shop”** for all that is the **future of critical minerals** technology, innovation, and skilled labor training and development.

We are the only non-profit regional innovation center **in the world** that has an **operating mine** that is designed to be used for both training the next generation workforce and as a regional innovation center.

- **Speed to market**
- **Depth and breadth**
- **Unique facilities**
- **Technology innovation**
- **Global client experience**



# GBC-NORCAT Mine Skills Training (MST) Partnership



Great Basin College Campus  
Elko, Nevada



NORCAT Head Office  
Sudbury, Ontario

# Addressing Nevada's Workforce Gaps

Nevada is facing significant challenges in filling workforce gaps, particularly in **rural areas** such as Elko, Humboldt, and Lander counties.

Gaps in educational services is identified as a **critical factor**.

*Examination of the Relationship between Workforce Development, Housing, Education and Childcare Services, and Healthcare Services: A White Paper* published by the University Center for Economic Development at the University of Nevada, Reno in August 2023.

In response, the GBC-NORCAT MST partnership is designed to address these challenges by offering high-skill, high-wage training opportunities tailored to the specific needs of these regions.

The GBC-NORCAT Mine Skills Training (MST) partnership was made possible by grant funding from the GOED Workforce Innovations for the New Nevada (WINN) Fund.

\$832,230 in funding will allow GBC-NORCAT MST to pay for salaries, curriculum development, and needed equipment and supplies to develop and enhance workforce capabilities across Nevada.



# Our Training Methodology



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# Entry-Level Miner Program

This program will help build capacity and a pipeline of new workers for the mining and mining supply industry.

**Program includes:**

- Mining fundamentals
- Variety of health and safety programs
- Auxiliary equipment training

**Will be delivered through a modern blended learning model which will leverage:**

- In-class instruction
- Virtual reality exercises
- Augmented reality exercises
- Hands-on practical

**A truly modern approach to train the next-generation workforce!**



# Modern Learning Methodology

Research done on our training methodology has demonstrated that:

- The critical minerals environment can be intimidating to new workers.
- Non-destructive learning environments provide a safe place for them to build new skills.
- They can achieve a higher level of confidence and competence in a shorter period of time.
- We can measure learning outcomes from start to finish with data.





# Learning Technologies



# Corporate Training



We will perform training at GBC campuses and at client locations.



In-the-field training will be delivered on the client's equipment, in their operations, aligned to their site-specific operating procedures.



Customized just-in-time training solutions for the critical minerals industry.



Variety of general health and safety programs available to industry at the GBC-NORCAT MST facility.



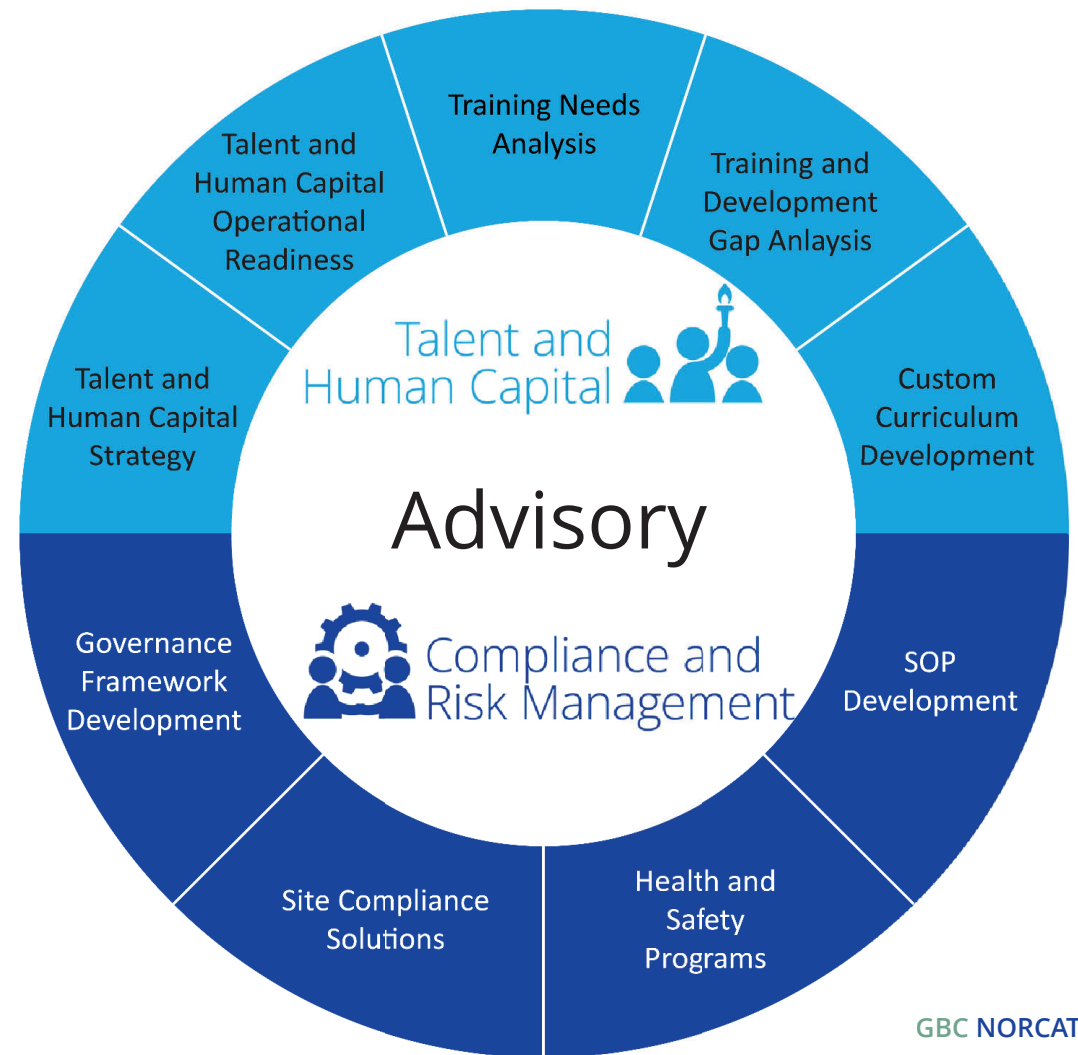


# Advisory Services

Advisory works with clients on a variety of strategic and tactical projects.

Our diverse and experienced team includes highly qualified professionals from leadership, strategy, and operational backgrounds.

The depth and breadth of our expertise allows us to delve into our client's organization using analytics and industry insight, providing scalable tools and sustainable solutions.



GBC NORCAT MST

# GBC-NORCAT MST Implementation Timeline

July 2024

Fall 2024

June 2025

- GBC-NORCAT MST partnership announced publicly.

- All management and training staff to be hired
- Renovations to office on GBC Elko campus underway
- Training to begin in late Fall

We plan to achieve the following:

- Train 90 students/employees in entry-level miner curriculum.
- Develop specialized training content for three Nevada companies.
- Ensure all programs include safety standards aligned with legislative regulations and industry best practices.
- Achieve financial self-sustainability by 2026.



## Ensuring Sustainability and Long-Term Impact

The program has been **designed to be self-sustaining**, thanks to one-time equipment and infrastructure investments, and ongoing partnerships with industry.

GBC is committed to increasing gender diversity in nontraditional fields and **supporting underrepresented populations** such as Native American, Hispanic/Latino, and other minority groups of students.





# Thank you!

[www.NevadaMST.com](http://www.NevadaMST.com)

