

MINING ENGINEERING, B.S.



Mining engineering is one of the most versatile engineering disciplines, and our graduates can find their niche in the modern mining industry. With the global demand for minerals needed to support energy transition and electrification goals, mining engineers are again finding themselves at the forefront of innovation and technology development. Graduates from Montana Tech will continue to lead the “traditional” sectors of the mining industry; such as construction materials, base and precious metals, and coal; but demand for “new” critical minerals like the rare earth elements, lithium, and cobalt will provide increased opportunities for our students.

APPLYING IS EASY AND FREE.

Montana residents can apply for free at applymontana.mus.edu.

Nonresidents can apply for free at mtech.edu/applynow.



APPLY HERE!

PLAN YOUR NEXT ADVENTURE.

We offer personalized campus visits most weekdays, including a meeting with a faculty member. We're confident you'll love visiting our campus, which overlooks historic Uptown Butte. To prove it, we're offering a complimentary one-night hotel stay to all visitors traveling 100 miles or more! Learn more about availability and schedule your visit at mtech.edu/visit.



LEARN MORE



MONTANA
TECHNOLOGICAL UNIVERSITY



Engineering
Accreditation
Commission

www.mtech.edu/mining-engineering

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The Underground Mine Education Center is such a motivator to come here. Students get to have hands-on experience that is not from internships. It's from just the university classes. That was just so valuable for me.

- Francisco Estatuet, current Mining Engineering student

CAREER PATHS

Montana Tech's ABET-accredited Mining Engineering program offers a transformative educational experience. We prepare our graduates for diverse career paths, from technical specializations (like mine design, blasting, rock mechanics, or ventilation) to operational roles leading mine operations and maintenance teams, and ultimately, managerial positions with top global mining companies. Our students gain practical, real-world knowledge through exposure to both surface and underground operations, access to cutting-edge labs, and hands-on experience in our unique, on-campus underground mining facility. The curriculum emphasizes safety, sustainability, and proficiency with industry-specific software.



\$101,020
median annual salary

(BLS, 2024)

WHERE DO OUR GRADUATES GO?



RioTinto

**WESTMORELAND
MINING LLC**

**Sibanye
Stillwater**

**NEVADA
GOLD MINES**



WHY STUDY MINING ENGINEERING AT MONTANA TECH?

- Study in the on-campus Underground Mine Education Center (UMEC).
- Join the Montana Tech Mining Team and compete in the International Collegiate Mining Competition, held all over the world
- Join the Montana Tech Mine Rescue Club

MONTANA
TECHNOLOGICAL UNIVERSITY
MINING ENGINEERING