

MINING TECHNOLOGY, A.S.

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: Fayette

End Campus: Fayette

Program Note: Only courses in the Maintenance Emphasis are available at Penn State Fayette for the Mining Technology, A.S. degree program.

Program Description

The Associate of Science degree in Mining Technology blends basic sciences, mathematics, principles and practices of management, and applied courses in Mining Technology to prepare students for supervisory roles in the Mining industry. This major helps prepare students for either a production-oriented or a maintenance-oriented position in the mining industry. Graduates of this major, after serving the required apprenticeship, should be qualified to become certified managers in their field. All students complete a common core of classes, but must also choose to enroll in one of two emphases, Maintenance or Production.

Maintenance Emphasis

The maintenance emphasis prepares students to become maintenance supervisors. Initially, graduates may work as apprentice electricians or mechanics to gain experience in repairs and planned maintenance. After certification is obtained, they may become involved with maintenance planning, working as or with the chief mine mechanic or chief mine electrician.

Production Emphasis

The production emphasis helps prepare students to become mine supervisors or engineering aides. Initially, some of the duties are to run transit and act as survey party chief, keep mine maps up to date and make projections, take samples and run analyses, make time studies, and assist with materials handling layouts.

What is Mining Technology?

The Mining Technology program prepares students for either a production-oriented or a maintenance-oriented position in the mining industry. Graduates of the major, after serving the required apprenticeship, can be qualified to become certified managers in their field.

You Might Like This Program If...

- You have a strong interest in science, especially geology.
- You like to study mathematics and solve problems.
- You are hardworking and enjoy collaboration with others.
- Hands-on coursework is of interest to you.
- You are interested in the mining industry.
- You care about the environment.
- You are interested in employee safety and the laws and regulations that impact safety.