

# MINING TECHNOLOGY, A.S.

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.**

## Degree Requirements

For the Associate of Science degree in Mining Technology, a minimum of 67 credits is required:

Requirement	Credits
General Education	21
Requirements for the Major	58-59

12 of the 21 credits for General Education are included in the Requirements for the Major. This includes: 6 credits of GWS courses; 3 credits of GN courses; 3 credits of GQ courses.

## Requirements for the Major

To graduate, a student enrolled in the major must earn a grade of C or better in each course designated by the major as a C-required course, as specified by Senate Policy 82-44 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#82-44>).

Code	Title	Credits
<b>Prescribed Courses</b>		
CAS 100	Effective Speech	3
CMPSC 100	Computer Fundamentals and Applications	3
EDSGN 100	Cornerstone Engineering Design	3
ENGL 15	Rhetoric and Composition	3
GEOSC 20	Planet Earth	3
MATH 81	Technical Mathematics I	3
MATH 82	Technical Mathematics II	3
MNG 223	Mineral Land and Mine Surveying	2
MNGT 30		2
MNGT 110	Mining Administration and Law	3
MNGT 205W	Mining Systems Technology	3
MNGT 210	Mine Machine Dynamics	3
MNGT 211	Practicum in Mining Technology	3
MNGT 214	Mining Management I	3
PHYS 150	Technical Physics I	3
<i>Prescribed Courses: Require a grade of C or better</i>		
MNGT 100	Mining Technology Orientation	1
MNGT 204	Mine Plant Technology	3
MNGT 216	Mine Regulations and Laws	3

### Additional Courses

Select 8-9 credits from one of the following emphases: 8-9

Maintenance Emphasis:

MNGT 207 Electric Mine Machine Circuits

MNGT 208 Mine Power Distribution

MNGT 209 Mine Machinery Control Methods

Production Emphasis:

MNGT 202 Mining Ventilation

MNGT 213 Strata Control Methods

MNGT 215 Mining Management II

## General Education

Connecting career and curiosity, the General Education curriculum provides the opportunity for students to acquire transferable skills necessary to be successful in the future and to thrive while living in interconnected contexts. General Education aids students in developing intellectual curiosity, a strengthened ability to think, and a deeper sense of aesthetic appreciation. These are requirements for all associate degree students and are often partially incorporated into the requirements of a program. For additional information, see the General Education Requirements (<https://bulletins.psu.edu/undergraduate/general-education/associate-degree-general-education-program/>) section of the Bulletin and consult your academic adviser.

The keystone symbol appears next to the title of any course that is designated as a General Education course. Program requirements may also satisfy General Education requirements and vary for each program.

### Foundations (grade of C or better is required and Inter-Domain courses do not meet this requirement.)

- **Quantification (GQ):** 3 credits
- **Writing and Speaking (GWS):** 3 credits

### Knowledge Domains

- **Arts (GA):** 3 credits
- **Humanities (GH):** 3 credits
- **Social and Behavioral Sciences (GS):** 3 credits
- **Natural Sciences (GN):** 3 credits

**Note:** Up to six credits of Inter-Domain courses may be used for any Knowledge Domain requirement, but when a course may be used to satisfy more than one requirement, the credits from the course can be counted only once.

### Exploration

- **Any General Education course (including GHW and Inter-Domain):** 3 credits

## University Degree Requirements

### Cultures Requirement

3 credits of United States (US) or International (IL) cultures coursework are required and may satisfy other requirements

### Writing Across the Curriculum

3 credits required from the college of graduation and likely prescribed as part of major requirements.

### Total Minimum Credits

A minimum of 60 degree credits must be earned for an associates degree. The requirements for some programs may exceed 60 credits. Students should consult with their college or department adviser for information on specific credit requirements.

### Quality of Work

Candidates must complete the degree requirements for their major and earn at least a 2.00 grade-point average for all courses completed within their degree program.

**Limitations on Source and Time for Credit Acquisition**

Credit used toward degree programs may need to be earned from a particular source or within time constraints (see Senate Policy 83-80 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#83-80>)). For more information, check the Suggested Academic Plan for your intended program.