



# ACCREDITATION EVIDENCE

**Title:** Mine Maintenance Technology, A.A.S Degree Requirements

**Evidence Type:** Circumstantial

**Date:**

**WAN:** 22-0047

**Classification:** Syllabus

**PII:** No

**Redacted:** No



# Mining Maintenance Technology, A.A.S.

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The Mining Maintenance Technology program is designed to prepare the student for employment in the mining industry. The student will acquire the ability to troubleshoot, repair and maintain mining equipment as a result of training in mechanics, diesel technology, and hydraulics. The student will also receive training in related industrial technology courses. A graduate of this program with a one-year certificate or two-year degree can be a valuable asset to the mine maintenance field.

## Degree Requirements

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### Freshman Year - Fall Semester

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- [INDM 1510 - Industrial Mechanics I](#) Credits: 3
- [INDM 1520 - Industrial Mechanics II](#) Credits: 3
- [INDM 1530 - Industrial Mechanics III](#) Credits: 3
- [College Level Math](#) Credits: 3-4
- [CMAP 1200 - Computer Information Systems](#) Credits: 3
- [HMDV 1005 - 1st Year Success](#) Credits: 1

**Subtotal: 16-17**

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Freshman Year - Fall Semester Notes:

- College Level Math can be fulfilled by any math course 1000 level or higher. Or course can be replaced with Concepts of Physics ([PHYS 1050](#)).

### Freshman Year - Spring Semester

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- [INDM 1540 - Industrial Mechanics IV](#) Credits: 3
- [INDM 1550 - Industrial Mechanics V](#) Credits: 3
- [WELD 1755 - Shielded Metal Arc Welding](#) Credits: 3
- [MCH 2740 - Machine Tool Processes I](#) Credits: 4
- [ENGL 1010 - English Composition I](#) Credits: 3

**Subtotal: 16**

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Freshman Year - Spring Semester Notes:

- In addition to [ENGL 1010](#), students may be required to also take [ENGL 1011](#) (2 credits) due to placement, adding 2 additional credits to their graduation total.

**Sophomore Year - Fall Semester**

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- [DESL 1595 - Diesel Fundamentals](#) Credits: 3
- [WELD 1760 - Advanced Shield Metal Arc Welding](#) Credits: 3
- [WELD 1840 - Groove Welding Plate](#) Credits: 3
- [TECH 1600 - Industrial Safety](#) Credits: 3
- [ENGL 2005 - Writing in Technology and the Sciences](#) Credits: 3

**Subtotal: 15**

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Sophomore Year - Fall Semester Notes:

- Students with formal industrial safety training (MSHA, OSHA, etc.) may be granted equivalency for [TECH 1600](#) by their advisor.
- [ENGL 2005](#) may be replaced by [ENGL 1020](#).

**Sophomore Year - Spring Semester**

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- [INDM 1570 - Industrial Hydraulics I \(Fluid Power\)](#) Credits: 3
- [INDM 1580 - Industrial Hydraulics II \(Fluid Power\)](#) Credits: 3
- [INDM 1585 - Industrial Hydraulics III](#) Credits: 3
- [MINE 1500 - Introduction to Mining](#) Credits: 3
- [TECH 1680 - Reading Technical Schematics](#) Credits: 3
- [US & Wyoming Constitution](#) Credits: 3

**Subtotal: 18**

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Sophomore Year - Spring Semester Notes:

