



MITCHELL TECH

Welding Engineering Technology

- Highly sophisticated lab equipment including welding robotics, virtual weld score technology, and non-destructive testing techniques
- South Dakota's only NDT Level III degree-based training program with AWS-CWI/CWE-Qualifier instructor
- One-year diploma or two-year AAS degree option; add a third year and earn two AAS degrees
- High-profile industry partners offering unique internship experiences



JOB PLACEMENT RATE: 100%*

TUITION/FEES/LAPTOP:

AAS DEGREE: \$19,462

DIPLOMA: \$9,921

CERTIFICATE: \$7,571

Books and tool costs not included.

*Placement data is gathered through graduate surveys, faculty-collected data, and phone surveys started after six months of graduation. In 2025, 20 of the 20 graduates are represented in the data. Employment rate is figured by: (graduates employed)/(responding graduates who are seeking employment).

GET READY



**605.995.3025
mitchelltech.edu**

Award: Welding Certificate

First Semester (Fall)		Semester Credits
WLD	101	Welding Safety & Discontinuities2
WMT	132	Metallurgy.....2
WMT	149	Basic Welding Lab.....2
WMT	150	Welding Lab I.....4
OSHA	100	OSHA 10 General.....1
SSS	100	Student Success.....1
		12

Second Semester (Spring)		Semester Credits
WMT	117	Crane & Rigging.....2
WMT	120	Manufacturing Symbols Measurements ..1
WMT	121	Blueprint Reading.....1
WMT	142	Welding Economics.....2
WMT	151	Welding Lab II.....4
		10

Total Credits Required (Certificate): 22

Award: One-Year Diploma or AAS Degree

First Semester (Fall)		Semester Credits
WLD	101	Welding Safety & Discontinuities2
WMT	132	Metallurgy.....2
WMT	149	Basic Welding Lab.....2
WMT	150	Welding Lab I.....4
OSHA	100	OSHA 10 General.....1
SSS	100	Student Success.....1
		*Communications Elective3
		15

Second Semester (Spring)		Semester Credits
WMT	117	Crane & Rigging.....2
WMT	120	Manufacturing Symbols Measurements ..1
WMT	121	Blueprint Reading.....1
WMT	142	Welding Economics.....2
WMT	151	Welding Lab II.....4
		*Math Elective3
		*General Education Elective3
		16

Total Credits Required to Graduate (Diploma): 31

Award: Welding Technology AAS Degree ONLY

Third Semester (Summer)		Semester Credits
WMT	290	Internship6

Fourth Semester (Fall)		Semester Credits
WMT	201	Quality & Productivity Improvement.....2
WMT	230	Welding Robotic Lab.....3
WMT	242	Welding Code.....2
WMT	262	Advanced Welding Processes.....4
		*General Education Elective3
		14

BUS 170: Entrepreneurship & Small Business Management required for third year.

Fifth Semester (Spring)		Semester Credits
WMT	232	Nondestructive Testing (NDT)4
WMT	252	Mechanical Workmanship Lab.....3
WMT	271	Adv. Robot Welding Qualification.....2
WMT	272	Adv. Welding Qualification.....2
CPR	100	First Aid, CPR & AED.....0.5
		*General Education Elective3
		14.5

Total Credits Required to Graduate (AAS): 65.5

*Dual credit opportunity