MTI

The best jobs start here!

Welding & Manufacturing Technology

- South Dakota's newest comprehensive welding and manufacturing program
- American Welding Society CWE/CWI certified instructor
- One-year diploma or two-year AAS degree options
- Highly sophisticated lab equipment including welding robotics, virtual weld score technology, CNC machining, laser cutting technology and more
- High-profile industry partners offering unique internship experiences
- Great job opportunities

TUITION/FEES: $13,862*

(*For two-year AAS degree)

Book and tool costs extra.

Your Top 10% College*

Mitchell Technical Institute
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*Ranked in the top 10% of America's two-year colleges by the Aspen Institute.

Award: One-Year Diploma or AAS Degree

First Semester (Fall)			Semester Credits
WMT	110	Safety I	1
WMT	120	Mfg. Symbols & Measurements	1
WMT	130	GMAW Metallurgy Process	1
WMT	140	Welding Theory I	1
WMT	150	Steel Welding Lab	6
OSHA	100	OSHA 10 Training	1
CIS	105	Complete Computer Concepts	3
MATH	104	Technical Math	3
SSS	100	Student Success	1
			18

Second Semester (Spring)			Semester Credits
WMT	111	Safety II	1
WMT	121	Blueprint Reading	1
WMT	131	Characteristics of Aluminum	1
WMT	142	Welding Economics	3
WMT	151	Aluminum Welding Lab	6
		English Elective	3
			15

Third Semester (Fall)			Semester Credits
WMT	201	Quality & Productivity Improvement	2
WMT	210	Mfg. Equipment Installation	2
WMT	220	Mfg. Programming	1
WMT	230	Welding Robotic Lab	3
WMT	231	Manual Machining Lab	3
		Behavioral Science Elective	3
		Social Science Elective	3
			17

Fourth Semester (Spring)			Semester Credits
WMT	250	Laser & Plasma Lab	2
WMT	251	CNC Machining Station Lab	2
WMT	252	Forming Iron Worker Lab	1
WMT	280	Apprenticeship/Career Preparation	1
WMT	281	Internship	6
			12

Total Credits Required to Graduate (One-Year Diploma): 33
Total Credits Required to Graduate (Two-Year AAS): 62

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1800 E. Spruce St., Mitchell, SD 57301
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