



Be The Best!

Machining & Manufacturing

- South Dakota's newest comprehensive welding and manufacturing program
- South Dakota's only ASNT Level III degree-based training program with AWS CWI/CRI instructors
- One-year diploma or two-year AAS degree option; add a third year and earn two AAS degrees
- 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

JOB PLACEMENT RATE: 100%[†]

TUITION/FEES/LAPTOP: \$17,092*

(*For two-year AAS degree)

Book and tool costs extra.

[†]Placement data is gathered through graduate surveys, faculty-collected data, and phone surveys started after six months of graduation. In 2018, 6 of the 6 graduates responded to the survey. Employment rate is figured by: (graduates employed)/(responding graduates who are seeking employment).

Mitchell Technical Institute
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Aspen Prize Top 10 Community College

Award: One-Year Diploma or AAS Degree

First Semester (Fall)		Semester Credits
WLD	101	Welding Safety & Discontinuities 2
WMT	132	Metallurgy..... 2
WMT	149	Basic Welding Lab..... 2
WMT	150	Welding Lab I..... 4
OSHA	100	OSHA 10 Training 1
MATH	104	Technical Math 3
SSS	100	Student Success 1
		15

Second Semester (Spring)		Semester Credits
WMT	117	Crane & Forklift Operation 2
WMT	120	Symbols & Measuring..... 1
WMT	121	Blueprint Reading 1
WMT	142	Welding Economics..... 2
WMT	151	Welding Lab II 4
CIS	101	Computer Concepts 3
		Communications Elective 3
		16

Total Credits Required to Graduate (One-Year Diploma): 31

Manufacturing/Machining AAS Degree ONLY

Third Semester (Summer)		Semester Credits
WMT	290	Internship 6

Fourth Semester (Fall)		Semester Credits
WMT	201	Quality & Productivity Improvement..... 2
WMT	230	Welding Robotic Lab..... 3
WMT	231	Manual Machining Lab..... 3
WMT	240	Manufacturing Programming 3
		Social Science Elective 3
BUS	212	Principles of Management (elective)..... 3
		14

Fifth Semester (Spring)		Semester Credits
WMT	250	Laser Cutting Technology 3
WMT	251	CNC Machining Station Lab 3
WMT	260	Adv. Machining 4
CPR	100	First Aid, CPR & AED.....0.5
		Behavioral Science Elective..... 3
		13.5

Total Credits Required to Graduate (AAS): 64.5



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1800 E. Spruce St., Mitchell, SD 57301
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