



Be The Best!

Progressive Welding

- South Dakota's newest comprehensive welding and manufacturing program
- American Welding Society CWE/CWI certified instructor
- 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, non-destructive testing techniques and more
- High-profile industry partners offering unique internship experiences

JOB PLACEMENT RATE: 100%[†]

TUITION/FEES/LAPTOP: \$17,125*

(*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 2017, 27 of the 27 graduates responded to the survey. Employment/Continuing Education rate is figured by: (graduates employed or continuing education)/(responding graduates who are seeking employment and are not in military service).



Mitchell Technical Institute
800-684-1969 • mitchelltech.edu

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	120	Symbols & Measuring 1
WMT	121	Blueprint Reading 1
WMT	142	Welding Economics 2
WMT	151	Welding Lab II 6
CIS	101	Computer Concepts 3
		Communications Elective 3
		16

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

Progressive Welding Technology 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	242	Welding Code 2
WMT	262	Adv. Welding Processes 4
		Social Science Elective 3
BUS	212	Principles of Management (elective)..... 3
		14

Fifth Semester (Spring)		Semester Credits
WMT	232	Weld Testing Methods (NDT/DT)..... 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
		Behavioral Science Elective..... 3
		14.5

Total Credits Required to Graduate (AAS): 65.5



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Be The Best!

Machining & Manufacturing

- South Dakota's newest comprehensive welding and manufacturing program
- American Welding Society CWE/CWI certified instructor
- 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: \$16,641*

(*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 2017, 27 of the 27 graduates responded to the survey. Employment/Continuing Education rate is figured by: (graduates employed or continuing education)/(responding graduates who are seeking employment and are not in military service).



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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	120	Symbols & Measuring 1
WMT	121	Blueprint Reading 1
WMT	142	Welding Economics 2
WMT	151	Welding Lab II 6
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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