



MITCHELLTECH

Automation Engineering Technology

- Unique high demand program combines curriculum from Automation Controls and Data Acquisition (SCADA) and Machining and Manufacturing programs
- Learn to design, develop, and manage systems within the manufacturing industry
- State-of-the-art labs incorporating high level technology
- High starting salaries



TUITION/FEES/LAPTOP: \$17,454

Book and tool costs extra.

BE THE BEST.

**605-995-3025
mitchelltech.edu**

Award: AAS Degree

First 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 & Installation 3
SSS	100	Student Success. 1
		12

Second Semester (Spring)		Semester Credits
WMT	250	Laser Cutting Technology 3
WMT	251	CNC Machining Station Lab. 3
WMT	260	Advanced Machining. 4
CPR	100	First Aid, CPR AED 0.5
		10.5

Third Semester (Fall)		Semester Credits
EC	105	Data Cabling. 3
IST	230	Data Visualization. 4
SD	225	Intro to SCADA Software 4
SD	229	Networking Concepts 3
SD	259	Advanced Programmable Logic Controllers. 4
		18

Fourth Semester (Spring)		Semester Credits
SD	205	Process Controls 3
SD	239	Advanced Industrial Networking 3
SD	270	SCADA Testing & Control Lab 7
		13

In addition to the technical courses required in the program, students must also complete general education courses:

Computer Elective	3
Math Elective.	3
Communications Elective	3
Behavioral Science Elective	3
Social Science Elective	3
OSHA Training	1

Total Credits Required to Graduate: 69.5



1800 E. Spruce St., Mitchell, SD 57301
800-684-1969 • mitchelltech.edu