Welding Technology Certificate

Degree Type
Certificate

Contact Information

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Delivery Methods

Face-to-Face: Wahpeton
Face-to-Face: Fargo
Combination

The Welding Technology curriculum is designed to provide students experience in welding as it pertains to assembly, manufacturing, energy and construction.

This program provides education and training in welding and cutting processes, robotics, print reading, metallurgy, and other aspects of general education.

Career opportunities offer a wide range of entry level employment possibilities in the manufacturing, steel construction, mining, energy and other areas of the welding industry.

The NDSCS Welding program is an American Welding Society SENSE certified facility. AWS Level I certification is available in the certificate program.

The NDSCS Welding program is an educational partner with Weld-Ed, the National Center for Welding Education and Training.

NOTE: This program requires an HP EliteBook Laptop or equivalent. Please refer to the NDSCS website for specifications. For further information, contact Clint Gilbertson, NDSCS Wahpeton Welding program coordinator at 701-671-2832 or Mitchell Van Vleet, NDSCS-Fargo program lead at 701-231-6902.

Admission Requirements*

The applicants must be high school graduates or equivalent. Students considered for acceptance must complete all admission requirements.

Please Note: Students are placed into English, math and reading courses based on ACT, ACCUPLACER or other nationally recognized tests. Please see www.NDSCS.edu/current-students/student-success/test-center for the NDSCS Course Placement Policy and testing information. Students may be on an extended plan of study pending their course placement.

*Program Admission Requirements are subject to revision. Please check the department or program website under Program Admission Requirements for current information.

Award

Upon successful completion of the required courses, students will be awarded a certificate in Welding Technology.

Required Courses

Course Code	Title	Credits
MFGT 101	Robotics I	2
	MFGT 110 or MFGT 135	2
MFGT 123	Fabrication Methods I	2
MFGT 137	Print Reading I	2
WELD 151	Welding Theory I	3
WELD 152	Welding Theory II	3
WELD 153	Welding Lab I	5
WELD 154	Welding Lab II	5

Related/General Education Courses Certificate

Course Code	Title	Credits
MATH 130	Technical Math	2
FYE 101	Science of Success	1
	Social and Behavioral Sciences, Humanities, History and/or Computer Electives (4 credits)	4
	Total Required Credits	**31**