



CERTIFICATE PROGRAM

Welding Technology

The State of North Dakota is in dire need of professional welders. The NHSC welding program provides students with the basic welding skills needed for entry-level welding jobs and apprenticeship programs.

Program Learning Outcomes (PLOs):

- Exhibit and synthesize all welding positions (flat, horizontal, vertical, overhead) with the six basic welding processes.
- Read and interpret basic blueprints, welding symbols, and welding codes and specifications.
- Indicate the ability to compute basic math skills to include fractions, decimals and measurements.
- Illustrate proper welding safety procedures and communicate written safety policies

TOGETHER WE THRIVE

Start Your Career Today!



701-627-4738 | NHSC.EDU

301 College Drive, New Town, ND 58763

GENERAL EDUCATION REQUIREMENT

COURSE/TITLE		CREDITS
FOUNDATIONS & FITNESS (4)		
GPE 104	OSHA 10 Safety	1
SOC 100	e-Portfolio/Job-seeking skills	1
WELLNESS (1)		
PSY 111	First Aid/CPR	1
HUMANITIES & NATIVE AMERICAN STUDIES (1)		
NAS 099	Intro to History of the TAT	1

CORE COURSE REQUIREMENT

COURSE/TITLE		CREDITS
WELD 151	Welding Theory I	4
WELD 152	Welding Theory II	4
WELD 153	Welding Lab I	6
WELD 154	Welding Lab II	6
WELD 155	Blueprint Reading for Welding	3
WELD 165	Blueprint Symbols for Welding	3
WELD 187	Non Destructive Testing	3

ELECTIVES

COURSE/TITLE	CREDITS	
WELD 150	Introduction to Welding	3

<i>Total General Education Requirements Required</i>	4
<i>Total Core Course Required Credits</i>	29
<i>Electives</i>	3
Cumulative Hours:	33

