

## Industrial Welding Short-Term Technical Certificate

This welding program will provide the students with the technical skills and knowledge to work in the industrial welding field. Such positions as Welder/Fabricator, Production Welder, Millwright, Welding Technician and Welder/Pipefitter all utilize multiple welding and fabricating skills. Students are trained in many welding processes which include Shield Metal Arc Welding, Gas Metal Arc Welding, Gas Tungsten Arc Welding, Flux Core Arc Welding, Oxy Fuel Gas Welding/Cutting and Plasma Arc Cutting. Various kinds of metals and thicknesses will be used including mild steel, aluminum and stainless steel. Graduates are eligible to take the American Welding Society certification tests.



## Career Outlook

Welding is one of the few career choices that are in high demand now and at all times. Since welders are needed in almost every industry, it gives you the flexibility to switch industries without changing careers. With the increase of manufacturing, the building and repairing of major infrastructure, nuclear power plants, windmills, or drilling of oil, welding has endless opportunities that keep fueling the demand for this skilled technology.



## STEM and Industrial Technology Division



Franklin Roberts  
Dean

### Questions:

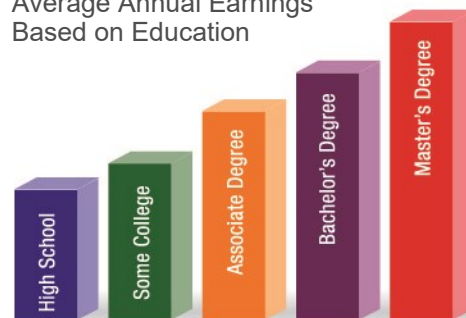
NSCC Admissions Office  
(419) 267-1320  
admissions@NorthwestState.edu

[www.NorthwestState.edu](http://www.NorthwestState.edu)

2019-2020

### Education Pays

Average Annual Earnings  
Based on Education



Based on data from the Bureau of Labor Statistics

NSCC is accredited by:  
The Higher Learning Commission  
(312) 263-0456  
[www.ncahigherlearningcommission.org](http://www.ncahigherlearningcommission.org)

# PROGRAM SEQUENCE

<b>First Semester</b>		<b>Credits</b>
+WLD100	Blue Print Reading & Weld. Symbols	2
+WLD110	Introduction of Applied Welding Tech	3
+WLD120	Gas Metal Arc Welding	3
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<b>Second Semester</b>		<b>Credits</b>
+WLD130	Flat & Horizontal Shield Metal Arc Welding	3
+WLD140	Gas Tungsten Arc Welding	3
+WLD150	Advanced Gas Metal Arc Welding	3
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**Total Program Credit Hours** **17**

+ Refers to technical coursework. Students must attain a minimum grade of "C" in these technical courses to progress in the program and to graduate.

*Gainful employment information for NSCC's certificate programs can be found online at:*

*<https://northweststate.edu/gedt/welding/>*

*Gainful employment information includes: estimated cost of the program, average student loan debt and types of jobs available.*