Industrial Welding

Short-Term Technical Certificate

For Program Questions:
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For Admissions Questions:
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(419) 267-1320
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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/Pipe Fitter 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 in 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.

Education Pays

Average Annual Earnings
Based on Education

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

2013-2014

Based on data from the Bureau of Labor Statistics
## Program Sequence

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
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<tbody>
<tr>
<td>+ WLD 100 Blue Print Reading and Weld Symbols</td>
<td>2</td>
</tr>
<tr>
<td>+ WLD 110 Introduction of Applied Welding Techniques</td>
<td>3</td>
</tr>
<tr>
<td>+ WLD 120 Gas Metal Arc Welding</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>+ WLD 130 Flat &amp; Horizontal Shield Metal Arc Welding</td>
<td>3</td>
</tr>
<tr>
<td>+ WLD 140 Gas Tungsten Arc Welding</td>
<td>3</td>
</tr>
<tr>
<td>+ WLD 150 Advance Gas Metal Arc Welding</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>9</td>
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</tbody>
</table>

**Total Program Credit Hours** 17

For information about our graduation rates, the median debt of students who have completed the program, and other important information, visit [www.northweststate.edu](http://www.northweststate.edu)

+ Refers to technical course work. Students must attain a minimum grade of “C” in these technical courses in order to progress in the program and to graduate.

Course curriculum is subject to change. Please consult with an Academic Advisor for up-to-date information.