Discover why our Welding Technology program at SCC is so popular. We provide students with comprehensive training in current welding practices and procedures. Potential careers are in the oil and gas industry, automotive, manufacturing, military and others.

Program overview
This program is located on the Lincoln Campus and includes classroom instruction and extensive hands-on training. Some of the welding and cutting processes utilized include shielded metal arc, gas metal arc, gas tungsten arc, flux cored arc, plasma arc, and oxy-fuel. Blueprint reading, layout, inspection and quality control skills also are widely utilized.

The program meets AWS, API, ASME standards and is an AWS-accredited test facility. The curriculum focuses on current welding practices and procedures, metallurgy, destructive and nondestructive testing, inspection, and principles of fabrication and design.

Graduate Earnings
Recent graduates report an average starting wage of $17 per hour.

For more information contact:
Mark Hawkins, Program Co-chair-Lincoln
402-437-2694, 800-642-4075 ext. 2694
mhawkins@southeast.edu

Dan Zabel, Program Co-chair-Lincoln
402-437-2692, 800-642-4075 ext. 2692
dzabel@southeast.edu

or the College Admissions Office
Lincoln 402-437-2600, 800-642-4075 ext. 2600

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A0751 - WELD (05/16)
Estimated Expenses
To determine overall costs, students should plan a budget that includes room, meals, clothing, laundry, medical care, recreation and entertainment, transportation, insurance, etc.

Nebraska Resident tuition rate is $61.50 per credit hour. Out-of-state tuition rate is $75.50 per credit hour.

Student fee is $1.50 per credit hour. Graduation fee is $25.

Housing is available at Beatrice and Milford campuses only. Quarterly tuition, books and fees are dependent upon classes taken.

<table>
<thead>
<tr>
<th>QUARTER</th>
<th>EXPENSES</th>
<th>Tuition And Fees</th>
<th>Books</th>
<th>Tools/Supplies</th>
<th>Total</th>
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<td>210</td>
<td>80</td>
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</table>

Total Estimate For Program $10,020

Tool/Supply List:
- Safety glasses
- Burn jacket
- Welding gloves
- High top leather boots
- Arc Welding Helmet
- Ear plugs
- Oxygen acetylene welding goggles/helmet
- 4 1/2” Grinder
- 4 1/2” Grinder disks
- 4 1/2” Sanding disks
- Combination pliers
- Oxygen acetylene tip cleaner set
- 6” Steel ruler
- Carbide tipped scribe
- Chipping hammer
- Wire brush
- Calculator
- Combination square
- Cold chisel
- 8” or 10” flat file
- Metal paint marker
- Fillet welding gauges
- Side cutter pliers
- Small flashlight
- Hacksaw blade
- Soapstone and holder
- Welding vice grips (2 pairs)
- Ball peen hammer
- 10” – 25” tape measure
- Bevel Protractor
- V-WAC gage
- GTAW Kit
- Drafting Set
- 4 1/2” Grinding disks
- 2 - Vice grip “C” clamps
- Stainless steel wire brush
- Poster board
- Telescoping mirror
- Welding cap
- File set
- 12” Adjustable wrench
- Drill bit set
- Punch set
- 3/8” Drive socket set
- 3/32” 2% Thoriated tungsten
- 3/32” Pure tungsten

Welding Courses:
- Course # | Course title | Credit hrs
- WELD1100 | Welding Orientation | 1.0
- WELD1110 | SMAW Theory | 2.0
- WELD1112 | SMAW Lab I | 4.0
- WELD1113 | SMAW Lab II | 4.0
- WELD1115 | Equipment & Tools | 1.5
- WELD1117 | Oxyacetylene Theory | 2.0
- WELD1119 | OA Welding & Cutting | 3.0
- WELD1122 | GMAW Theory | 3.0
- WELD1124 | GMAW Lab I | 3.0
- WELD1126 | GMAW Lab II | 3.0
- WELD1128 | Blueprint Reading & Weld Symbols | 5.0
- WELD1129 | Computer Aided Drafting | 2.5
- WELD1130 | Metallurgy I | 4.0
- WELD1135 | Advanced OA & Plasma Cutting | 2.0
- WELD1139 | Welding Measurement & Layout | 4.0
- WELD1140 | Metallurgy II | 3.0
- WELD1143 | Pipe Welding & Cutting | 4.0
- WELD1144 | GTA Welding Theory | 2.0
- WELD1148 | GTA Welding (Mild Steel) | 4.0
- WELD1149 | GTA Welding (SS & AL) | 3.0
- WELD2250* | FCAW | 5.0
- WELD2251 | FCAW I | 2.0
- WELD2252 | FCAW II | 2.0
- WELD2254 | Welding Codes & Standards | 2.5
- WELD2256 | Welder Pre-Qualification | 6.0
- WELD2258 | Welder Qualification/Certification | 4.0
- WELD2262 | Welding Fabrication & Repair | 4.0
- WELD2264 | Quality Control & NDT Methods | 6.0
- **A maximum of 3.0 credit hours of Special Welding Applications can be used toward any award.
- *FCAW WELD2250 is no longer being offered.

General Education Requirements:
Contact your program advisor to select general education courses from each category which will meet your program's graduation requirements. See the General Education pages online for a complete list.
(One class from each area below).
- Oral Communications 4.5
- Written Communications 4.5
- Mathematics 4.5
(Plus two classes from the four areas below; no two classes from the same area).

Science, Social Science, Humanities, Computer Technology 9.0
22.5 hours

Certificate:
Requires 31.5 credit hours of welding courses plus one General Education course for a total of 36.0 hours. See program advisor.

Diploma:
Requires 68.0 credit hours of welding courses, and two General Education courses, one of which must be MATH1040 or higher, for a total of 77.0 hours. See program advisor.

A.A.S. Degree:
Requires 107 credit hours of welding courses and five General Education courses (22.5), for a total of 129.5 hours. See program advisor.