Personality + Career

SCC Welding students enjoy working with their hands, using tools and machinery, like to see results, and are determined to complete tasks with multiple steps. They also are good communicators, detail oriented and patient. The ability to see, understand, and remember spatial relationships among objects is helpful.

Program	Credential	What do students learn in the program?	What do students earn?	Career Opportunities	Are graduates prepared for/ to complete exams for specific credentials/ licensing/ certifications at the end of the program?	Required Tools, Supplies, and Uniforms
Welding	Certificate	Students learn basic welding skills needed for entry level jobs. Students work with an advisor to select the courses needed to meet their welding skill goals.	No salary data available for the certificate.	Production Welder Welding Technician	American Welding Society (AWS) Certification options are available.	Tools are required. See information outlined below. No uniform is required for this program.
Welding	Diploma	Students advance their basic welding skills and learn out of position shielded metal arc welding (SMAW), gas metal arc welding (GMAW), and basic TIG welding. Students also learn about metallurgy, how to read and draw blueprints, and weld with stainless steel and aluminum metals.	No salary data available for the diploma.	Production Welder Welder Technician Welding Machine Operator	American Welding Society (AWS) Certification options are available.	Tools are required. See information outlined below. No uniform is required for this program.
Welding	Associate of Applied Science	In addition to the skills noted above, students learn flux cored arc welding (FCAW), advanced measurement and layout, welding codes and standards, pipe welding and cutting, and non-destructive testing technology including testing methods, welding inspection and quality assurance. Students prepare for and complete qualification and certification tests.	Average starting salary for graduates is $29.55 per hour; $61,464 annually Wages can vary greatly among welding related positions. Advanced awards open doors to a wider variety of positions, including those accompanied by higher wages.	Fabricator Pipe Welder Production Welder Welding Technician Welding Machine Operator Structural Welder	Students will test and earn the American Welding Society All Position Welding Certification upon graduation.	Tools are required. See information outlined below. No uniform is required for this program.

» Your Next Steps to Choose SCC

- Schedule a Campus Visit - *southeast.edu/visit*
- Explore career options with an Admissions Counselor - *southeast.edu/admissionsadvising*
- Apply - *southeast.edu/applynow*

» Paying for SCC

- Free Application for Federal Student Aid (FAFSA) - *studentaid.gov/h/apply-for-aid/fafsa*
- Scholarships - *southeast.edu/scholarships*
- Payment Plan - *mycollegepaymentplan.com/southeast*
- Veteran Education Benefits - *southeast.edu/veterans-services*
- GAP Assistance Program - *southeast.edu/gap*
- Children of State Teammate Tuition Reimbursement Program - *southeast.edu/children-of-state-teammate-tuition-reimbursement-program*

Scan this code to find out more about Welding

Contact Admissions to get started!
402-437-2600, 800-642-4075 ext. 2600
admissions@southeast.edu

Southeast COMMUNITY COLLEGE

2024-2025 / » southeast.edu

Welding Technology

Welding is a very diverse field that is involved in almost every industry. Students in the SCC Welding Technology program learn how to perform many different conventional welding processes used in industry and how to apply them to a variety of metals, thicknesses, positions, and joint configurations. Students will learn how to weld steel, stainless steel, and aluminum. Students will learn how to weld on sheet metal, plate, tubing, and pipe in all welding positions. SCC has one of the largest educational welding labs in the country and is an American Welding Society-accredited test facility. This allows every graduate the opportunity to become an AWS-certified welder.

Program Contact Information

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The SCC Experience

- SCC's Welding Technology program is very hands-on. Students spend 80% of their time in the lab working on projects and practicing their skills. Twenty percent of their time is spent in class learning the theory that supports the welding industry and trade.
- The SCC Welding program offers students flexibility in achieving their goals. The program offers both a day and evening option, and students can attend part time. The flexibility of the program allows students to have a schedule that meets their needs. The flexible schedule allows many to work while taking classes -- some in the welding industry, applying their skills as they learn. Multiple credentials are also available, giving students the flexibility to earn the skills they need and want to succeed.
- SCC's Welding classes meet the standards of the American Welding Society, the American Petroleum Institute, and the American Society of Mechanical Engineers, meaning that you will be prepared to make an immediate impact in a number of industries. Associate of Applied Science students graduate with the American Welding Society's All Position Welding Certification; SCC is an accredited test site, meaning that the certification stays with you no matter where you work.
- The Welding program is connected to industry. In addition to having 14 faculty members with industry connections and experience, the program regularly hosts industry training on site, giving students immediate access to welders from a variety of employers. The Welding program also works closely with SCC's Career Services to connect students with employers and job postings.

TOOLS

Many tools are provided and students are only asked to purchase minimum tools in their first term, giving them time to explore and learn. Students then add to tools in future semesters. Tools are an investment in a student's career and SCC works with a variety of tool vendors to give students options. Many vendors offer students a significant discount. Students can also purchase tools from other vendors not associated with the College. Program faculty and advisors will provide students with specific information related to tools prior to the start of their first semester.

During the first week of each semester, tool vendors come to campus and provide students with options to buy single tools or tool sets based on program needs. Faculty will be available to help students make selections based on course and program needs.

Welding Technology - Required Basic Tool List

- Safety glasses
- Burn jacket
- Welding gloves
- GTAW 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
- Soapstone and holder
- Welding vice grips (2 pairs)
- Ball peen hammer
- 10' – 25' tape measure
- Bevel Protractor
- V-WAC gage
- GTAW Kit

OPTIONAL TOOLS: (SEE INSTRUCTOR)

- 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
- 3/32 E3

Related Welding Programs at SCC:

- *Design & Drafting Technology, Architectural Design*
- *Design & Drafting Technology, Computer Aided Design Drafting*
- *Electrical & Electromechanical Technology, Electromechanical Maintenance Technician*
- *Electrical & Electromechanical Technology, Robotics & Automation*
- *Nondestructive Testing Technology*
- *Precision Machining and Automation Technology, Advanced CNC & Automation*
- *Precision Machining and Automation Technology, Tool Maker and Die*
- *Technical Skills Instructor*

Program	Credential	Location	Credit Hours	Tuition/Fees*	Books/Fees/ Supplies	Tools	Total Cost*	Starting Term(s)	Number of Semesters Required to Complete at Full Time Status?	Is a summer term required for FT students?	Is there an online option for students?	Can the program be completed entirely online?	Is there a Part Time Option?	Number of Semesters Required to Complete at PT Time Status	Is a summer term required for PT students?	Typical Class Schedule
Welding	Certificate	Lincoln	12.5	R- $1,538 NR- $1,800	$825	$550	R- $2,913 NR- $3,175	Fall and Spring	1	No	No	No	Yes	Dependent on student's pace.	No	Monday – Friday: Days 8 am - 2:30 pm Evenings 3-10 pm
Welding	Diploma	Lincoln	34	R- $4,182 NR- $4,896	$1,185	$550	R- $5,917 NR- $6,631	Fall and Spring	2	No	No	No	Yes	Dependent on student's pace.	No	Monday – Friday: Days 8 am - 2:30 pm Evenings 3-10 pm
Welding	Associate of Applied Science	Lincoln	66	R- $8,118 NR- $9,504	$1,955	$600	R- $10,673 NR- $12,059	Fall and Spring	4	No	No	No	Yes	Dependent on student's pace.	No	Monday – Friday: Days 8 am - 2:30 pm Evenings 3-10 pm

*R=Resident, NR=Non-resident. Costs listed are estimates and are subject to change based on the market price of books, supplies, tools, uniforms, etc. Estimated costs also include tuition and fees. Additionally, days/times of week for class, lab, clinical/practicum are subject to change based on curriculum, facilities, instructor, and site availability. Actual program schedules will be provided prior to each enrolled term.