The demand for skilled welders is very high. Gain the knowledge and hands-on skills to become a welder in SCC’s comprehensive Welding Technology program. We prepare you to accurately and efficiently weld and cut on steel, stainless steel and aluminum by teaching all of the most-commonly-used welding processes used in industry today. Graduates will become proficient and productive in many metalworking and welding processes and be able to pursue a variety of job opportunities in the welding industry.

SCC is the Right Choice

You’ll train in our state-of-the-art lab where you’ll gain proficiency in SMAW, OA, GMAW, FCAW, and GTAW.

• SCC graduates are highly sought-after for a variety of jobs, including pipe welder, production welder, structural welder, inspector, and fabricator

• You’ll learn to read and write technical prints and fabricate parts that prepare you for jobs in industry and manufacturing

• You gain standing as an American Welding Society (AWS) Certified Welder once you obtain your A.A.S. degree from SCC

• Day and evening classes are available to meet your needs

More about the program

• Technical courses like Metallurgy will introduce you to the science and study of metals and the skill required to weld them. Codes and Standards courses will give you a general knowledge of codebooks and serve as a great introduction if you want to pursue a Certified Welding Inspector credential.

• The curriculum focuses on current welding practices and procedures, metallurgy, destructive and nondestructive testing, inspection, and principles of fabrication and design.

"My experience at SCC is the watermark of my being an American Welding Society CWI, an American Society for Nondestructive Testing ACCP VT Level II, and an RT interpret Level II (qualified). The environment in the welding program is a successful amalgamation of the right tools, an intense curricula, and a group of highly experienced professional instructors, without whom I would not be where I am now. Thanks SCC for getting it right."

-Heath Cole, Self-Employed Certified Welding Inspector, 2013 Graduate

The program meets AWS, API and ASME standards and is an AWS-accredited test facility.
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
- 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

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

Welding students Cole Andersen, Curtis Hartshorn, Lebari Abiikor, Zach Bohlmeyer, Josh Waters, and Alex Salzman designed and created this bronze “wheat” sculpture.

It is now displayed outside the Great Plains Culinary Institute on the Lincoln Campus.