

Today's Training for Tomorrow's Career!



SPARK UP YOUR FUTURE CAREER

Welding today has evolved into an increasingly technical field, and continues to be one of the most in-demand skill sets sought by virtually every manufacturing, construction and processing industry in the region.

Using heat to cut, fuse and form; welding is still considered the most common way of permanently joining metals used to construct and repair parts on everything from heavy machinery to the sleekest Seattle high-rise. Today's welder must have a strong foundation built not only on traditional welding techniques and fabrication theory, but also an understanding of computerized systems and robotic machinery in order to keep up with changing technology. At South Seattle College, you'll graduate with the skills to pursue a career in any number of specialized fields, from a small artisan shop setting to the largest of construction projects.

PROGRAM PATHWAYS

Welding Fabrication Technology Certificate - 1 year (4 quarters)
Welding Fabrication AAS/AAS-T Degree - 2 years

South's welding program has instructors from the industry, with backgrounds that cover all welding techniques. They help you gain the knowledge you'll need depending on which welding field interests you! Upon graduation, they'll also do everything they can to help you obtain a full-time job.

~ Robert Walker, 2017 Graduate

WHAT YOU'LL LEARN

As a Welding Fabrication Technology student at South, you will:

- Learn to weld various metals using a wide range of welding processes, including gas metal arc, shielded metal arc, flux-cored arc and gas tungsten arc.
- Develop a knowledge of materials, inspection, and welding theory.
- Understand fabrication techniques, including job cost calculations, layout, sketching, bill of material, and fitting applied to welding projects.
- Use specific skills and related knowledge in the set-up and usage of power equipment.
- Demonstrate and practice welding industry safety guidelines.
- Analyze and interpret prints, drawings, and symbols for welding and fabrication of parts and structures.
- Troubleshoot and solve basic welding, fabricating, and equipment problems.

START HERE, GO ANYWHERE!

As the Seattle skyline continues to flourish, and as a regional hub for maritime manufacturing and construction, the demand for highly-skilled welding technicians has never been more urgent. Driving demand is an aging workforce: the average age of a welder in the US is 57, and as these workers near retirement, many new welding technicians will be needed to fill these open positions.

Graduates of South's Welding Fabrication Technology program can be found working in industries such as:

- Aerospace
- Construction
- Manufacturing
- Maritime welding companies
- Metal art sculpturing
- Railroads
- Repair shops
- Shipyards
- Trucking companies
- Welding firms
- Transportation equipment companies

This program also prepares students to pass welder certification tests through the Washington Association of Building Officials (WABO).

FOR MORE INFORMATION

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www.southseattle.edu



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