

Welding Technology

Planning Guide 2019-2020

Program Overview

The Welding Technology program prepares students to work as entry-level welders, fitters, or metal fabricators in a variety of industries including boat building, construction, industrial maintenance, and manufacturing. Students study a variety of layout, fabrication, and metal joining techniques using steel, stainless steel, and aluminum. Processes include oxyfuel cutting, shielded metal arc welding, gas metal arc welding, flux cored arc welding, and gas tungsten arc welding. Instructional facilities include individual welding practice booths and a large metal fabrication area.

The Welding Program stays current with industry needs through an active Advisory Committee made up of representatives from local businesses that regularly seek our graduates for employment. SVC is accredited through the American Welding Society entry-level welder-training program. SVC is also a certified Washington Association of Building Officials (WABO) testing site. Students will move from theory to application to certification in all common manual and semi-automatic welding processes.

Sample Career Options Include:

[Welding, Soldering, & Brazing Machine Setters, Operators, & Tenders](#)
[Welders, Cutters, & Welder Fitters](#)
[Structural Metal Fabricators & Fitters](#)

Workforce

If you are interested in working in the field of Welding Technology, our Workforce Planning Guide is designed to provide you with recommended courses to complete your [Welding Technology, AAS](#) degree. Of course, educational plans may vary, based on which quarter you begin, how many credits are taken, and placement into Math and English. First year students start Fall quarter. To keep you on the best pathway, we encourage you to consult with an Academic Advisor for scheduling options.

Degree Map

Degree Maps are an integral part of our Planning Guide. Each Degree Map includes a suggested quarterly sequence of courses so you could earn your degree within two years of full-time study. Your Degree Map is also designed to help you create an individualized, customized Educational Plan, which is required of all SVC students. To start creating your Educational Plan, please consult with an Academic Advisor.

[Degree Map-Welding Technology, AAS](#)
