



The **Welding Fabrication Technology Certificate** program provides training in all aspects of welding and fabrication operations, including blueprint reading, planning operation sequence, applying geometry, heat effects and metal properties, layout, positioning, fitting, welding and material handling.

Graduates are prepared for positions such as welders, fabricators, shop supervisors, estimators and shop owners in boatbuilding, automotive, machine fabrication, commercial fishing gear, piping systems, and building construction and maintenance. This program prepares students to pass welder certification tests through the Washington Association of Building Officials (WABO).

### Current Program Webpage

[southseattle.edu/programs/welding](http://southseattle.edu/programs/welding)

## SAMPLE SCHEDULE

This schedule assumes a Fall Quarter start. If starting in a different quarter, please see your advisor for an updated educational plan.

### Quarter One (Fall)

- WFT 100: Welding Theory ..... 5
- WFT 120: Intro to Welding (Oxy/SMAW) ..... 6
- WFT 121: SMAW Shielded Metal Arc Welding ..... 6
- Computation course - MATH 110: Applied Math for Technicians ..... 3

### Quarter Two (Winter)

- WFT 105: Print Reading and Welding Symbols ..... 5
- WFT 124: Gas Metal Arc Welding ..... 6
- WFT 125: FCAW Flux Core Arc Welding ..... 6
- HDM 171: Lift Truck Operator ..... 2
- Composition course - ENGL 107: Applied Composition ..... 5

### Quarter Three (Spring)

- WFT 111: Materials and Testing ..... 5
- WFT 127: Gas Tungsten Arc Welding ..... 6
- WFT 128: Fabrication Carbon Arc Cutting Plasma Arc Cutting ..... 6
- Human Relations course - SOC 253 or SOC& 101  
(see advisor for additional options) ..... 5

It is the student's responsibility to ensure successful completion of all degree requirements. Please work closely with an advisor to create and maintain an educational plan.

### Program Contact

Professional & Technical Department  
[SouthProfTech@seattlecolleges.edu](mailto:SouthProfTech@seattlecolleges.edu) | (206) 934-5394

### Future Students – Welcome Center

[southwelcomecenter@seattlecolleges.edu](mailto:southwelcomecenter@seattlecolleges.edu) | (206) 934-7943

### Current Students – Advising

[advisorsouth@seattlecolleges.edu](mailto:advisorsouth@seattlecolleges.edu) | (206) 934-5387

## To Do List – A Guide to Help You Meet Your Goals

### Before Quarter 1

- Visit the [Steps to Enroll](#) page for everything you need to do.
- [Review the Academic Calendar for key enrollment dates.](#)
- If you need help with the Steps to Enroll, please contact the [Welcome Center](#).
- Research and apply for Grants and Scholarships. Visit the [Benefits Hub](#).

### Quarter 1

- Get involved on campus. Check out some of the resources, clubs, and activities available to you through [Student Life](#).
- Explore careers and majors through workshops, [counseling](#), and [WorkSource career services](#).
- Explore student self-service tools available on [ctcLink](#).
- Meet with an advisor to make an [educational plan](#).
- Research and apply for Grants and Scholarships. Use <https://www.automotivescholarships.com/Index.cfm> for automotive specific scholarships.

### Quarter 2

- Create a resume with assistance from Embedded Career Specialist.
- Prepare for Washington Association Building Officials (WABO) welder certification tests.

### Quarter 3

- Check the calendar for [Worksource](#) career workshops.
- Prepare for and schedule WABO tests.
- Apply for certificate and [graduation](#).
- Order cap and gown for commencement and attend commencement ceremony.
- Apply for jobs.