SOUTH SEATTLE COLLEGE

Pathway: **Welding Fabrication Technology AAS**

Area of Study: **Skilled Trades and Technical Training**

The **Welding Fabrication Technology Associate of Applied Science (AAS)** 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

Program Contact
Professional & Technical Department
SouthProfTech@seattlecolleges.edu | (206) 934-5394

Future Students – Welcome Center
southwelcomecenter@seattlecolleges.edu | (206) 934-7943

Current Students – Advising
advisorsouth@seattlecolleges.edu | (206) 934-5387

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
- ☐ 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

Quarter Four (Fall)
- ☐ WFT 201: Intermediate Welding I 6
- ☐ WFT 227: Intermediate Welding II 6
- ☐ HDM 171: Lift Truck Operator 2

Quarter Five (Winter)
- ☐ WFT 202: Advanced Welding I 6
- ☐ WFT 238: Advanced Welding II 6
- ☐ ENGR 115: CNC Plasma Table Programming and Operation 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.

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.
- ☐ Research and apply for Grants and Scholarships. Use https://www.automotivescholarships.com/Index.cfm for automotive specific scholarships.

Quarter 2
- ☐ Meet with an advisor to make an educational plan.
- ☐ Apply for financial aid for the upcoming school year in Fall or early Winter Quarter to maximize your funding options.
- ☐ Create a resume with assistance from Embedded Career Specialist.
- ☐ Work with Embedded Career Specialist and arrange third quarter internship.
- ☐ Prepare for Washington Association Building Officials (WABO) welder certification tests.

Quarter 3
- ☐ Update your educational plan.
- ☐ Check the calendar for Worksource career workshops.
- ☐ Prepare for WABO tests.

Quarter 4
- ☐ Set up an informational interview with someone in your desired field.
- ☐ Update your resume.
- ☐ Update your educational plan.
- ☐ Check the calendar for Worksource career workshops.
- ☐ Apply for graduation.
- ☐ Schedule WABO tests.

Quarter 5
- ☐ Check the calendar for Worksource career workshops.
- ☐ Order cap and gown for commencement and attend commencement ceremony.
- ☐ Apply for jobs.
- ☐ Prepare for ASE test.