

EVCC CAREER PATHWAYS Aerospace Fabrication and Welding Certificate

Career Cluster:

EDUCATIONAL PROGRAM

The [Aerospace Fabrication & Welding Certificate](#) is a two-quarter program designed to prepare students to work at the entry level in a manufacturing facility and the aerospace industry. This course serves as an introduction. The knowledge and skills acquired in this course are required for entry level positions in diverse workplace scenarios with special emphasis on aerospace. Content includes sheet metal fabrication, press break operation, CNC plasma cutting, specialized TIG welding, blueprint reading, and safety. This certificate may be considered a stand-alone credential for people seeking to enter the manufacturing field, or as part of a stackable set of certificates and degrees in the EvCC Advanced Manufacturing Program.

CAREER AND TECHNICAL EDUCATION OPPORTUNITIES

Courses are connected to and articulated with high schools via Tech Prep credit. If your school district is listed here, contact your counselor for information on Tech Prep opportunities.

Arlington School District	Snohomish School District
Marysville School District	Sno-Isle Skills Center

WELDING CERTIFICATE

[Aerospace Fabrication & Welding](#) Certificate (31 credits)

CAREER AND EMPLOYMENT OPTIONS

Welders may find employment in places such as: manufacturing and repair shops, shipbuilding yards, the aerospace industry, construction of buildings, bridges and other structures; also joining pipes for pipelines, power plants, refineries and the high tech sector using CNC controlled equipment. Welders can advance to more skilled jobs with additional training and experience. Opportunities exist to become supervisors, inspectors and instructors.

[O*NET Online](#)
[Aeroindustry Jobs](#)

CAREER AND EMPLOYMENT DATA - SNOHOMISH COUNTY

Washington State Employment Security Department (WSED) provides data and information about occupations and careers.

[WSED Snohomish County High Demand Occupations](#)

EVCC ADMISSIONS OPTIONS

Students who have earned a high school diploma or GED or students over the age of 18 may apply to Everett Community College online. Alternative options are listed below. Remember,

Stay Close ~ Go Far with EvCC

[Admission Application](#) [English as a Second Language](#)
[Adult Basic Education](#) [Youth Re-engagement](#)
[College in the High School](#) [Running Start](#)
[I-BEST](#)

FOR MORE INFORMATION

Contact the Welding Advisors or Department:

Robert White, Advisor	Kimberly Burton	Dan Minzel, Advisor
425-388-9096	425-388-9096	425-388-9447
rowhite@everettcc.edu	kburton@everettcc.edu	dminzel@everettcc.edu

ATA DEGREE

[Welding ~ ATA](#) (90 Credits)

The ATA is a non-transferable technical degree that includes emphasis in developing professional welding and fabrication skills as well as providing a grounding (13 credits) in general studies. This program is approximately two years in length for full-time involvement.

EMPLOYMENT AND WAGES

Solderers and Brazers	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders
Welders, Cutters, and Welder Fitters	Washington State Association of Plumbers and Pipefitters
O*NET	

ADVANCED AND SPECIALTY OPTIONS

Special welding courses for those people with an interest in advanced skills or personal interest in welding or desire to upgrade specific skills are available. Welders with the need or who are already involved in welding and need specific skill upgrading for job improvement. Speak with your Advisor for specialty and advanced options.

U.S. DEPARTMENT OF EDUCATION GAINFUL EMPLOYMENT

For more information about EvCC graduation rates, the median debt of students who completed the program, and other important information, visit our website at www.everettcc.edu/gainfulemployment