

Career Cluster:

ADVANCED MANUFACTURING TECHNOLOGY- WELDING AND FABRICATION ATA

The [Welding and Fabrication Program](#) at EvCC is designed to meet the expanding needs of the many occupations that utilize welding. The welding department provides a balanced course of study, including hands-on learning experiences, technical information and general education courses. The emphasis in the Welding Program is not only on welding skills, but also on fabrication techniques, which is a unique feature of the EvCC program. This series of classes includes Heavy Plate Fabrication, Sheetmetal Fabrication, Pipefitting and Pipe systems Fabrication, Structural Steel Fabrication, and Field-Welding techniques.

CAREER & 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 about Tech Prep opportunities.

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|-------------------------------|---------------------------|
| Arlington School District | Monroe School District |
| Granite Falls School District | Snohomish School District |
| Marysville School District | Sno-Isle Skills Center |

MANUFACTURING EMPLOYMENT READINESS (MFG T 102)

Students that complete MFG T 102 will earn the two certificates outlined below. This is an optional entry into the Welding and Fabrication Program.

The **Manufacturing Pre-Employment Certificate** (12 credits), sometimes offered as I-BEST, is a one-quarter program designed to prepare students to work at the entry level in a manufacturing facility and the aerospace industry.

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](#).

The **National Career Readiness Certificate** (NCRC) is an industry-recognized, portable, evidence-based credential that certifies essential skills needed for workplace success.

FOUR-YEAR DEGREE OPTIONS

In general, the Associate of Technical Arts (ATA) degree has limited transferability to a university for a bachelor's degree. However, [Central Washington University](#) offers an online Bachelor of Applied Science degree that accepts the ATA degree.

ADVANCED AND SPECIALTY OPTIONS

Welders can advance to more skilled jobs with additional training and experience. Opportunities exist to become supervisors, inspectors and instructors. Special welding courses for those people with a personal interest in welding or who are already involved in welding and need specific skill upgrading for job improvement. See your Advisor for specialty and advanced options.

SALARY AND WAGES

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

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

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|--|--|
| 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 and Fabrication Department or Advisors:

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WELDING AND FABRICATION CERTIFICATE

[Advanced Manufacturing Technology- Welding and Fabrication Certificate](#) (43 credits)

ATA DEGREE

ATA [Advanced Manufacturing Technology- Welding and Fabrication](#) (92 credits) Today, welders use automated as well as manual methods of joining metal parts through a process of heating the metal pieces and then melting and fusing them together to form a permanent bond. 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.

[O*NET Online](#)

CAREER AND EMPLOYMENT DATA - SNOHOMISH COUNTY

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

[WSESD Snohomish County High Demand Occupations](#)

U. S. DEPARTMENT OF EDUCATION AND 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