

Career Cluster:

ADVANCED MANUFACTURING TECHNOLOGY- PRINCIPLES OF PRECISION MACHINING CERTIFICATE

The [Principles of Precision Machining](#) Certificate program is designed to provide students with the basic skills necessary to gain employment as machine operators. Students will be developing skills in applied machining including basic math, basic and advanced blueprint reading, conventional lathe and mill operations, small shop tools and operation, shop safety and teamwork.

The Advanced Manufacturing program is actually a cluster of programs designed to prepare students for careers in areas such as aviation maintenance, computer controlled machining, welding and fabrication, composites design/repair, CAD based design technology, or a position coordinating all these activities.

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 for Tech Prep opportunities.

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|----------------------------|----------------------------|
| Arlington School District | Mukilteo School District |
| Everett School District | Snohomish School District |
| Lake Stevens School Dist | S. Whidbey School District |
| Marysville School District | WAVA (WA Virtual Academy) |
| Monroe School District | |

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 |

FOR MORE INFORMATION CONTACT

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425-388-9964 ext. 7374 or [Air Washington](#)
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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 Precision Machining Program.

MANUFACTURING PRE-EMPLOYMENT CERTIFICATE

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](#).

NATIONAL CAREER READINESS CERTIFICATE

[National Career Readiness Certificate](#)

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.

PRINCIPLES OF PRECISION MACHINING

The Advanced Manufacturing Technology-[Principles of Precision Machining Certificate](#) (28 credits) is designed for students seeking entry into or career advancement in the advanced manufacturing sector of the job market. Students already working in manufacturing could select certain electives and a study path in consultation with their employers to better prepare them for lead and supervisory positions.

CAREER OPTIONS

Job titles include Machinist, Machine Operator, Machinist Tool and Die

- [O*NET Online](#) [CAREER ONE STOP](#) [Aeroindustry Jobs](#)

PRECISION MACHINING ATA

[ATA Advanced Manufacturing Technology- Precision Machining](#) (92 credits) The ATA degree offers an emphasis on technical design elements of precision machining.

Job titles include Specialty Machinist, Quality Control, Supervisor, Inspector, Sorter

- [O*NET Online](#) [CAREER ONE STOP](#) [Aeroindustry Jobs](#)

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 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