

ADVANCED MANUFACTURING TECHNOLOGY- PRECISION MACHINING ATA

The [Precision Machining](#) 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.

Students seeking entry into the technical world should begin with the blue box below, Manufacturing Employment Readiness, these certificate credentials begin a pathway into entry-level manufacturing careers. For students seeking a higher level of education combined with the responsibility and job skills needed in the industry, EvCC offers skills oriented ATA Degrees. The Advanced Manufacturing Technology curriculum guide describes all three levels in the Technical Design discipline.

CAREER & TECHNICAL EDUCATION OPPORTUNITIES

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

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	Sno-Isle Skills Center

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

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

Students completingThe [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

[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.

FOR MORE INFORMATION CONTACT

Precision Machining Advisor:

Terry Elmore
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ATA DEGREE

[ATA Advanced Manufacturing Technology- Precision Machining](#) (90 credits) The ATA degree offers an emphasis on technical design elements of precision machining.

CAREER AND EMPLOYMENT OPTIONS

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 (WSED) provides data and information about occupations and careers.

[WSED 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