

EVCC CAREER PATHWAYS Advanced Manufacturing Technology- Composites ATA

Career Cluster:

ADVANCED MANUFACTURING TECHNOLOGY- COMPOSITES ATA

[The Composites Program](#) is a hands-on, in-depth overview of the processes involved in the development and production of composite products. Skills include tooling, fabrication, machining, assembly, quality assurance, repair, lay-up, vacuum bagging, and cure processing of wet laminating.

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 would begin with the Manufacturing Pre-Employment Certificate, a credential that would allow one to work in entry-level manufacturing. For those seeking a higher level of education, and the job skills and responsibilities that go with it, 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 district is listed here, contact your counselor for information on Tech Prep credit.

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

Admission Application	Running Start
College in the High School	Transitional Studies
English as a Second Language	Youth Re-Engagement

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 Composites 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

[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 the Composites Advisor:

Michael Patching
425-388-9092
mpatching@everettcc.edu or [Air Washington](#)

COMPOSITES ATA

Degree

[ATA Advanced Manufacturing Technology- Composites](#)

(90 credits)

CAREER AND EMPLOYMENT OPTIONS

Job titles include Composites Project Manager, Quality Supervisor, Composites Toolmaker, Program Manager

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

CAREER & 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