

PROFESSIONAL-TECHNICAL PROGRAMS

MANUFACTURING TECHNOLOGY

Explore Your Opportunities in an Exciting Career Pathway!

Manufacturing skills, and particularly CNC/machining skills, are in demand by companies such as The Boeing Company, Boeing suppliers, Lockheed Martin, PSNS and many others. The Aerospace industry hires many with manufacturing skills, and predicts they will see significant increases in employment capacity over the next few years. In addition, many workers in this industry are approaching retirement age, which means the industry will need to fill those positions also. The ship building and repair industry also needs many good employees with manufacturing skills.

Employers are looking for employees who are on time, dependable, can work well alone or in teams, have good communication skills and have a good work ethic. These important qualities are stressed in our curriculum. The certificates offer students a gateway to a broad range of careers. Students are provided with a combination of classroom, shop and workplace experiences. Students are able to visit several manufacturing employers and apply for and participate in internships as part of the curriculum. Employers are looking for applicants with the job and work skills that are learned here. Students who start this program do not need to choose a specific job goal before they begin.

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To enroll, contact the Admissions office today!

Admissions Office:

Humanities and Student Services Bldg., First Floor
OC Bremerton

360.475.7479 or 1.800.259.6718, Ext. 7479

E-mail: prospect@olympic.edu

www.olympic.edu/ForStudents

Our Mission

We serve and enrich all our communities by providing quality education and training for all who seek to improve their lives through learning.



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PROFESSIONAL-TECHNICAL PROGRAMS

OLYMPIC COLLEGE

MANUFACTURING TECHNOLOGY

Certificates of Completion
Certificate of Recognition



Start Here. **Go Anywhere.**

Manufacturing Career Options

- Team Assembler
- Boat Assembler
- Production Worker
- Machine Shop Assistant
- Computer Numerical Control (CNC) Operator
- CNC Programmer (Apprentice)
- Machinist

Wages*

A survey of local manufacturing companies showed starting wages of \$9.50 to \$11.80 per hour. Most firms indicated wage progression up to \$18 - \$27 per hour for experienced manufacturing employees; good pay compared to many other jobs.

Length of Employment

Surprisingly, local companies show 40% of their employees have worked for them 1 - 3 years and 40 % have worked for them 4 - 10 years. It is possible to have a long-term career with local manufacturing companies.

Some of the programs listed here may fall under **Gainful Employment** regulations. Please visit www.olympic.edu/GainfulEmployment for disclosure on programs that may lead to gainful employment.

* Labor Market and wage data comes from the Washington State Employment Security Department. The most current information can be found at <https://fortress.wa.gov/esd/employmentdata/>

PROGRAM OPTIONS**

Manufacturing Technology - Principles of Precision Machining Certificate of Completion (39 credits)

This certificate is designed to provide students with entry-level manufacturing skills and a foundation to pursue other certificates and two-year degrees in any manufacturing or trade specialty areas. Computer Numerical Control (CNC) courses are included to provide additional high-demand skills to students completing this curriculum. A complete list of the courses included in the certificate can be found in the Olympic College catalog.

Manufacturing Technology Certificate of Completion (25 Credits)

This certificate is designed to provide students with entry-level manufacturing skills and machining skills. Students will learn about hand tools, shop safety procedures, blueprints, machinery and Computer Numerical Control (CNC).

Certificate of Recognition (12 Credits)

This certificate is designed to provide students with entry-level manufacturing skills in Computer Numerical Control (CNC).

**Program and course data from the 2012-2013 Olympic College Catalog. View the current catalog on-line at www.olympic.edu.

PROGRAM OUTCOMES

Upon completion of this program, successful students will have demonstrated the ability to apply their skills and knowledge in the following ways:

1. Work effectively in a manufacturing environment.
2. Participate and contribute to the effectiveness of teams.
3. Use basic communication skills (writing, reading, speaking, listening) to meet the needs of the workplace.
4. Gather, interpret, and use data consistently and accurately to make decisions and take action.
5. Contribute to the maintenance of a safe and healthy work environment.
6. Apply technology to operate and contribute to business and manufacturing systems.
7. Take responsibility for his/her actions and decisions, adapt to change, and update his/her skills, knowledge, and attitudes to meet new challenges.

“ Plenty of hands-on experience, and the interning was great.”

– Josh Logan, OC student