Machine Technology

Learn in a real-world industry environment

If you love to work with your hands, take pride in your precision and accuracy, and want to be part of a collaborative team environment, this may be a career for you.

The modern manufacturing floor is not what you may be imagining. Machinists integrate spatial reasoning, creativity and computing to produce things. Machining is a dynamic job with opportunities to work in a broad range of manufacturing goals from aerospace parts to medical equipment and all kinds of products in between.

The Lake Washington Institute of Technology has one of the leading machine technology programs in the state. The program will provide you with high-tech, professional skills that will keep you in constant demand and open doors to numerous types of career opportunities.

This flexible program features a hands-on learning environment and a fully equipped machine shop facility, with labs modeling the workplace. You’ll learn how to cut and shape metal to drawings specifications on all different types of Computerized Numerical Machines (CNCs), as well as manual machines.

You can obtain a Machine Technology Certificate of Proficiency in 4 quarters, or an Associate in Applied Science degree (AAS) in 6 quarters. We also offer evening programs in Advanced Mastercam for graduates and incumbent machinists who are looking for this computer design aspect of CNC.

Career Opportunities

There is consistently good demand for qualified machinists throughout the Puget Sound area and across the country. When you successfully complete this program, you’ll be prepared for entry-level positions in a variety of industries, including aerospace, medical and marine.

Other career opportunities include:

• Programming CNC machines
• Machine set up lead or shop foreman
• Mechanical engineering
• Machining equipment and tools sales

Graduates of Lake Washington’s machine technology program have a highly successful job placement rate. In addition, your machining instructor will assist you in finding a job that suits your needs.
Program Highlights

- Gain hands-on experience building more than 25 projects from steels, aluminum and plastics using both manual and CNC equipment
- Perform basic programming and setup for CNC machining centers
- Gain experience using Mastercam, CAD-CAM programming software
- Start running equipment in the first few days of class
- Access to well-equipped tool rooms
- Full or part time classes available

Learn from Industry Experts

**Mike Clifton** has more than 25 years of experience in machining, including working 12 years as a premium machinist building satellite rocket engines. He has been an instructor at Lake Washington since 1997 and tailors his teaching to fit his student’s individual learning style.

**Dennis Candelaria** brings more than 25 years of career experience working in the machining industry. During this time he has had the opportunity to work in a variety of machine shops for aerospace and commercial industries. Dennis has been an instructor at Lake Washington since 2010.

**Steven Weaver** began teaching LWTech’s Machine Technology program in January 2012. The economic downturn in 2009 lead Steven to Lake Washington for career retraining as a machinist, where he earned an associate’s degree in Machining Technology in 2010. After a year of work in the industry, Steven returned to Lake Washington as an instructor alongside Mike and Dennis.

Find out more!

**Mike Clifton** (425) 739-8357
mike.clifton@lwtech.edu

**Steven Weaver** (425) 739-5808
steven.weaver@lwtech.edu

www.LWTech.edu/machining