

# Machine Tool Technology



**“If you like to build things and work with your hands, this is the place to be.** Working in machining, you are only limited by your imagination. Most of the metal things you see, a machinist probably touched it at some point.”

- David Chavez,  
Machine Tool Technology major

“Machinists are at the heart of all the precision it takes to make everything from cars and airplanes to buildings and bridges. Many of our local machine shops create parts for the avionics and space industries. They need machinists who can run computer numeric controlled, or CNC, machines, and there’s a lot of options for places to work right here in the valley.”

- Mark Harvey,  
Machine Tool Technology major

Our Machine Tool Technology instruction includes training on manual lathes, milling machines, band saws, surface grinders, drill presses and other equipment. Computer Numeric Control (CNC) training centers on utilization of modern CNC machines and Computer Aided Manufacturing (CAM) software.



## \$22.75/hr

is the median wage in Linn/Lincoln/Benton counties for a Machinist.\*



\*Income information from State of Oregon Employment Department, <https://www.qualityinfo.org>

Interested?  
Questions?

[linnbenton.edu/machine-tool](http://linnbenton.edu/machine-tool)

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You will learn to set up and safely operate the manual machine tools including the milling machine, lathe, drill press, band saw, surface grinder and other machine shop equipment.

You will also learn to set up and operate the CNC Vertical Machining Center and the CNC Turning Center plus read, write and edit machine code (G&M code).

You will interpret technical drawings and learn about Geometric Dimensioning and Tolerancing procedures. You will come to understand Computer Aid Drafting, Computer Aided Manufacturing and Computer Numeric Control (CAD/CAM/CNC) technologies.

You'll learn Mastercam and Solidworks software and how to apply good inspection practices.

The Machine Tool Technology facilities include a manual machine shop, a CNC area, a computer lab and classrooms. Facilities, lab equipment and machines are designed to allow comprehensive instruction in the tools of the machinist's trade and the department is committed to providing training on current, state-of-the-art manufacturing software.

For complete list of classes required, visit [linnbenton.edu/catalog](http://linnbenton.edu/catalog)



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