



MANUFACTURING

WHERE TECHNOLOGY MEETS PRACTICALITY

Advanced manufacturing is the engine that powers our region's economic vitality. From metals, machinery, and transportation to semiconductors and green technology, the manufacturing sector in the metro area represents almost 30% of the region's economy. Manufacturing provides jobs, innovation, and spurs productivity - giving our region an edge in the



100,992



3,902



1,555

KNOWLEDGE

- English Language
- Machines & Tools
- Mathematics
- Computers & Electronics
- Engineering & Technology
- Production & Processing

ABILITIES

- Communication Skills
- Arm-Hand Steadiness
- Deductive Reasoning
- Near Vision
- Problem Sensitivity
- Writing

SKILLS

- Operation Monitoring
- Critical Thinking
- Reading Comprehension
- Active Learning
- Quality Control Analysis
- Complex Problem Solving

Top Occupations by Educational Attainment and Median Hourly Wage

High School Diploma		Associate Degree		Bachelor Degree	
• Production Workers	\$16	• Drafters	\$25	• Civil Engineers	\$40
• Semiconductor Processors	\$19	• Architecture & Civic Engineers	\$25	• Mechanical Engineers	\$43
• Welders, Cutters, Solderers & Brazers	\$20	• Engineering Technicians	\$27	• Electrical Engineers	\$44
• Inspectors, Testers, Sorters, Samplers & Weighers	\$22	• Electro-Mechanical Technicians	\$31	• Industrial Engineers	\$49
• Machinists	\$23	• Electrical & Electronics Engineers	\$33	• Computer Hardware Engineers	\$62

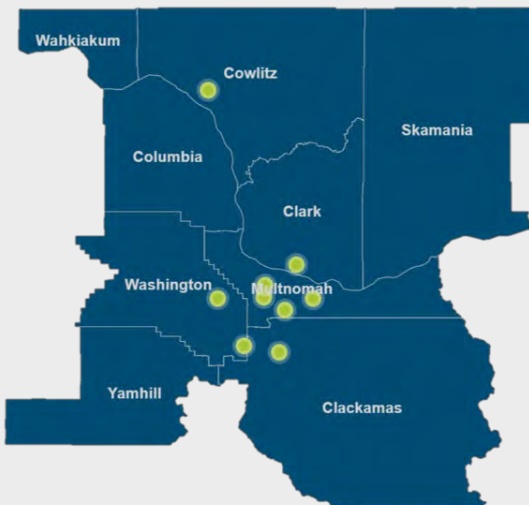


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Sample of Local Employers

COMPANY	WHAT THEY MAKE	EMPLOYEES
Microchip Gresham, OR	Microcontroller and analog semiconductors.	1-50
Benchmade Knife Company Oregon City, OR	A wide selection of high performance everyday carry, hunt, rescue, tactical, outdoor, and survival knives.	51-200
SteelScape Kalama, WA	Metallic-coated and pre-painted steel products.	201-500
Leupold & Stevens Beaverton, OR	Telescopic sights, spotting scopes, and binoculars.	501-1,000
VIGOR Vancouver, WA	Innovator in complex fabrication, a specializing in shipbuilding and ship repair.	1,001-5,000
Tektronix Beaverton, OR	Test and measurement devices such as oscilloscopes, logic analyzers, and video and mobile test protocol equipment.	5,001-10,000



Learn more about these high demand job opportunities at careersnw.org

Local WorkSource centers have more information on specific jobs and training programs available *right now* in these industries. WorkSource has special funding to help recruit, train, and place workers in these high-demand fields. Explore the information throughout the website and then call or visit your nearest WorkSource center.



POWERED BY 
WORKSOURCE

Explore construction job opportunities and training resources at CareersNW.org

These programs are financed in whole or in part with funds provided through Worksystems Inc. from the U.S. Department of Labor. The programs are equal opportunity employers/programs. Auxiliary aids and services are available upon request to individuals with disabilities. To place a free relay call in Oregon dial 711.

MANUFACTURING

ENTRY
LEVEL



ASSEMBLER



WELDER HELPER

MID
LEVEL

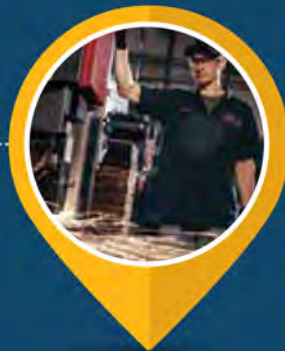


MACHINE
OPERATOR



WELDER

UPPER
MID-LEVEL



MACHINIST



MAINTENANCE
MECHANIC



ENGINEERING
TECHNICIAN

UPPER
LEVEL



ENGINEER