



Forest Grove High School MANUFACTURING

For students interested in:

- Designing products
- Building with tools
- Creating products
- Applying learning in a real-world environment
- Using tools and equipment

Sequence of Courses

Introductory

- Metals 1: Intro to Metals (9-12 grade, 0.5 credits)
- Metals 3: Machining (10-12 grade, 0.5 credits)

Intermediate

- Metals 2: Advanced Welding (10-12 grade, 0.5 credits)

Advanced

- Metals 4: Fabrication (10-12 grade, 0.5 credits)
- Metals 5: Apprentice (11-12 grade, 0.5 credits)
- Metals 6: Advanced Welding Projects (11-12 grade, 0.5 credits)

Students will learn:

- Apply quality control techniques to achieve desired specifications
- Welding skills
- Work place skills
- Demonstrate professional behavior
- Operate machinery safely

Career Options

Welders, Cutters, Solderers, and Brazers	\$61,577
Machinists	\$61,914
Industrial Machinery Mechanics	\$74,915
Sheet Metal Workers	\$78,268
Computer Numerically Controlled Tool Programmers	\$78,662
Structural Iron and Steelworkers	\$86,730
Industrial Engineers	\$112,325

2024 median annual salary for tri-county area high wage and high demand
-Oregon Employment Division

Dual Credit Offerings

- PCC – WLD 116A – Beginning Shielded Metal Arc Welding (3 credit hours)
- PCC – WLD 116B – Basic Welding Practice (3 credit hours)
- PCC – WLD 136A – Beginning Wire Welding (3 credit hours)
- PCC – WLD 136B – Basic Wire Welding (3 credit hours)

Current Industry Partners

- Harris Thermal
- PCC Welding
- Vigor
- Gunderson



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Industry
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