



# Scappoose High School

# MANUFACTURING

## For students interested in:

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

## Sequence of Courses

### Introductory

- Woods I (9-12th grade, 0.5 credit)
- Digital Fab I (9-12th grade, 0.5 credit)
- Product Development I (9-12th grade, 0.5 credit)
- Manufacturing Tech I (9-12th grade, 0.5 credit)
- Drafting I (9-12th grade, 0.5 credit)

### Intermediate

- Digital Fab II (9-12th grade, 0.5 credit)
- Product Development II (9-12th grade, 0.5 credit)
- Manufacturing Tech II (9-12th grade, 0.5 credit)
- Drafting II (9-12th grade, 0.5 credit)

### Advanced

- Woods II (9-12th grade, 1.0 credit)
- Advanced Woods (9-12th grade, 0.5 credit)
- Advanced Manufacturing Technology (9-12th grade, 0.5 credit)

## Students will learn:

- To use computers and machines to model and create products
- To apply quality control techniques to achieve desired specifications
- To plan manufacturing operations to meet deadlines
- To operate machine shop equipment such as a laser cutter, 3D printer, metal lathe, and CNC machine
- To practice safe, legal, and ethical work

## 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 190B – Basic Welding Practice (2 credit hours)
- PCC – MCH 121 – Manufacturing Processes 1 (5 credit hours)



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## Current Industry Partners

- OMIC Fab Lab
- Nike
- Pacific Stainless
- Oregon Aero
- Rightline Equipment Inc.

