

Creekside Community High School

MANUFACTURING



For students interested in:

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

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
- How to operate machine shop equipment such as a laser cutter or 3D printer
- To practice safe, legal, and ethical work

Sequence of Courses

Introductory

- Manufacturing 1A (9-12th grade, 0.5 credit)
- Manufacturing 1B (9-12th grade, 0.5 credit)
- Foundations of Manufacturing (9-12th grade, 0.5 credit)

Intermediate

- Manufacturing 2A (9-12th grade, 0.5 credit)
- Manufacturing 2B (9-12th grade, 0.5 credit)

Advanced

- Manufacturing Capstone A-D (9-12th grade, 0.5 credit)

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



Click QR
Code to
connect to
Industry
Sheet

