

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

Sheet Metal Workers	\$78,354
Structural Iron and Steelworkers	\$79,373
Industrial Engineers	\$103,334
Industrial Machinery Mechanics	\$62,856
Welders, Cutters, Solderers, and Brazers	\$51,355
Machinists	\$51,667
Computer Numerically Controlled Tool Programmers	\$65,083

2022 median annual salary for tri-county area high wage and high demand
Oregon Employment Division