



Gaston High School CONSTRUCTION

For students interested in:

- Carpentry
- Plumbing
- Masonry
- Finish carpentry
- Architecture
- Construction math
- Electrical installation
- General contracting
- Home repair
- HVAC
- Cabinetry
- 3D Printing & laser engraving
- CADD
- Tool use and safety
- Welding
- Fabrication
- CNC

Students will learn:

- To safely operate hand and power tools
- Hands-on construction skills
- Professional skills, such as punctuality, communication, and attention to detail
- To read technical drawings and understand specifications
- Metal work
- Digital design & manufacturing

Sequence of Courses

Introductory

- Metals (9-12th grade, 1.0 credit)
- Engineering Concepts A (9-12th grade, 0.5 credit)

Intermediate

- Construction - Comprehensive (9-12th grade, 1.0 credit)
- Woods 1 (9-12th grade, 0.5 credit)
- Engineering Concepts B (9-12th grade, 1.0 credit)

Advanced

- Manufacturing A (9-12th grade, 0.5 credit)
- Construction (9-12th grade, 1.0 credit)
- Woods 2 (9-12th grade, 0.5 credit)
- Advanced Manufacturing A (9-12th grade, 0.5 credit)
- Advanced Manufacturing B (9-12th grade, 0.5 credit)

Dual Credit Offerings

- PCC - BCT 106 – Hand Tool/Power Tool Use and Safety (3 credit hours)

Career Options

Architectural and Civil Drafters	\$70,691
Carpenters	\$76,150
Drywall and Ceiling Tile Installers	\$77,817
Civil Engineering Technologists and Technicians	\$81,833
Electricians	\$94,288
Plumbers, pipefitters and steamfitters	\$95,153
Construction Managers	\$142,416

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

Current Industry Partners

- RT Custom Builds
- Western Ironworks
- Fordyce Design & Manufacturing, LLC
- Woodfold Manufacturing
- All Built Construction



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