



GLENCOE HIGH SCHOOL METAL PROCESSING

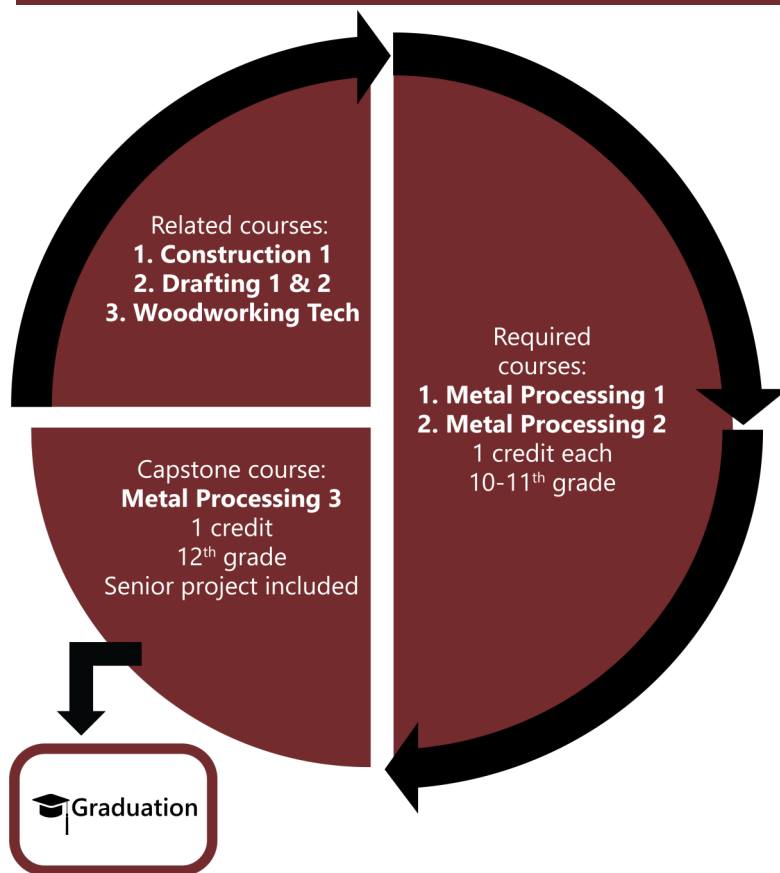
INSTRUCTOR:
JONATHAN STUPFEL
stupfelj@hsd.k12.or.us

For students interested in:

- Maintenance & repair
- Manufacturing
- Commercial or residential tooling
- Assembly
- Industrial mechanics
- Metal work
- Construction

SEQUENCE OF COURSES

Please refer to HSD course catalog for more information



PATHWAY TEACHES

STUDENTS TO:

- Work safely in the shop setting
- Read and interpret mechanical shop drawings
- Understand and apply shop math
- Use the forge oven correctly
- Fabricate and repair tools
- Perform advanced machine tool operations
- Use CNC and CAM software proficiently
- Be proficient in the following advanced welding processes: SMAW, FCAW, GMAW Steel and Aluminum, GTAW Steel, Stainless Steel and Aluminum, Certified weld test and Oxy- Acetylene cutting

CAREER POSSIBILITIES & SALARY RANGES

| | |
|------------------------|----------------------|
| • Engineer | \$70,387- \$163,280 |
| • Sheet Metal Worker | \$46,571- \$101,837 |
| • Construction Manager | \$74,734- \$171,122 |
| • Plumber | \$51,854 - \$131,123 |
| • Electrician | \$52,520 - \$109,449 |
| • Welder | \$42,806 - \$71,864 |
| • Machinist | \$38,499 - \$80,059 |

**Salary ranges shown are from the 10th to 90th percentile*

SOME LOCAL COLLEGES & MAJORS

- **PCC**– Associate of Applied Science: Construction Trades, Electrician Apprenticeship Technology, Construction Trades– General Apprenticeship or Machine Manufacturing Technology
- **OSU**– Bachelors of Science: Construction Engineering Management
- **Chemeketa Community College**– Associate of Science: Welding Fabrication Technology
- **Clackamas Community College**– Associate of Applied Science: Welding Technology
- **OSU**– Bachelors of Science: Manufacturing Engineering or Mechanical Engineering

POTENTIAL LOCAL EMPLOYERS

- **Cascade Systems Technology**
- **Ultimate 3D**
- **R&D Plastics**
- **Genentech**
- **Jireh Semiconductor**
- **CoorsTek**
- **Acumed**
- **Tososh Quartz**
- **Davis Tool**
- **Epson**
- **Qorvo**
- **MetaFab**
- **Phoseon**
- **ASM**
- **Axiom**

To learn more about career and college opportunities, make an appointment with your counselor 503-844-1900 ext. 3504