



GLENCOE HIGH SCHOOL MANUFACTURING & DESIGN TECHNOLOGIES

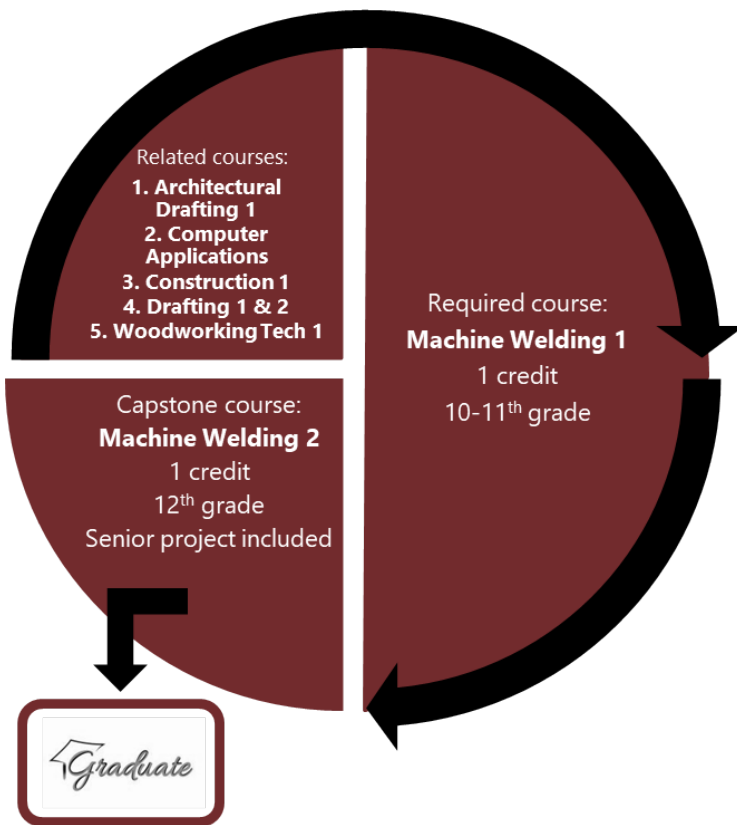
INSTRUCTOR:
DAVID WILLIAMS
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For students interested in:

- Maintenance
- Repair work
- Manufacturing
- Commercial or residential tooling
- Assembly
- Industrial mechanics
- Welding
- 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	\$72,259- \$106,683
• Sheet Metal Worker	\$36,358- \$65,728
• Construction Manager	\$72,675- \$114,629
• Plumber	\$57,533- \$94,453
• Electrician	\$57,533- \$94,453
• Welder	\$36,379 - \$50,315
• Machinist	\$31,720 - \$48,090

SOME LOCAL COLLEGES & MAJORS

- **PCC**– Associate of Applied Science: Construction Trades, Electrician Apprenticeship Technology or Construction Trades– General Apprenticeship
- **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

POTENTIAL LOCAL EMPLOYERS

- **Cascade Systems Technology**
- **Ultimate 3D**
- **R&D Plastics**
- **Brix Paving**
- **Sagebuilt Homes**
- **Paulson Flooring**
- **Summit Manufacturing**
- **Parr Lumber**
- **Turner Construction**
- **Swinerton Builders**
- **Columbia Industries**
- **Valley Machine**

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