



St. Helens High School

MANUFACTURING

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
- To operate machine shop equipment such as a laser cutter, 3D printer, CNC mill, lathe, or CNC plasma cutter
- To practice safe, legal, and ethical work

PCC Related Programs

- Apprenticeships and Trades
- Auto Collision Repair & Automotive Service
- Building Construction & Inspection Dealer Service Technology
- Diesel Service Technology
- Facilities Maintenance
- Welding

View pcc.edu/programs for all PCC programs

Local Industry Career Opportunities

Welders, Cutters, Solderers, and Brazers

Machinists

Industrial Machinery Mechanics

Sheet Metal Workers

Computer Numerically Controlled Tool Programmers

Structural Iron and Steelworkers

Industrial Engineers

Click on the QR code for more employment data



St Helens CTE Program of Study

Metals/Manufacturing 1, 2, 3, 4

CNC Manufacturing 1, 2, 3, 4

Blue Print Reading

For full course sequence, see your guidance counselor

PCC Dual Credit Offerings

- Beginning Wire Welding
- Basic Welding Practice
- Beginning Shielded Metal Arc Welding
- Basic Wire Welding
- Blueprint Reading

Click on the QR for more information about dual credit

Career Technical Student Organizations

