



Tigard High School MANUFACTURING

Students will learn how to:

- Use industry standard software and manufacturing equipment.
- Improve products by analyzing data and building prototypes.
- Verify the quality of physical parts before customers receive them.
- Use project management techniques to better plan large projects
- Be safe around industrial machinery.

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

Mechanical Engineers



Tigard CTE Program of Study

Robotics 1, 2

Engineering Design 1, 2

Engineering & Design Capstone

For full course sequence, see your guidance counselor

Industry Recognized Credential

- SolidWorks CAD Design CSWA Academic

Career Technical Student Organization

- FIRST Robotics - FTC

PCC Dual Credit Offerings

- Digital Design and Fabrication Fundamentals
- SolidWorks Fundamentals

Click on QR code for more information about dual credit



Click on the QR code for more employment data

