

# Manufacturing

## Degree Type

Career Pathways

## Manufacturing Career Cluster

The Manufacturing Career Cluster is focused on planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing, and process engineering.

**Check with your counselor to see if this pathway is offered at your school.**

### Schools

Battlefield High School,  
Brentsville District High School,  
Colgan High School,  
Forest Park High School,  
Freedom High School,  
Gainesville High School,  
Gar-Field High School,  
Hylton High School,  
Osborn Park High School,  
Patriot High School,  
Potomac High School,  
Unity Reed High School,  
Woodbridge High School

## Manufacturing Production Process Development

Employees in manufacturing production process development are responsible for product design and design of the manufacturing process. They work with customers to ensure the manufacturing process produces a product that meets or exceeds customer expectations, and monitor the materials used to manufacture the product.

Title	Credits
Introduction to Engineering Design (PLTW)	1
Computer Integrated Manufacturing (PLTW)	1
Principles of Engineering (PLTW)	1
Engineering Design & Development (PLTW)	1
<b>Total Credits</b>	<b>4</b>