



## More Information

### For more information about Manufacturing Youth Apprenticeship CONTACT:

- Your local high school YA Coordinator or Guidance Counselor.
- **OR** to find a local contact for your area, visit the Wisconsin Department of Workforce Development Youth Apprenticeship website at:

<http://dwd.wisconsin.gov/youthapprenticeship/>



DWD is an equal opportunity employer and service provider. If you have a disability and need to access this information in an alternate format, or need it translated to another language, please contact: (608) 266-2134 or (866) 864-4585 (TTY)

This brochure was developed in cooperation with CESA 6 through a grant from Wisconsin DWD.

### State of Wisconsin Department of Workforce Development

Post Office Box 7972  
Madison, WI 53707-7972

### Employer Testimonial

"Currently 19% of our machine operators are either previous Apprenticeship students or currently enrolled in the program. Some of our most valued long-term employees are developed through this program. By being involved with the students when they are beginning their careers, we can tailor the training to meet our company's needs and beliefs."  
Ron Polum, Pointe Precision, Plover, WI

Department of  
Workforce Development

## Manufacturing Youth Apprenticeship

**Made in  
Wisconsin!**



# Manufacturing Opportunities!

## MANUFACTURING MATTERS

Manufacturing is the engine that drives American prosperity. Often the perception is that the heyday of U.S. manufacturing is in the past. Nothing could be further from the truth! Wisconsin is tied as the number one manufacturer in the United States and employs 16% of our labor force.

Manufacturing establishments engage in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. Furthermore, all manufacturing workers need to possess flexibility of skills in order to respond to rapidly changing industry demands. Therefore, the Manufacturing YA program was structured to require **INDUSTRY-WIDE FOUNDATIONAL SKILLS** and **INDUSTRY-SPECIFIC TECHNICAL SKILLS**.

This school-to-work program offers a variety of experiences and possible job placement settings and is applicable for a student who has expressed an interest in a **manufacturing or engineering career, or skilled machinery trade**.



## Where can I work?

Worksites for Manufacturing YA can be chosen from any number of the manufacturing sub-industries such as Chemical, Computers and Electronic, Food and Beverage, Machine, Plastics and Metals. Materials processed include a variety of different raw materials such as Metals, Polymers (Textiles, Plastic), Finishes and Food and Beverage.

## What can I learn?

Manufacturing YA students are required to perform all the Core Employability, Safety and Manufacturing Fundamental skills at the worksite. Level One (one year) YA students choose additional technical competencies from a MINIMUM of ONE of the Manufacturing Units, while Level Two (two year) YA students complete competencies from a MINIMUM of TWO of the Manufacturing Units.



The Manufacturing YA curriculum was developed from the national Manufacturing Skill Standards Council (MSSC) and is aligned with the National Career Cluster Standards.



**WMC**  
WISCONSIN'S BUSINESS VOICE

Wisconsin Manufacturers and Commerce (WMC).

## What are the specific manufacturing units?

- Assembly and Packaging
- Manufacturing Processes (Casting, Conditioning, Filling, Finishing, Forming, Joining/Combining, Molding, Separating)
- Machining (Grinder, Lathe, Machine Center, Computer Numerical Control (CNC))
- Welding
- Production Operations Management (Inventory, Resources, Quality Management)
- Industrial Equipment Maintenance and Repair
- **NOTE:** Purchasing, Warehousing, and Supply Chain Management can be found under the Transportation, Distribution and Logistics YA Programs.

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