



DWD Secretary Roberta Gassman visits Manufacturing Youth Apprenticeship students at Helgesen Industries in Hartford, WI.

### 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, 2007

## 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/>

### State of Wisconsin Department of Workforce Development

Post Office Box 7972  
Madison, WI 53707-7972

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)

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Department of  
Workforce Development

# Manufacturing Youth Apprenticeship

Made in  
Wisconsin!



# Manufacturing Opportunities!

Manufacturing is the engine that drives American prosperity. However, often the perception is that the heyday of U.S. manufacturing is in the past. Nothing could be further from the truth! Standing by itself, U.S. manufacturing is the eighth largest economy in the world.

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 & Electronic, Food & Beverage, Furniture, Machine, Plastic & Rubber Production, Primary & Fabricated Metals, and Wood. Materials processed include a variety of different raw materials such as Metals, Polymers (Wood, Textiles, Plastic), Finishes (Wood Finishes, Metal Finishes) and Food & Beverage

## What can I learn?

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



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



## What are the specific manufacturing pathways?

- Assembly & Packaging
- Casting
- Conditioning
- Filling
- Finishing
- Forming
- Joining/Combining
- Molding
- Separating
- Machining– Grinder
- Machining– Lathe
- Machining– Machine Center
- Production Operations Management

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