



ADULT PROGRAMMING

2025

A close-up photograph of a CNC machining process. A metal drill bit is shown cutting into a piece of metal, with a large spray of yellowish coolant liquid being directed at the cutting point. The background is a solid blue color.

**WE PROMOTE
REWARDING
MANUFACTURING
CAREERS.**



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WHAT IS **AWT**?

The Alliance for Working Together (AWT) was started in 2002 as a small, informal group of manufacturers, who met to discuss topics of interest and best practices among local manufacturers. Finding skilled workers was quickly identified as one of the top challenges for our manufacturers. **Promoting rewarding careers in manufacturing became the core mission of the organization.** In 2012, the AWT Foundation became a 501-(c)3 non-profit. Since then, the AWT Foundation now has 500+ manufacturing company, community organization, and school members.

The AWT Foundation is hard at work to change the overall perception of manufacturing. The group realizes the need for educators, counselors, parents, and others to understand the importance of manufacturing as a viable career path. As manufacturing continues to grow in Northeast Ohio and the future looks promising, there is still a critical shortage of skilled workers to satisfy growing demand and replace baby boomers who are approaching retirement. This is going to create a tremendous opportunity for students in the manufacturing/machine trades industry.

With the help of strategic partners, the AWT Foundation has developed impactful Science, Technology, Engineering, Arts, and Mathematics (STEAM)-to-career programs. Through these initiatives, AWT has engaged 21,500 students across 54 schools in 12 counties and hosted 275 events in 2024 alone. Signature programs like RoboBots, JuniorBots, and the Think Manufacturing Career Expo have exposed students to manufacturing careers and connected them with local companies. AWT has also facilitated over 2,300 tours of manufacturing facilities for students, teachers, and parents, as well as professional development opportunities for educators.

We have been instrumental in access to transportation for students and manufacturing employees and provide Department of Labor and Ohio Department of Job & Family Services (ODJFS) recognized pre-apprenticeship and apprenticeship programs for manufacturing occupations.

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PROGRAMS WORKADVANCE

MANUFACTURING A PATH TO SUCCESS

The AWT WorkAdvance program aims to introduce job seekers to entry-level positions in manufacturing through a short training program at our facility. Each day, a new topic relating to the manufacturing sector is covered. The program includes days focused on blueprint reading, inspection and measurement, shop math, and intro to manual and CNC machines. We cover resume and interview prep, financial literacy, and workplace etiquette. At the conclusion of the program, participants are connected with manufacturers for interviews.

Learn more at AWTWorkAdvance.com





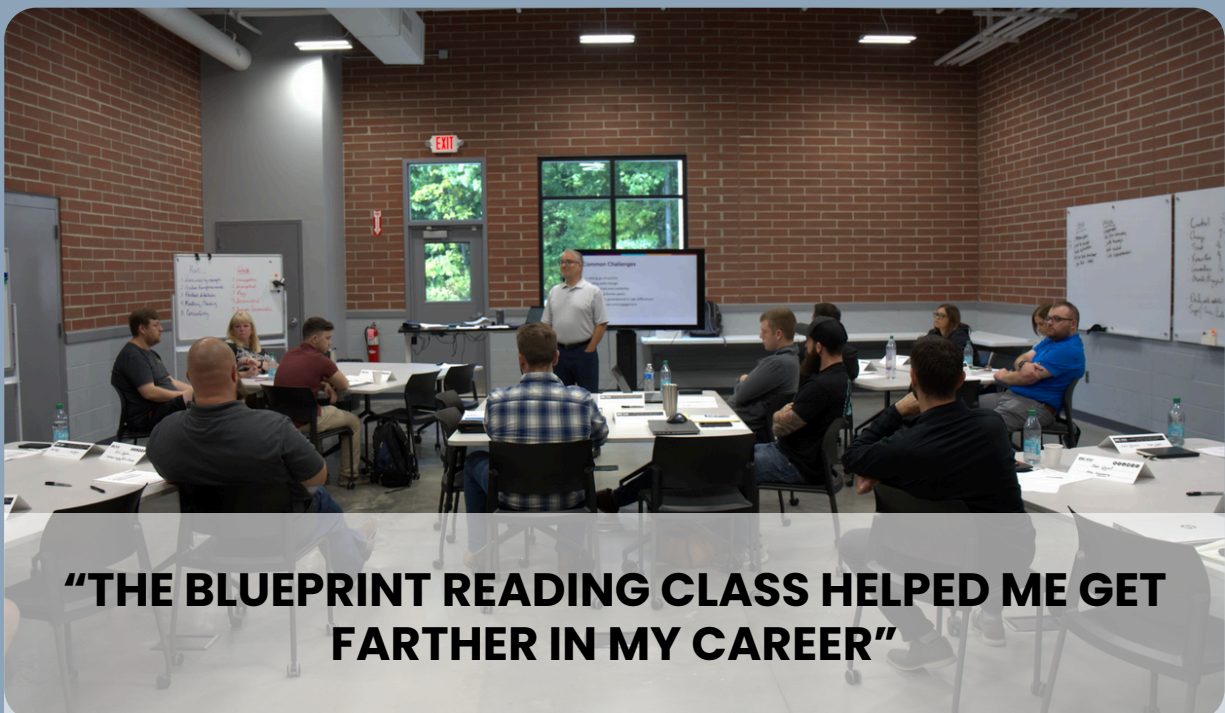
PROGRAMS TRAINING SESSIONS

INDUSTRY-DRIVEN, AND EXPERT-LED

The AWT Foundation is committed to strengthening the manufacturing workforce by offering specialized training sessions designed to meet industry needs. Each month, we host a training session focused on a different manufacturing skill set identified by members.

In partnership with leading industry experts, we provide hands-on training to enhance the skills and capabilities of our manufacturing community.

Learn more about our employer training sessions and see what's currently being offered at www.thinkmfg.com/events.



**"THE BLUEPRINT READING CLASS HELPED ME GET
FARTHER IN MY CAREER"**



PROGRAMS

APPRENTICESHIPS

HANDS-ON TRAINING. REAL-WORLD SKILLS

The AWT Apprenticeship Program is a four-year* registered training initiative designed to develop highly skilled journeyman machinists in Northeast Ohio. The program is recognized by the Department of Labor and ApprenticeOhio and offers pathways in Tool & Die Making, Mold Making, Precision Machining, Tool Programming/Numerical Control, and Quality/Inspection.

Key Benefits for Employers



Address Skill Gaps

Develop a pipeline of skilled workers.



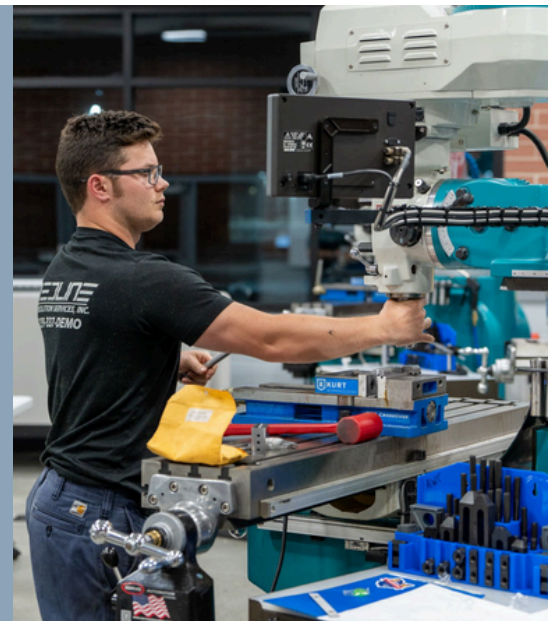
Improve Retention

Investing in employees leads to higher motivation and loyalty.



Cost-Effective Training

Tuition is \$2,800 per year per employee, with \$2,000 reimbursed through TechCred.



How the Program Works:

- Blended Learning Approach
 - Apprentices complete a combination of online coursework, hands-on, and in-person training.
- On-the-Job Training (8,000 hours)

**The Quality/Inspector Apprenticeship is a two-year program.*



PROGRAMS

APPRENTICESHIPS

LEARN MORE AT THINKMFG.COM/APPRENTICESHIPS

Machining Apprenticeships

Year 1

- Safety & Basics
- Materials & Tools
- Machining Fundamentals
- Precision & Inspection
- Manual Mill & Lathe Projects

Year 2

- Advanced Blueprint Reading
- Manual Mill & Lathe Projects
- Machine Maintenance & Setup
- CNC Lathe
- CNC Mill
- CNC Programming

Year 3

- Advanced Math & Precision
- Quality & Inspection
- CAD & CAM Software
- CAM Operations
- Advanced CNC Techniques
- CNC Mill & Lathe Projects

Year 4

- 3D Modeling
- Design & Fixture Applications
- Advanced Manufacturing
- Metallurgy
- CNC Lathe & Mill projects

Quality / Inspection Apprenticeships

Year 1

- Safety & Basics
- Materials & Tools
- Introductory Blueprint Reading
- GD&T Fundamentals
- Comparator

Year 2

- Advanced Blueprint Reading
- GD&T Applications
- CMM Inspection
- Calibration & Documentation
- Quality Auditing
- Machining & Laser Cutting



AWT TRANSFORMATION TRAINING CENTER

A HUB FOR WORKFORCE DEVELOPMENT

The AWT Northeast Ohio Transformation Training Center is a world class hub for workforce development, industry, and manufacturing training. Since opening in October of 2022 this facility serves the region as a center for education and industry sector collaboration. The AWT Training Center addresses the gap in K-12 and adult new and incumbent worker training. This center provides the technically trained workforce area manufacturers need.





COMMUNITY PARTNERSHIPS

WORKING TOGETHER

At AWT, we believe in the power of collaboration to strengthen the manufacturing workforce. Recently, we've partnered with local businesses and educational institutions to expand hands-on training opportunities through our apprenticeship and training programs. By working together, we're equipping individuals with the skills needed to thrive in today's advanced manufacturing industry.

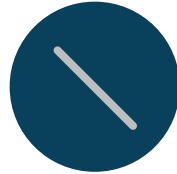
No matter your company's size or training goals, AWT can develop a customized training pathway that meets your needs. From foundational skills to advanced technical training, we provide workforce development solutions that create lasting career opportunities.



ADULT TRAINING

BY THE NUMBERS IN 2024

450+
ADULTS
TRAINED



POWERED BY PARTNERSHIPS.

We partner with organizations, and industry leaders to deliver hands-on training, STEM programs, and manufacturing-focused initiatives, empowering both the current and future workforce.



IMPACT STARTS HERE.

Over 75% of our outreach events were held at the AWT Training Center, allow adults to have hands-on training with the most up-to-date equipment.



TRAINING FOCUS

- AWT WorkAdvance
- Apprenticeship Training
- GibbsCAM
- Lean Six Sigma
- Blueprint Reading
- Machine Set-up
- SolidWorks
- Tool Life

PROMOTING REWARDING CAREERS IN MANUFACTURING



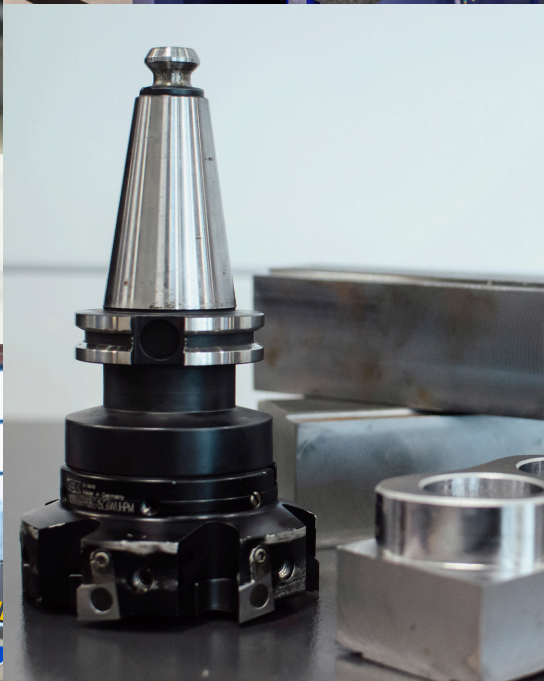
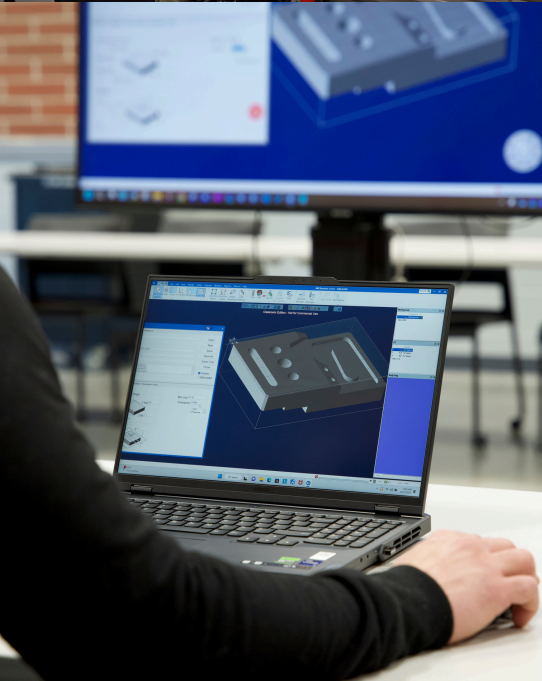
30+
DIFFERENT
TRAININGS



345+
COMPANIES
ENGAGED



150+
NEW
SKILLS





LET'S PARTNER!



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