

Did you know?

Manufacturing is a broad category of companies that make things. While there are many similarities in manufacturing needs, there are also specific needs to advance innovation. We are fortunate in Northeast Ohio that our communities see the importance of innovation in industry-specific ways and have organized around specific clusters of companies to grow our economy. Each cluster uses advanced, smart manufacturing technologies to innovate. These clusters include:

- Water technologies (**Cleveland Water Alliance**)
- Polymers (**Polymer Industry Cluster**)
- Energy storage (**BRITE Energy Innovators**)
- Additive manufacturing and 3D printing (**Youngstown Business Incubator**, Team NEO and **America Makes**)
- Aerospace (**Ohio Aerospace Institute**)
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Download this brochure with links to resources

Spotlight on Local Resource

MAGNET

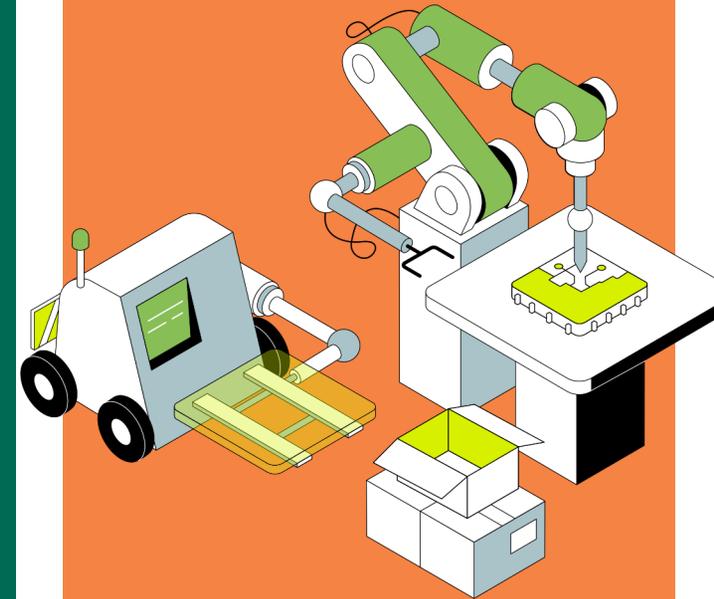
MAGNET's mission is to drive Northeast Ohio manufacturing growth. Its vision is for this region to be the global leader in smart manufacturing. MAGNET assists companies with transformation, innovation, talent, and leadership. They consult with businesses for technology and engineering, operational excellence, marketing and sales, and new startups. They also offer programs for youth and adults to upskill and connect to opportunities in manufacturing.

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manufacturingsuccess.org

Let's Explore

**Technology & Industry:
Fabricating the Future**



Job Outlook

Manufacturing is growing rapidly, with 10,000 new jobs in manufacturing in Northeast Ohio in the past two years. Starting salaries are getting much more competitive. The average hourly wage for entry-level low-skill jobs is \$16.30, up 16% in two years. The average hourly wage for entry-level mid-skill jobs is \$21.10, up 21% in two years.

What's more, companies are catching up with the realities of a tight labor market and are making changes for the better:

- 2,000+ people of color have entered manufacturing in the past two years. MAGNET alone has helped more than 750 women and people of color start manufacturing careers since 2021.
- 65% more companies are increasing their formal apprenticeship or on-the-job training programs.
- 58% of manufacturers are looking for ways to increase flexibility for workers through hours and shift permutations, cross-training of roles, or more frequent pay to attract new employees.
- Almost 70% more manufacturing companies are on the region's best places to work lists than in 2021.
- Half of all companies offer tuition reimbursement and almost all companies offer health care for all people.
- 25% more companies are recruiting from high schools since 2019.

Places to look for open jobs:

- [Indeed](#)
- [LinkedIn](#)
- [OhioMeansJobs](#)
- [JobsOhio](#)

Preparing for the Career

Early College Early Career (ECEC)

The state-recognized, first-of-its-kind ECEC program was designed to expose high school students to manufacturing and available industry careers, while building a talent pipeline for employers. The ECEC experience includes:

- Technical skills
- Training
- Full-time, paid summer internships
- Mentoring
- Transportation

More than 95% of ECEC graduates receive at least one job offer upon program completion. If you are interested in a manufacturing career, MAGNET will provide all support services, including transportation and mentoring.

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MAGNET also offers several adult-focused training and direct-hire opportunities.

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Additionally, MAGNET offers technical training through educational partners, including:

- Cuyahoga Community College
- Lorain County Community College
- Lakeland Community College
- Stark State Community College

LEARN MORE

Additional Resources & Opportunities

If you are interested in careers related to welding and fabrication or 3D modeling check out [this pamphlet](#) for more information.

If you are interested in careers related to robotics check out [this pamphlet](#) for more information.

If you are interested in careers related to coding or cybersecurity you can check out [this pamphlet](#) for more information.

Information on upcoming events at MAGNET can be found [here](#).

