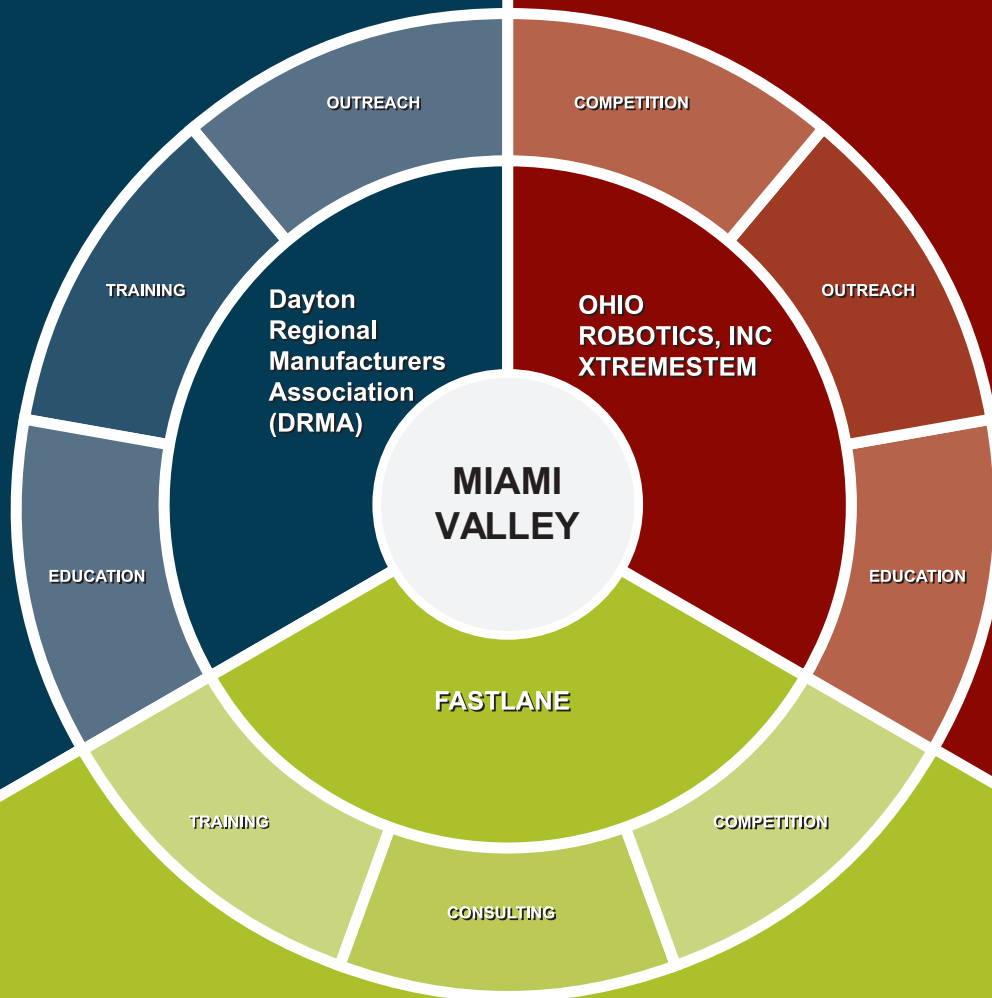


# MANUFACTURING WORKFORCE INITIATIVES

- Manufacturing Day
- Manufacturing Week
- Dayton Summer Camp
- Manufacturers' Fundamentals Training (MSSC)
- Classroom Presentations
- Power Lunch

- Xtreme Bots
- Collegiate Clash
- Xtreme Drones
- Xtreme 3D



- Technical Continuing Education
- Manufacturing Certification Programs
- Internship/Co-Op Programs
- Surge Capacity Solutions

- Additive Manufacturing Program
- Classroom Presentations
- Power Lunch



## Dayton Regional Manufacturers Association (DRMA)

A membership organization providing outreach training, advocacy, and strategic partnerships for manufacturers. DRMA spearheaded the organization of the local Manufacturing Day initiative, reaching more than 4,500 students through 40 local manufacturer open houses. DRMA has also established a manufacturing-focused Dayton Summer Camp program that has seen great success in engaging local children. DRMA supports internship programs in the region and has partnered with the Miami Valley Career Center to pilot a program for Manufacturing Foundations Training (MSSC).

**For more information:**

<http://daytonrma.org>  
[info@daytonrma.org](mailto:info@daytonrma.org)  
937-949-4000



## Ohio Robotics Inc.

A manufacturer led outreach organization, Ohio Robotics Inc. hosts several competitive and informational events, including Xtreme STEM, Xtreme Bots, and Collegiate Clash. These events aim to inspire the pursuit of careers in manufacturing by providing hands-on experiences for high school and college students. Teams are mentored by local manufacturers, who help the students design, construct, and compete with their own robotic creations. Opportunities for sponsors, mentors, and volunteers are available. Future initiatives include Xtreme 3D and Xtreme Drones.

**For more information:**

[http://xtremestem.org/](http://xtremestem.org)  
[info@xtremestem.org](mailto:info@xtremestem.org)  
937-999-7701



AN OHIO MEP AFFILIATE

## Fastlane

A program of the University of Dayton Research Institute, Fastlane provides a menu of services and initiatives addressing manufacturing workforce challenges through outreach, education, and consulting. Fastlane has partnered with DRMA to conduct "Power Lunch" exhibits to capture middle and high school students' interest in pursuing a manufacturing career. Additionally, Fastlane provides formal training programs and supports an internship and co-op program in conjunction with the University of Dayton. Fastlane is a Manufacturing Extension Partnership.

**For more information:**

<http://fastlane-mep.org>  
[Fastlane@udri.udayton.edu](mailto:Fastlane@udri.udayton.edu)  
937-229-1384

## OTHER RESOURCES

### TechSolve

A member of the Manufacturing Extension Partnership network, TechSolve has a number of services committed to assisting and improving the manufacturing industry in Ohio. While headquartered in Cincinnati, TechSolve also has an office in Dayton and works with manufacturers across the region. TechSolve provides manufacturing-specific consulting services, training programs, as well as educational workshops and seminars.

**For more information:**

[www.techsolve.org](http://www.techsolve.org)  
800-345-4481

# OTHER RESOURCES

Below is a listing of some of the organizations involved in Workforce Development in the Miami Valley region. We realize that this list may be incomplete and we welcome your suggestions in expanding the information reported. Please send all suggestions to: Adam Kanter: [akanter@ohiomfg.com](mailto:akanter@ohiomfg.com)

## Aileron

A non-profit organization focused on serving private-business owners by providing tailored services to help drive change and grow their business. Aileron's services center around professional management and their advisors work with all industries. Services include: setting direction and team alignment, growing people and culture, optimizing operations, instilling accountability, and spurring growth.

For more information:  
[www.aileron.org](http://www.aileron.org)  
 937-669-6500

## Citywide Development Corporation

An economic development group investing in the growth of businesses in the Miami Valley region. Citywide Development Corporation has spearheaded the TechTown initiative in Dayton, a small business incubator with state-of-the-art facilities and expertise in technology acceleration and commercialization.

For more information:  
[citywidedev.com](http://citywidedev.com)  
 937-226-0457  
[daytontechtown.com](http://daytontechtown.com)  
 937-853-2539

## Dayton Development Coalition (DDC)

A public-private partnership with a wide range of investors, DDC services 14 counties in Western Ohio through investment into job creation, attracting new businesses, and facilitating access to funding and assets. As a regional network partner of JobsOhio, DDC provides access to numerous state incentives aimed at benefiting businesses of all sizes.

For more information:  
[daytonregion.com](http://daytonregion.com)  
 800-241-2469

## Ohio Dream It. Do It.

As part of the Manufacturing Institute's national network, Ohio Dream It. Do It. Works to close the skills gap and change perceptions towards careers in manufacturing through initiatives like ambassador programs, manufacturing day, and manufacturing month.

For more information:  
[dreamitdoitohio.org](http://dreamitdoitohio.org)

## JobsOhio

A private non-profit organization focused on attracting capital investment and new business to the State of Ohio. While mainly focused on acquisition, JobsOhio provides Workforce Grant funding specifically for improvement of worker skills and abilities in the state.

For more information:  
[jobs-ohio.com/why-ohio/incentives](http://jobs-ohio.com/why-ohio/incentives)

## Ohio Department of Higher Education (ODHE)

ODHE is making strategic investments for cooperative education and internship programs through its Ohio Means Internships and Co-op programs. The investments work to expand existing businesses, attract new investment, and develop the talent pipeline. Educational institutions partner with local business to identify opportunities for internships and co-ops

ODHE collaborates with Ohio TechNet, a consortium of 11 community colleges, employers, and workforce partners statewide addressing the skills gap by developing targeted manufacturing training programs for transitioning adults.

For more information:  
[OhioMeansInternships.com](http://OhioMeansInternships.com)  
[OhioHigherEd.org/omic](http://OhioHigherEd.org/omic)  
[ohiotechnet.org](http://ohiotechnet.org)

## Ohio Department of Job and Family Services

### Office of Workforce Development (OWD)

OWD manages programs to help businesses find good employees, funds job training to improve the quality of Ohio's workforce, and administers tax credits to businesses hiring certain eligible workers.

[jfs.ohio.gov/owd/Employers/index.stm](http://jfs.ohio.gov/owd/Employers/index.stm)

### Ohio State Apprenticeship Council

Ohio State Apprenticeship Council manages Ohio's Registered Apprenticeship programs. Ohio has more than 1,100 registered apprenticeship programs in fields as diverse as construction, energy, health care, manufacturing, and utilities.

[jfs.ohio.gov/owd/apprenticeship/index.stm](http://jfs.ohio.gov/owd/apprenticeship/index.stm)

### OhioMeansJobs (OMJ)

OMJ is a state program administered through the Department of Jobs and Family Services, OMJ assists employers with employee recruitment, job training, and networking. OMJ has funding opportunities for training employee training, supports a statewide internship and co-op program, and also facilitates career workshops and events.

OMJ now has a Workforce Supply tool that can be used by businesses to identify the number of skilled workers available in key occupations on an annual basis. Employers may also use the tool to identify the relative earnings, and most critically - obtain specific contact information for educational programs that train individuals.

[workforcesupply.chrr.ohio-state.edu](http://workforcesupply.chrr.ohio-state.edu)

# INDUSTRY SECTOR PARTNERSHIPS: WHAT THEY ARE AND WHY THEY WORK

Industry Sector Partnerships are a proven workforce development strategy that put employers in the driver's seat and have demonstrated effectiveness across the country. Manufacturers within a regional labor market work together to influence alignment around common solutions with education and training, economic and workforce development, and community organizations.

## EFFECTIVE INDUSTRY SECTOR PARTNERSHIPS:

- **Identify common issues**, challenges and opportunities across individual employers;
- **Collectively** address the priority needs of industry;
- **Communicate industry priorities** to policy makers and workforce development partners, enabling them to design responsive solutions;
- Address current and emerging **skill gaps**, both short- and long-term;
- Provide a means to engage directly with industry **across traditional boundaries**;
- **Better align** programs, education/training curriculum and other resources serving employers and workers.

## KEY COMPONENTS:

- **Led by employers** – to ensure the system is truly demand-driven and will lead to better outcomes for individuals
- **Focused on a single industry** – to allow employers to connect with peers from their own industry, identify needs beyond basic workplace skills, and dive deeply into the technical needs of the industry
- **Regional** – to address unique needs of subsectors while reflecting the true dynamics within a regional economy
- **Convened by a neutral intermediary** – to align all relevant partner programs and resources as solutions to identified industry needs

## BENEFITS TO MANUFACTURERS:

- Systems change in response to business needs
- Reduced duplication and system inefficiencies
- Maximized resources and services
- Results in more streamlined services
- Helps manufacturers fill jobs more quickly
- Creates a pipeline of future workers
- Builds career pathways with seamless transitions from one educational stepping stone to another
- More powerful voice
- Influence training programs
- Impact policy
- Attract funding
- Mechanism for ongoing feedback loop with various education, training and workforce programs
- Better results (placement, earnings/benefits, retention, productivity)
- Firm-to-firm networking

