

Arizona Manufacturing Partnership – An Executive Overview



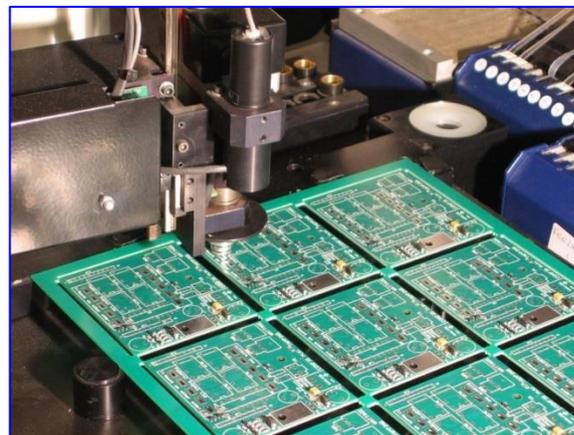
Developing a strong workforce in Arizona is critical to the sustained growth of our economy. When business investments are strong, the multiplier effect ripples across Arizona, creating new jobs and growth. Unfortunately many of the State's business sectors are growth-limited due to a lack of trained and available workers. The problem is magnified by the pending retirement of a significant portion of the workforce. According to a [2014 Manufacturing Skills and Training Study](#) conducted by the Manufacturing Institute, 80% of executives reported a moderate to severe shortage of highly skilled workers. As a result, manufacturers may be losing up to 11% net earnings annually. In 2013 Arizona manufacturers accounted for 80% of the total state exports (\$15.6 billion, US

Dept. of Labor data), while at the same time providing average annual wages of \$80,431. To retain and attract new industry, it is vitally important to close these skills and resource gaps.

In response to this challenge and as an outcome of an Arizona Commerce Authority sponsored Aerospace & Defense Summit, the [Arizona Manufacturing Partnership](#) (AMP) was established in 2013. In a very short time AMP has become the voice of the Arizona manufacturing community focused on addressing these skills and resource gaps. AMP operates as a 501(c) 3 under the Arizona Chamber Foundation and is aligned and endorsed by national organizations including the National Association of Manufacturers, the Manufacturing Institute and others.

AMP Goals

- **Promote the world-class image of Manufacturing**
- **Encourage Arizona's educational system to prepare students to earn nationally recognized, industry-validated credentials**
- **Serve as the liaison between Manufacturing needs and Education articulation**



Contacts:

Malcolm Green, AMP Executive Director, Malcolm.Green@amparizona.com

Dante Fierros, AMP Chair and President, Nichols Precision, Dante@nicholsprecision.com

Website: <http://amparizona.com>



AMP's Unique Approach:
An Industry-Led Initiative
Building Statewide Partnerships With Industry, Education and Government

AMP has established a statewide network of partners committed to building a stronger talent pipeline for Arizona's manufacturing employers. Major partners include:

- **State Industry associations** such as Arizona Tooling and Manufacturing Association (ATMA), Southern Arizona Manufacturing Partners (SAMP), Northern Arizona Manufacturing Partnership (NAMP), Northern Arizona Manufacturing Association (NAMA) and Kingman and Mojave Manufacturing Association (KAMMA).
- **Educational partners** including Arizona Dept. of Education, Association for Career Technical Education of Arizona, Maricopa Educational Authority, Joint Technical Education Districts, community colleges and universities.
- **State and local workforce/economic development organizations** including Arizona Chamber of Commerce, Arizona Commerce Authority, Arizona@Work, Arizona Department of Economic Security, Arizona Workforce Council and others.

AMP also participates on board and council memberships including the National Association of Manufacturers, Workforce Arizona Council, Arizona Commerce Authority/RevAz and Arizona Tooling and Manufacturing Association.

Highlights and Accomplishments:

Through close collaboration with our partners, AMP is successfully leading regional and statewide efforts to develop pathways to employment including not just education but also apprenticeship and internship training programs. AMP is now poised and able to champion similar workforce development efforts with other industry groups in Arizona. Recent highlights include:

- In 2015, selected by Maricopa Community Colleges to launch and deliver the Manufacturing Institute's **Dream It Do It** manufacturing awareness campaign to area schools and employers.
- In 2015, obtained grant funding to procure **EduFactor**, a STEM awareness and teaching plan benefiting 40 high schools throughout the State. For details, see <http://edufactor.org/>.
- Since Jan 1, 2015, presented or met with more than 500 companies and education groups. Also participated in multiple school career days and met with educators, students and parents.
- In 2014, helped coordinate and secure \$250K in grant funding to finance Cox's EdgeFactor and Launchpoint TV shows showcasing available high-tech manufacturing jobs.
- Since Sep 2014, grew AMP's membership to 112 members, representing employers, state industry associations, state educational organizations, and state workforce and economic development organizations.

Contacts:

Malcolm Green, AMP Executive Director, Malcolm.Green@amparizona.com
Dante Fierros, AMP Chair and President, Nichols Precision, Dante@nicholsprecision.com

Website: <http://amparizona.com>