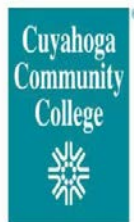




Achieving the Dream™

# ADVANCED MANUFACTURING PARTNERSHIPS

Cuyahoga Community College  
Corporate College East  
4400 Richmond Road  
Warrensville Heights, OH 44128  
November 30, 2016





# ADVANCED MANUFACTURING

## Achieving the Dream

Achieving the Dream is a comprehensive non-governmental reform movement for student success. Together with our network of higher education institutions, coaches and advisors, state policy teams, investors and partners, we are helping more than four million community college students pursue better economic opportunities and achieve their dreams.

# ADVANCED MANUFACTURING



**ARCONIC  
FOUNDATION**

The mission of Arconic Foundation is to advance science, technology, engineering, and math (STEM) education and training worldwide, with a special emphasis on engaging and creating access for underrepresented and underserved groups.

Program Manager: Ryan Kish

# ADVANCED MANUFACTURING

## Advanced Manufacturing Initiative

Five activities and deliverables:

*1. Convening*

*2. Surveys*

*3. Work Plan*

*4. Resource Guide*

*5. Employer Engagement Guide*

# ADVANCED MANUFACTURING

## Convening:

- Colleges, Employers and Community Stakeholders (e.g., Chamber of Commerce, Employment Service, K-12, Workforce Development Boards, American Job Centers, faith-based organizations).
- Discuss manufacturing employers' skill needs and current gaps in training



# ADVANCED MANUFACTURING

## Surveys:

- Follow-up from convening to gather more information to support work plan development



# ADVANCED MANUFACTURING

## Work Plan:

- Align community college programs with employer needs to build a talent pipeline for manufacturing.
- Strategies to recruit underserved populations (young adults ages 18-24, African American adults age 24+, and veterans).



# ADVANCED MANUFACTURING

## Resource Guide:

- Assist employers and colleges to understand how resources such as the public workforce system can be leveraged to help train potential and incumbent workers in manufacturing careers







# TODAY'S AGENDA

- 8:15 a.m. Regional Initiatives in Advanced Manufacturing**
- 9:10 a.m. Break**
- 9:20 a.m. Addressing the Gaps and Prioritizing Workforce Needs**
- 10.00 a.m. Priorities for Industry/College Collaboration**
- 10:30 a.m. Break**
- 10:40 a.m. Solutions: Action Planning for Improving Partnerships in Advanced Manufacturing**
- 11:10 a.m. Moving Toward Consensus on Action Steps**
- 11:45 a.m. Wrap-up/Next steps**
- 12:00 p.m. Adjourn (box lunch provided)**

# REGIONAL WORKFORCE INITIATIVES

- National/State
- Education/Colleges
- Regional
- Companies

# WHAT ARE THE NEEDS/GAPS?

- Technical skill gaps
- “Soft” skill needs
- Employer engagement and leadership
- Marketing and recruitment
- Credentials and their value
- Quality of community college programs
- Industry partnership management
- Others?

# PRIORITIES FOR TRI-C

- What are the top priorities for addressing advanced manufacturing talent needs?
- Which of these priorities can the community college help address?
  - #1
  - #2
  - #3
  - etc.

# SPECIFIC TALENT PIPELINE SOLUTIONS

- What can the college and employers work on together to improve the talent pipeline in advanced manufacturing?
  - Immediately?
  - In the longer run?
- Will the proposed activities build upon existing partnership work? Or will it be something new?



# WRAP UP

- What are the next steps?
- Who will be responsible for creating the project work plan?