2018 Year-End Highlights

The Manufacturing Skills Institute (MSI) is marshaling every available resource and partner in education, workforce development, manufacturing and government to build the workforce of today and tomorrow through effective collaborations to:

- Elevate the image of manufacturing production occupations.
- Increase the pool of qualified workers through industry credentials, such as the MS and MT1© Certifications.
- Reduce the cost of hiring and employee turnover.
- Build manufacturing capacity and workforce pipeline to increase the economic vitality of communities and states.
- Increase the industrial training capacity of academic (K-14) and workforce partners.

Outreach and Awareness: The Virginia Career Exploration (VACE) Network is focused on improving the image of careers in manufacturing and providing access to career pathways in modern manufacturing.

DIDIVA Manufacturing Technology Summer Camps

- New Virginia Career Exploration Website launched in August 2018, which features advanced career exploration in ALL DOE clusters
- 3 New Educational Programs Developed and Facilitated
- DIDIVA featured at Mission Tomorrow and Philip Morris Workforce Symposium

2018 VMA Workforce Partner of the Year

Community College Workforce Alliance

Dr. Joe Ashley was awarded the 1st Annual MSI Fellow Award
November 13, 2018

CPID has 324 individuals that are pursuing careers in Advanced Manufacturing, IT and Logistics. Activity highlights include: Demand side meeting, Tours/trainings, Accessibility benchmark systems, Credential Fair and countless presentations.

For more information contact: Antonya Hurt - 804-665-2353

Career Pathways for Individuals with Disabilities

Microsoft & MSI have partnered up to provide you the very best Microsoft offers at a great price. Learn More Today!
Training and Certification: More than 65% of the annual job openings in Virginia’s manufacturing sector are occupations which require more than a high school diploma but less than a 4-year degree. The VMA’s Manufacturing Skills Institute (MSI) focuses its world-class training and certification programs on the technical skills required for those middle skill occupations.

MSI Footprint

134 Academic & Workforce Partners

increasing access to industry credentials

Funding Resources:
GI Bill benefits, Workforce Investment and Opportunity Act (WIOA) funds, Perkins Funding, NSW Economy Workforce Credential Grant Fund, Plugged In VA, Workers Opportunity and Refraining Tax Credits, SOT Tax Credit.

MSI Partner Highlight

The Community College Workforce Alliance (CCWA) put 171 students through their MT1 program

MSI Workforce Solutions

- Safety
- Production
- Career Awareness
- Professional Development
- Energy
- Lean

Business Certification
Certified Industrial Energy Auditor (CIEA)
ChemTech
Career Pathways (CPID)
Virginia Career Explorer (VACE)
Industrial Hygiene Training (IHT)
Industrial Safety Readiness Training (ISRT)
Manufacturing Online Courses (1600 Customizable)
Manufacturing Specialist (MS)
Manufacturing Technician Level 1 (MT1®)
Pre Manufacturing Technician Level 1 (PMT1)
PSP - Behavioral Assessments
VA Craft: Brewers Guild Quality & Safety (VGBQS)
World Class Manufacturing (WCM)

MSI Workforce Solutions: Industry Credentials

Primary Credentials: Manufacturing Technician Level 1 (MT1®), Manufacturing Specialist (MS), Industrial Safety Readiness Training Certificate (ISRT)

2,386 Certificates Awarded
28 Trainers Trained
19,323 Safety Courses Viewed Online

Our Academic and Workforce partners offer MSI Workforce Solutions through their training programs and enhance access to industry credentials to respond to the needs of manufacturers in their regions.

- High Schools
- Middle Schools
- Technical Centers
- Community Colleges
- Universities
- One Stop Centers
- Workforce Training Centers
- Libraries
- Vocational Rehabilitation Training Centers
MSI Academic and Workforce Partners in Virginia

- Workforce Training Centers - 7
- Middle Schools - 5
- High School and/or Technical Centers - 78
- Post-Secondary Institutions - 32

Safety "Gold" Awards

1. Aegis Environmental
2. Aggreko
3. Arrowhead Environmental Carlton Scale
4. Cooper & Claiborne Construction
5. Cranemasters, Inc.
6. Emlex Construction
7. Four Square Industrial Contractors
8. Gallaghers Lawn Service Insulation
9. Specialties, INC ISI
10. Old Dominion Insulation
11. Rudy L. Hawkins Electrical Contractor
12. Scaffolding Solutions
13. SW Funk Industrial Contractors
14. TEAM Industrial Services
15. Technical Foundations
16. Thompson Industrial Services - Hopewell
17. Timmons Group
18. Total Safety

The First Annual Chairman's Award was issued to S.W. Funk Industrial Contractors

MSI Learning Network

- Total Courses 114 ~ Total Users 1,579 ~ Active Users 1,496
- A few of the innovations offered by the MSI Learning Networks include:
  - 24/7 support for trainers
  - Online training for trainers and administrators
  - Dashboards to track individual learning progress
  - Course improvements related to manufacturing training
  - Access to over 1,600 computer-based training courses
  - Instant Test Results with Breakdown by area

MSI Partner Highlight

In 2018 CCWA announced training & certification opportunities for the military community. They partnered with Altria and The Virginia Department of Veterans Services. They offered two free Manufacturing Technician Level 1 (MT1) certification courses as part of its summer 2018 programming. This was open to all active duty and transitioning service members, as well as their spouses.

Sparkhire http://www.findtrainhire.com

Contact

www.manufacturingskillssubstitute.org
www.dreamitdoitvirginia.com

Dr. Victor Gray
Executive Director
Manufacturing Skills Institute
804-655-2355
vgray@vamanufacturers.com