



2017

ANNUAL REPORT



MSI
WORKFORCE SOLUTIONS

dream it.
DO IT.TM
VIRGINIA



MSI MISSION:

To increase the manufacturing capacity of communities through an established network of MSI Academic and Workforce Partners - to be the premier integrated industrial workforce solution - for everything in workforce development from career exploration to employment.

2017 Year-End Highlights

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.
- Reduce the cost of hiring and employee turnover.
- Increase the pool of qualified workers via industry credentials, such as the MS and MT1® certifications.
- 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 *Dream it. Do it. Virginia* (DIDIVA) 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

15
Camps

\$12,000
SCHOLARSHIPS

235
Students

2017 VMA Workforce Partner of the Year

Central Virginia Community College



CVCC offers the MT1® certification by:

1. Offering the MT1® in a non-credit rapid-train format,
2. A customized program in partnership with the Regional Jail Authority,
3. Integrating the MS and MT1® into a Mechatronics program in coordination with Lynchburg local industry, and
4. Partnering with adult education to offer a career studies certificate.

Save the Date

7th Annual
Workforce Solutions
Symposium

Williamsburg

November 13 & 14, 2018

career
pathways 

for Individuals with Disabilities

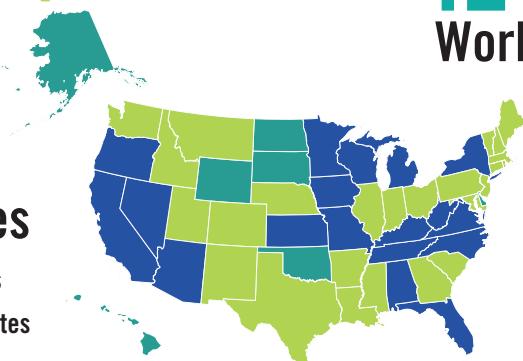
MSI and CPID (Career Pathways for Individuals with Disabilities) received recognition as a Career Pathways Partnership Promising Practice at the 2017 National Career Pathways Network Conference in St. Louis, MO.

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

18 States

- Partner States
- Interested States



124 Academic & Workforce Partners

increasing access to industry credentials

Funding Resources: GI Bill benefits, Workforce Investment and Opportunity Act (WIOA) funds, Perkins funding, NEW Economy Workforce Credential Grant Fund, PluggedIn VA, Workers Opportunity and Retraining Tax Credits, 504 Tax Credit (this list is not exhaustive)

MSI Partner Highlight



The Community College Workforce Alliance (CCWA) doubled Machine Operator Apprenticeships using the MT1® Credential.

MSI Workforce Solutions

This is not an exhaustive list.



- Certified Industrial Energy Auditor (CIEA)
- Dream It. Do It. Career Solutions (DIDIVA)
- 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 (VCBGQS)
- 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)

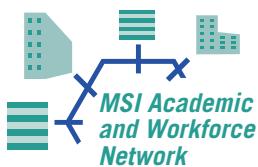
2407
Certificates Awarded

45
Trainers Trained

16,146
Safety Courses Viewed Online



1 of 15 Nationally Recognized Credentials

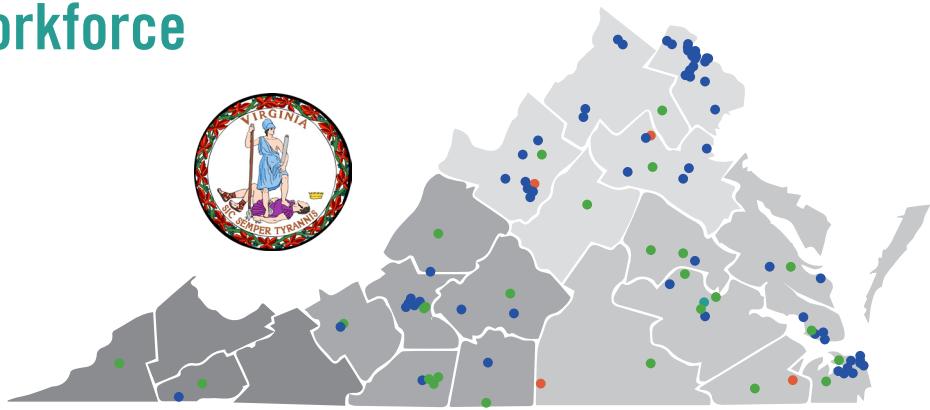


Our Academic and Workforce partners offer MSI Workforce Solutions through their training programs and enhance access to industry credentials to respond to the needs of manufacturers in their regions.

- 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 - 2
- High Schools and/or Technical Centers - 73
- Post-Secondary Institutions - 24



MSI Associate Partners

For more information on Associate Partners, visit manufacturingskillsinstitute.org

- Hopewell/Prince George Chamber of Commerce
- OpX Solutions
- Sparkhire
- Stilwell Technology & Robotics
- Spectra Quest, Inc.
- TCI Solutions
- Thinking Dimensions
- Virginia Community College System
- Virginia Department for Aging and Rehabilitative Services
- Virginia Department for the Blind and Vision Impaired
- Virginia Department of Education
- Workforce Recovery Solutions

MSI Learning Network Launched!



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

MSI Partner Highlight



Wilson Workforce Rehabilitation Center (WWRC) has seen an increase in exploration of the manufacturing field, evaluating 212 students in Production and Manufacturing.

WWRC won the Best Showcase Award of Excellence at the HIRE Ed Conference for their Manufacturing Technology Training (MTT) Program funded by the Career Pathways for Individuals with Disabilities grant.



VR Workforce Studio has been changing perceptions of manufacturing and vocational rehabilitation through their amazing podcasts! Check them out at www.vrworkforcestudio.com

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