



Estimated 10-year costs to hire 66,952 MFG workers, without industry certification pipeline in place. Estimated 10-year costs to hire 66,952 MFG workers, with industry certification pipeline 2016

Industry certifications (like the ones provided by MSI) can

cut the costs of Virginia industry to hire MFG workers over the next decade by  $50\%^5$ >> RETRAINING COST SAVINGS >> PROCESS IMPROVEMENT SAVINGS

public libraries, universities and career and technical education centers. The MSI provides access to training programs, manufacturing capacity of communities throughout the United States.



The Manufacturing Technician Level 1 (MT1) is the MSI's flagship credentialing program. It provides a proven return on value/investment for manufacturers by reducing employer hiring costs, increasing enhancing the baseline skills of existing workers to increase



incumbent worker retraining cost

Industry certifications can reduce



million cost-avoidance generated by 30 corporate process improvement projects

## **Interested States**

TN, NY, OH, WI, CA, AL, LA, SC, TX, MN, PA, NJ, IL, MD, IN, OH, MA, WA, CT, NG, MD, MS, UT, NM, NE

## Micron

MT1 Certification Real World Results

non-risk assessed savings MT1 provided skills for employees to stay competent

overtime and lost productivity. Employees participating are more

knowledgeable and confident in manufacturing operations. Improved hiring,

on-boarding and job specific training has translated into improved safety

and relevant, a means for continuous training of Production Staff & minimized turnover MT1 certification used as a hiring requirement, provided

Memory and storage solutions company maximized manufacturing efficiency

MT1 training statistics and on-the-job training profiles Industry credentials simplify the hiring process and they save us money in

- DuPont Protection Systems, Richmond, VA



MT1 training program to increase technical skills of current workforce to support a \$6 million company expansion

Packaging and containers supplier used a custom



Increased computer literacy through



(instructor-led and online)

blended training delivery format

post MT1 training

## **PhilipMorrisUSA**

Cigarette manufacturer created a recruitment and training process to address expected retirement of key workers in the current workforce and would use the MT1 certificate program as its hiring pipeline



roduction Team Leadership and Human

average skills improvement

post MT1 training

Resources are working together to create new hiring policies and career advancement opportunities based on the MT1 certificate



performance and productivity







Sources

DeLoitte, The Skills Gap in US Manufacturing, http://www.themanufacturinginstitute.org/~/media/827DBC76533942679A15EF7067A704CD.ashx, 2015.

VEC, VA Job Vacancy Survey, https://virginialmi.com/content/pdfs/VEC%202016\_FINALE\_June%2020.pdf, 2016.

DeLoitte, The Skills Gap in US Manufacturing, http://www.themanufacturinginstitute.org/~/media/827DBC76533942679A15EF7067A704CD.ashx, page 13, 2015.

Manufacturing Institute, http://www.themanufacturinginstitute.org/Research/Public-Perception-of-Manufacturing/~/media/F791549028A34738AEEAED9BC8107338.ashx, 2014. <sup>5</sup> Manufacturing Skills Institute, www.costofahire.com, 2016.