# **CERTIFIED MANUFACTURING ASSOCIATE (CMfgA)**



### CERTIFICATION

#### DEVELOP THE SKILLS NECESSARY FOR A SUCCESSFUL **CAREER IN MANUFACTURING**

The Certified Manufacturing Associate training program helps prepare dislocated workers, underemployed individuals, veterans, and more start a new career in manufacturing. The 25-class online training program from Tooling U-SME can be bundled with the nationally recognized Certified Manufacturing Associate credential. This training program prepares individuals for high-demand, entry-level careers including assemblers, manufacturing associates, and production operators. It can also be used by manufacturers as an effective onboarding program for new employees.

#### SHORT-TERM, COMPREHENSIVE TRAINING

Online classes from Tooling U-SME provide the best manufacturing content developed by industry experts. The information is presented in an engaging and interactive format for maximum effectiveness, and pre-and post-assessments measure a student's increased knowledge.

Classes are self-paced, typically taking 60 minutes to complete. The 25-class training program will help employees prepare for the certification exam. They are conveniently accessible anytime, anywhere on desktops and laptops, and on tablets and phones with the Tooling U-SME app.

#### **BUILD A COMPREHENSIVE** FOUNDATION OF KNOWLEDGE

This program introduces basic concepts in the areas needed for a successful career as a Certified Manufacturing Associate:

- Additive Manufacturing
- Blueprint Reading
- CNC
- Inspection
- Lean
- Math Fundamentals

#### EARN A NATIONALLY **RECOGNIZED CERTIFICATION**

The SME Certified Manufacturing Associate (CMfgA) credential demonstrates that an individual has foundational manufacturing knowledge and may be an ideal candidate for entry-level employment. It is the first step toward a lifelong career in an industry where there is opportunity for advancement and well-paying jobs.

sme.org/cmfga





To begin your training program or for more information, contact us at 608-240-1740 or info@wmep.org

Robotics Safety

Quality

Measurement

and Inspection

- Troubleshooting

Choose a starting point based on employee's experience or company goals for a quick-start training solution.

## **CERTIFIED MANUFACTURING ASSOCIATE** (CMfgA)

## CERTIFIED MANUFACTURING ASSOCIATE TRAINING PROGRAM

#### Suggested order to complete the 25-online courses:

Introduction to CNC Machines Introduction to Robotics Introduction to Assembly Introduction to Additive Manufacturing Tools for Threaded Fasteners

5S Overview Lean Manufacturing Overview Quality Overview Troubleshooting Blueprint Reading

Basic Measurement Units of Measurement Math Fundamentals Math: Fractions and Decimals Basics of Tolerance Intro to OSHA Ergonomics Personal Protective Equipment Hand and Power Tool Safety Fire Safety & Prevention

Bloodborne Pathogens Safety for Assembly Robot Safety Lockout/Tagout Procedures SDS and Hazard Communication

💠 TOOLINGU | SME



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