CERTIFIED MANUFACTURING ASSOCIATE

Comprehensive Training Program

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 can be completed in less than a few weeks. 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
- Measurement and Inspection
- Quality
- Robotics
- Safety
- Troubleshooting

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 workforce@ceg.org
CERTIFIED MANUFACTURING ASSOCIATE TRAINING PROGRAM

Complete Class List

- Introduction to Additive Manufacturing 111
- Introduction to CNC Machines 201
- Introduction to Assembly 101
- Safety for Assembly 211
- Tools for Threaded Fasteners 235
- Basic Measurement 101
- Basics of Tolerance 121
- Blueprint Reading 131
- 5S Overview 151
- Troubleshooting 181
- Quality Overview 111
- Introduction to Robotics 201
- Robot Safety 211
- Bloodborne Pathogens 161
- Intro to OSHA 101
- Ergonomics 102
- Personal Protective Equipment 111
- Lockout/Tagout Procedures 141
- SDS and Hazard Communication 151
- Hand and Power Tool Safety 201
- Fire Safety and Prevention 181
- Math Fundamentals 101
- Math: Fractions and Decimals 111
- Units of Measurement 112
- Lean Manufacturing Overview 101

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