LEARNING PLANS FOR MANUFACTURING JOB ROLES

Online Training from MACNY and Tooling U-SME offers a quick-start, progressive road map that allows manufacturers to build career paths for employees. This online training is intended to enhance your existing on the job training, to create a job progression plan and requires minimal preparation. It is efficient, effective training that has been developed with input from manufacturing experts.

FLEXIBLE AND CONVENIENT

Online classes are self-paced, typically taking 60 minutes to complete. They are easily and conveniently accessible on desktops and laptops, and on tablets and phones with the Tooling U-SME app.

QUALITY TECHNICIAN

- Advanced Hole Inspection
- Basic Measurement
- Baseline of Tolerance
- Blueprint Reading
- Calibration and Documentation
- Calibration Fundamentals
- Hole Standards and Inspection
- In-Line Inspection Applications
- Inspecting a Cylindrical Part
- Inspecting a Prismatic Part
- Inspecting with CMMs
- Inspecting with Optical Comparators
- Introduction to GD&T
- Major Rules of GD&T
- Surface Texture and Inspection
- Thread Standards and Inspection
- SS Overview
- Lean Manufacturing Overview
- SPC Overview

- Essentials of Heat Treatment of Steel
- Ferrous Metals
- Hardness Testing
- Introduction to Mechanical Properties
- Band Saw Operation
- Basic Cutting Theory
- Cutting Processes
- Introduction to Metal Cutting Fluids
- Metal Cutting Fluid Safety
- Overview of Machine Tools
- ISO 9001 Review
- Bloodborne Pathogens
- Fire Safety and Prevention
- Hand and Power Tool Safety
- Intro to OSHA
- Lockout/Tagout Procedures
- Noise Reduction and Hearing Conservation

- Personal Protective Equipment
- Powered Industrial Truck Safety
- Safety for Lifting Devices
- SDS and Hazard Communication
- Walking and Working Surfaces
- Geometry: Circles and Polygons
- Geometry: Lines and Angles
- Geometry: Triangles
- Math Fundamentals
- Math: Fractions and Decimals
- Trigonometry: Sine, Cosine, Tangent
- Units of Measurement

To begin your training program or for more information, call Eileen Donovan, Workforce Development Specialist, at 315.474.4201, ext. 22 or email edonovan@macny.org.