LEARNING PLANS FOR MANUFACTURING JOB ROLES

Online Training from the Center for Economic Growth 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.

COMPOSITES PROCESSING FUNDAMENTALS

- Advanced Materials for Composites
- Advanced Thermoset Resins for Composites
- Composite Inspection and Defect Prevention
- Intro to Compression Molding
- Intro to Lay-up and Spray-up Molding
- Overview of Composite Processes
- Repair Methods for Composites
- Safety for Composite Processing
- Surface Finishing Composites
- Traditional Composites
- Vacuum Bagging Technique: Single-sided Bagging
- Basic Measurement
- Basics of Tolerance
- Blueprint Reading
- Calibration Fundamentals
- Hole Standards and Inspection
- Thread Standards and Inspection
- SS Overview
- Lean Manufacturing Overview
- Introduction to Composites
- Introduction to Mechanical Properties
- Band Saw Operation
- Cutting Processes
- 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, contact us at (518) 465-8975 x244 or workforce@ceg.org