Combine job roles for learning pathways, or offer single job roles for targeted learning. Large comprehensive programs are also available.

LEARNING PLANS FOR MANUFACTURING JOB ROLES
Training Packages from Tooling U-SME offer quick-start, progressive road maps in various functional areas that allow manufacturers to build career paths for employees. They are intended to enhance your existing OJT and help you create a job progression plan. Unlike many other training programs, these packages require minimal preparation. They are efficient, effective training, 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.

TRAINING PACKAGES offer:
- Content developed by industry experts
- Accessible anytime, anywhere
- Self-paced
- Predefined curriculum for each job role
- Engaging and interactive content
- Pre- and post-training knowledge assessments
- Access to Tooling U-SME’s Learning Management System (LMS)
- Guidance from our Client Success team, including advice, insights, and ideas built on best practices and years of experience

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

**ASSEMBLER**
- Types of Adhesives
- Coating Defects
- Intro to Coating Composition
- Processes for Applying Coatings
- Surface Preparation for Coatings
- Introduction to Assembly
- Introduction to Fastener Threads
- Overview of Non-Threaded Fasteners
- Overview of Threaded Fasteners
- Safety for Assembly
- Tools for Threaded Fasteners
- Basics of Tolerance
- Blueprint Reading
- Calibration Fundamentals
- Hole Standards and Inspection
- Thread Standards and Inspection
- 5S Overview
- Lean Manufacturing Overview
- Ferrous Metals
- Introduction to Mechanical Properties
- ISO 9001 Review
- Intro to Machine Rigging
- Rigging Equipment
- 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
- Math Fundamentals
- Math: Fractions and Decimals
- Units of Measurement

**ASSEMBLY MECHANIC**
- Basics of the Bonding Process
- Steps for Adhesive Application
- DC Circuit Components
- Electrical Units
- Introduction to Circuits
- Safety for Electrical Work
- Properties for Fasteners
- Fittings for Fluid Systems
- Introduction to Fluid Conductors
- Introduction to Hydraulic Components
- Introduction to Pneumatic Components
- Safety for Hydraulics and Pneumatics
- Introduction to GD&T
- Major Rules of GD&T
- Metrics for Lean
- Troubleshooting
- Introduction to Mechanical Systems
- Lubricant Fundamentals
- Safety for Mechanical Work
- Lifting and Moving Equipment
- Rigging Inspection and Safety
- Geometry: Circles and Polygons
- Geometry: Lines and Angles
- Geometry: Triangles
- Trigonometry: Sine, Cosine, Tangent
- Overview of Soldering

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