

## TURNKEY TRAINING

### CURRICULUM PLANS FOR MANUFACTURING JOB ROLES

Turnkey Training from Tooling U-SME offers a quick-start, progressive road map that allows educators to build curriculum pathways for students. Turnkey Training is intended to enhance your existing hands-on training and help you create a flexible classroom model. Unlike many other curriculum models, Turnkey Training requires minimal preparation and can easily be integrated into your existing classes. It is efficient, effective training that has been developed with input from manufacturing experts.

### FLEXIBLE AND CONVENIENT

Tooling U-SME works with hundreds of educational institutions that utilize our training and development resources to provide successful career pathways for students. Our flexible, consistent, customizable, high-quality classes increase your capacity to conduct hands-on learning. We prepare students with the necessary knowledge and skill requirements to meet the needs of your manufacturing community.

### COMPOSITES PROCESSING FUNDAMENTALS Approximately 3 hours per month

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  
5S 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

### Turnkey Training offers:

- Predefined curriculum for each job role
- Engaging and interactive online classes
- Supplemental videos and a reinforcement task for each class
- Pre- or post-training knowledge assessments
- Access to Tooling U-SME's LMS
- Guidance from our Client Success team, including advice, insights, and ideas built on best practices and years of experience