



## PROFESSIONAL DEVELOPMENT

### LEARNING PLANS FOR MANUFACTURING JOB ROLES

Online Training from Florida Makes 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

Math Fundamentals  
Math: Fractions and Decimals  
Units of Measurement  
Basics of Tolerance  
Blueprint Reading  
Geometry: Lines and Angles  
Geometry: Triangles  
Geometry: Circles and Polygons  
Trigonometry: Sine, Cosine, Tangent  
Basic Measurement  
Calibration Fundamentals  
Hole Standards and Inspection  
Thread Standards and Inspection  
Intro to OSHA  
Personal Protective Equipment  
Noise Reduction and Hearing Conservation  
Lockout/Tagout Procedures  
SDS and Hazard Communication  
Bloodborne Pathogens  
Walking and Working Surfaces  
Fire Safety and Prevention  
Hand and Power Tool Safety

Safety for Lifting Devices  
Powered Industrial Truck Safety  
Introduction to Mechanical Properties  
Lean Manufacturing Overview  
ISO 9001:2015 Review  
5S Overview  
Cutting Processes  
Band Saw Operation  
Introduction to Composites  
Safety for Composite Processing  
Overview of Composite Processes  
Traditional Composites  
Advanced Thermoset Resins for Composites  
Advanced Materials for Composites  
Intro to Lay-up and Spray-up Molding  
Intro to Compression Molding  
Surface Finishing Composites  
Vacuum Bagging Technique: Single-sided Bagging  
Composite Inspection and Defect Prevention  
Repair Methods for Composites

## Online Training offers:

- 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

To begin your training program or for more information, call Florida Makes at 407-450-7206 or email [info@floridamakes.com](mailto:info@floridamakes.com)