



## PROFESSIONAL DEVELOPMENT

### LEARNING PLANS FOR MANUFACTURING JOB ROLES

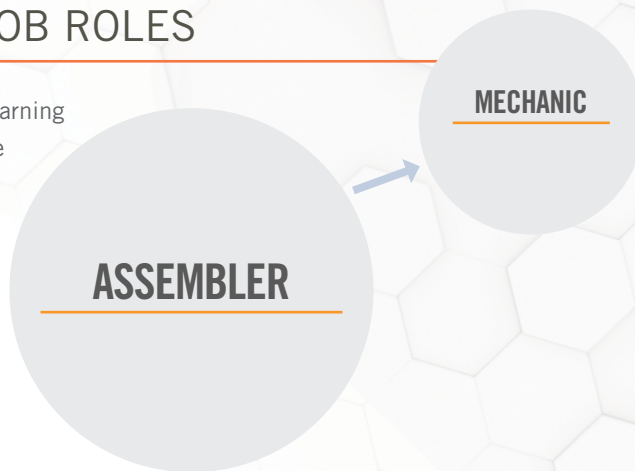
Online Training from Florida Makes and Tooling U-SME offers a quick-start, progressive road map that allows manufacturers to build career paths for employees. This online training is intended to enhance your existing on the job training, to create a job progression plan and requires minimal preparation. 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.

## CAREER PATHWAYS FOR ASSEMBLY JOB ROLES

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



### 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)

## ASSEMBLER

Math Fundamentals  
Math: Fractions and Decimals  
Units of Measurement  
Basics of Tolerance  
Blueprint Reading  
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  
Ferrous Metals  
Lead Manufacturing Overview

ISO 9001:2015 Review  
5S Overview  
Intro to Machine Rigging  
Rigging Equipment  
Types of Adhesives  
Intro to Coating Composition  
Surface Preparation for Coatings  
Processes for Applying Coatings

Coating Defects  
Intro to Assembly  
Safety for Assembly  
Intro to Fastener Threads  
Overview of Threaded Fasteners  
Tools for Threaded Fasteners  
Overview of Non-Threaded Fasteners

## MECHANIC

Geometry: Lines and Angles  
Geometry: Triangles  
Geometry: Circles and Polygons  
Trigonometry: Sine, Cosine, Tangent  
Introduction to GD&T  
Major Rules of GD&T

Troubleshooting  
Metrics for Lean  
Electrical Units  
Safety for Electrical Work  
Introduction to Circuits  
DC Circuit Components

Introduction to Mechanical Systems  
Safety for Mechanical Work  
Safety for Hydraulics and Pneumatics  
Introduction to Hydraulic Components  
Introduction to Pneumatic Components

Introduction to Fluid Conductors  
Fittings for Fluid Systems  
Lubricant Fundamentals  
Lifting and Moving Equipment  
Rigging Inspection and Safety  
Overview of Soldering

Basics of the Bonding Process  
Steps for Adhesive Application  
Properties for Fasteners



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