



PROFESSIONAL DEVELOPMENT

LEARNING PLANS FOR MANUFACTURING JOB ROLES

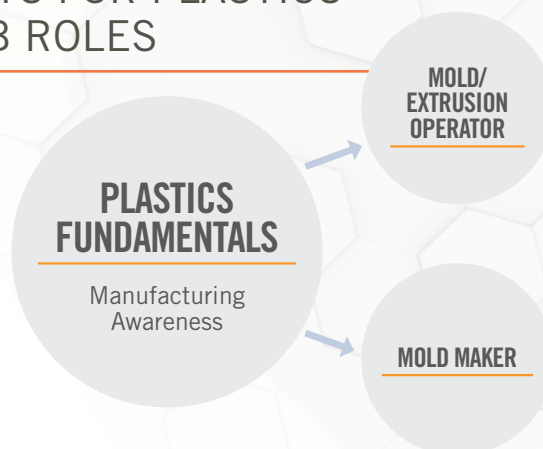
Online Training from Florida Makes and Tooling U-SME offers a quick-start, progressive road map that allows manufacturers to build career paths for employees. This online training is intended to enhance your existing on the job training, to create a job progression plan and requires minimal preparation.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

PLASTICS PROCESSING FUNDAMENTALS

Math Fundamentals	Geometry: Triangles	Thread Standards and Inspection	SDS and Hazard Communication	Powered Industrial Truck Safety
Math: Fractions and Decimals	Geometry: Circles and Polygons	Intro to OSHA	Bloodborne Pathogens	Introduction to Mechanical Properties
Units of Measurement	Trigonometry: Sine, Cosine, Tangent	Personal Protective Equipment	Walking and Working Surfaces	Introduction to Plastics
Basics of Tolerance	Basic Measurement	Noise Reduction and Hearing Conservation	Fire Safety and Prevention	Lean Manufacturing Overview
Blueprint Reading	Calibration Fundamentals	Lockout/Tagout Procedures	Hand and Power Tool Safety	ISO 9001:2015 Review
Geometry: Lines and Angles	Hole Standards and Inspection		Safety for Lifting Devices	5S Overview

MOLD EXTRUSION OPERATOR

Thermoplastics	Safety for Mechanical Work	Introduction to Pneumatic Components	Principles of Injection Molding	Advanced Thermoset Resins for Composites
Thermosets	Forces of Machines	Introduction to Fluid Conductors	Intro to Machine Rigging	Intro to Compression Molding
Electrical Units	The Forces of Fluid Power	Fittings for Fluid Systems	Rigging Equipment	Composite Inspection and Defect Prevention
Safety for Electrical Work	Safety for Hydraulics and Pneumatics	Preventative Maintenance for Fluid Systems	Rigging Inspection and Safety	
Introduction to Mechanical Systems	Introduction to Hydraulic Components		Rigging Mechanics	

MOLD MAKER

Basics of G Code Programming	Classification of Steel	Engine Lathe Basics	Introduction to CNC Machines	Offsets on the CNC Lathe
Basics of the CNC Lathe	Control Panel Functions for the CNC Lathe	Engine Lathe Operation	Locating Devices	Offsets on the CNC Mill
Basics of the CNC Mill	Control Panel Functions for the CNC Mill	Engine Lathe Setup	Machine Guarding	Safety for Metal Cutting
Benchwork and Layout Operations	Coordinates for the CNC Lathe	Holemaking on the Manual Mill	Manual Mill Basics	SPC Overview
Chucks, Collets, and Vises	Coordinates for the CNC Mill	Intro to EDM	Manual Mill Operation	Supporting and Locating Principles
Clamping Basics		Intro to Fastener Threads	Manual Mill Setup	Surface Texture and Inspection



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