

FloridaMakes



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.

ADDITIVE MANUFACTURING FUNDAMENTALS

Introduction to Additive Manufacturing
 Additive Manufacturing Safety
 The Basic Additive Manufacturing Process
 Design for Additive Manufacturing
 Additive Manufacturing Methods and Materials
 Integrating Additive Manufacturing with Traditional Manufacturing
 Additive Manufacturing as a Secondary Process
 Hardness Testing
 Approaches to Maintenance
 Total Productive Maintenance
 Inspecting with CMMs
 Introduction to Physical Properties
 Introduction to Mechanical Properties
 Introduction to Metals
 Classification of Steel
 Essentials of Heat Treatment of Steel
 Ferrous Metals
 Nonferrous Metals

Exotic Alloys
 The Basics of Tolerance
 Blueprint Reading
 Basic Measurement
 Calibration Fundamentals
 Hole Standards and Inspection
 Thread Standards and Inspection
 Surface Texture and Inspection
 Introduction to GD&T
 Math Fundamentals I
 Applied and Engineering Sciences
 Math: Fractions and Decimals
 Units of Measurement
 Manufacturing Process Applications: Part I
 Manufacturing Process Applications: Part II
 Lean Manufacturing Overview
 Continuous Process Improvement:
 Managing Flow
 Continuous Process Improvement:
 Identifying and Eliminating Waste

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



www.floridamakes.com