

TRAINING PACKAGES

LEARNING PLANS FOR MANUFACTURING JOB ROLES

Training Packages from Tooling U-SME offer quick-start, progressive road maps in various functional areas that allow manufacturers to build career paths for employees. They are intended to enhance your existing OJT and help you create a job progression plan. Unlike many other training programs, these packages require minimal preparation. They are efficient, effective training, developed with input from manufacturing experts.

FLEXIBLE AND CONVENIENT

Online classes are self-paced, typically taking 60 minutes to complete. On average, employees can progress through a job role in one year with as little as 4 hours a month spent online.

ADDITIVE MANUFACTURING FUNDAMENTALS Approximately 3 hours per month

Additive Manufacturing as a Secondary Process
Additive Manufacturing Methods and Materials
Additive Manufacturing Safety
Design for Additive Manufacturing
Integrating Additive Manufacturing with Traditional Manufacturing
Introduction to Additive Manufacturing
The Basic Additive Manufacturing Process
Basic Measurement
Blueprint Reading
Calibration Fundamentals
Hole Standards and Inspection
Inspecting with CMMs
Introduction to GD&T
Surface Texture and Inspection
The Basics of Tolerance
Thread Standards and Inspection
Continuous Process Improvement: Identifying and Eliminating Waste

Continuous Process Improvement: Managing Flow
Lean Manufacturing Overview
Total Productive Maintenance
Classification of Steel
Essentials of Heat Treatment of Steel
Exotic Alloys
Ferrous Metals
Hardness Testing
Introduction to Mechanical Properties
Introduction to Metals
Introduction to Physical Properties
Nonferrous Metals
Approaches to Maintenance
Applied and Engineering Sciences
Manufacturing Process Applications: Part I
Manufacturing Process Applications: Part II
Math: Fractions and Decimals
Math Fundamentals
Units of Measurement
Approaches to Maintenance

Training Packages offer:

- 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