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

- 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