FORMING, FABRICATING, STAMPING

MANUFACTURER'S EDGE

PROFESSIONAL DEVELOPMENT

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. They are easily and conveniently accessible on desktops, laptops, tablets and phones.

CAREER PATHWAYS FOR FORMING, FABRICATING AND STAMPING JOB ROLES

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

> FORMING, FABRICATING

& STAMPING

FUNDAMENTALS

PRESS OPERATOR

MANUFACTURER'S

National

EDGE

Online Training offers:

- Content developed by industry experts
- Accessible anytime, anywhere
- Self-paced

DIEMAKER

- Predefined curriculum for each job role
- Engaging and interactive content
- Pre- and post-training knowledge assessments
- 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, contact us at **303.709.9054** or visit **https://manufacturersedge.com/tooling-u/**

FORMING, FABRICATING, STAMPING

STAMPING/FORMING/FABRICATING FUNDAMENTALS

Ferrous Metals

Band Saw Operation

Bloodborne Pathogens

ISO 9001 Review

Troubleshooting

Bending Fundamentals

Lean Manufacturing Overview

Introduction to Mechanical Properties

Introduction to Physical Properties

Basic Measurement Basics of Tolerance Blueprint Reading Calibration Fundamentals Hole Standards and Inspection Thread Standards and Inspection 5S Overview

PRESS OPERATOR

Electrical Units Introduction to Circuits Introduction to Hydraulic Components Introduction to GD&T Major Rules of GD&T Total Productive Maintenance

DIEMAKER

Basic Grinding Theory Basics of the Cylindrical Grinder Basics of the Surface Grinder Cylindrical Grinder Operation Dressing and Truing Grinding Ferrous Metals

Die Bending Operations Operating the Press Brake Press Brake Components

Introduction to Mechanical Systems

Grinding Nonferrous Materials Grinding Processes Grinding Safety Grinding Variables

Grinding Wheel Geometry

Grinding Wheel Materials

Introduction to Grinding Fluids Setup for the Cylindrical Grinder Setup for the Surface Grinder Surface Grinder Operation Calculations for Programming the Mill Canned Cycles for the Mill

Fire Safety and Prevention

Intro to OSHA

Conservation

Press Brake Safety

Press Brake Specifications

Coil Handling Equipment

Coil Loading Procedures

Die Components

Approaches to Maintenance

Hand and Power Tool Safety

Lockout/Tagout Procedures

Noise Reduction and Hearing

Personal Protective Equipment

Powered Industrial Truck Safety Safety for Lifting Devices SDS and Hazard Communication Walking and Working Surfaces Geometry: Circles and Polygons Geometry: Lines and Angles Geometry: Triangles

Die Cutting Variables

Press Basics

Stamping Safety

Die Setting Procedures

Monitoring Press Operations

Punch and Die Operations

Manufacturing Process Applications: Part I Math Fundamentals

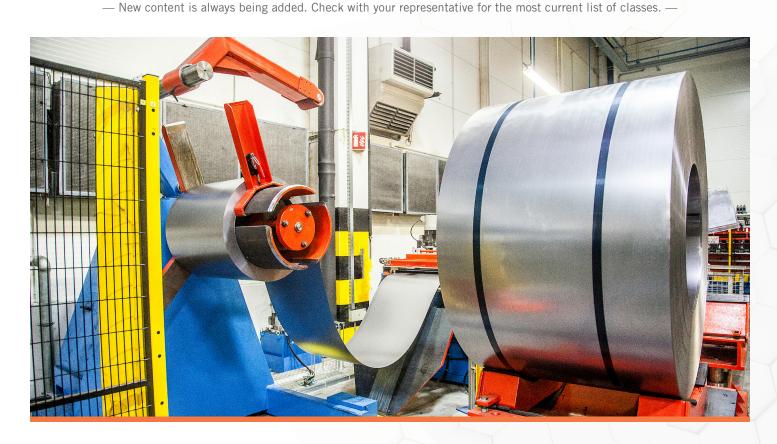
Math: Fractions and Decimals Trigonometry: Sine, Cosine, Tangent Units of Measurement

Essentials of Communication Essentials of Leadership Introduction to Workholding Supporting and Locating Principles

Speed and Feed for the Mill

Material Tests for Welding

Creating a CNC Milling Program Holemaking on the Manual Mill Basic Cutting Theory Carbide Grade Selection Cutting Tool Materials Speed and Feed for the Lathe



National Network



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