

METALFORM

TRAINING ANYTIME, ANYWHERE



METALFORM
EDU

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COURSE CATALOG

Course name

Course category

Metallforming / Press Shop Operator Training

Language

-Any-

Estimate Time (Hrs.)

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PMA-1001 Introduction to Metal Stamping

In stamping, a stamping press is used to make a variety of small or large parts. In this module, you'll learn about the stamping press and become familiar with some key stamping terms. You'll ...

Category: Press Shop Operator Training

Language: English

Estimate Time (Hrs.): 0.9



PMA-1002 Stamping Presses

In this course, you will learn about two different types of presses: a gap frame press and a straight side press. You will discover the various components of each type of press and how the basic ...

Category: Press Shop Operator Training

Language: English

Estimate Time (Hrs.): 0.9



PMA-1003 Press Specifications

This course explains how to read the press data sheet of the press. You will learn about the two types of specifications and how to interpret each line of information ...

Category: Press Shop Operator Training

Language: English

Estimate Time (Hrs.): 0.9

Eliminate the Skills Gap with METALFORM EDU



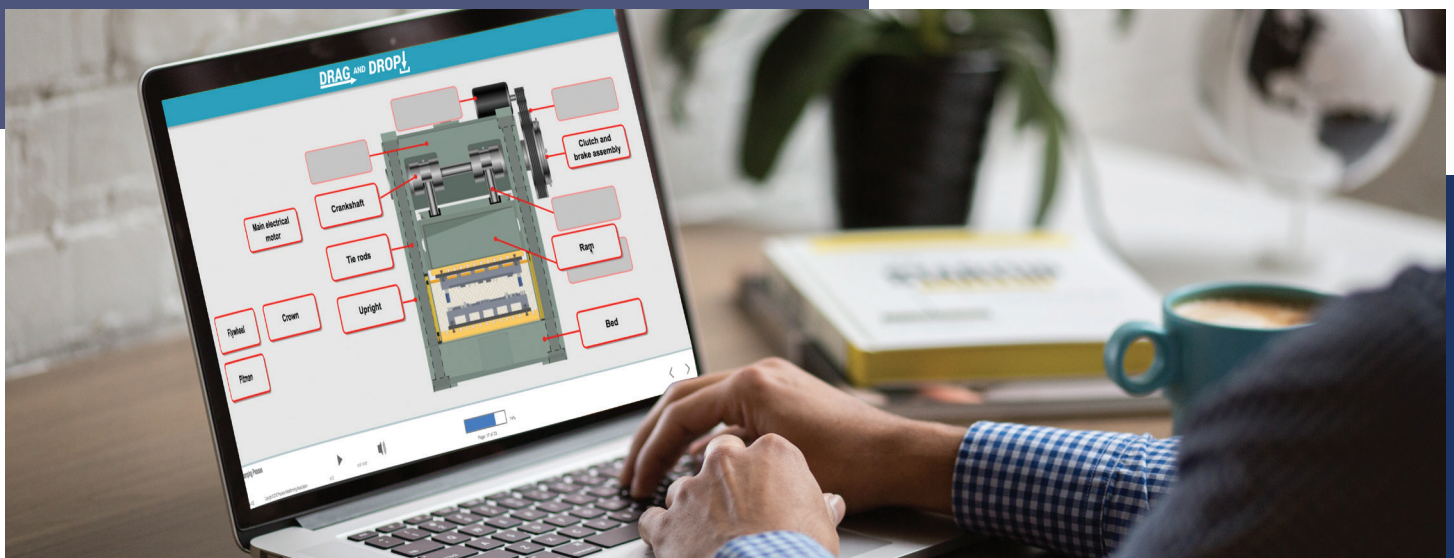
The future of the metalforming industry will rely on your ability to be adaptable, flexible and innovative in today's rapidly changing market. You've told us that the largest challenge in our industry is attracting and retaining skilled, technical roles. PMA can help. Taking a proactive approach to training with **METALFORM EDU** equips your current and incoming employees with the ability to skill, reskill or upskill fast! For new employees, they can move from the "door to floor" with the knowledge in record time.

Designed to help you competently train your employees in a one-stop shop, **METALFORM EDU** provides access to more than 845 unique, industry-specific courses and foundational skill lessons specifically for the metalforming industry at your fingertips. Metalforming, precision measurement, blueprint reading, SPC, CNC, Six Sigma, lean manufacturing, safety, foundational skills and more are all readily available to help your employees thrive.

PMA made a significant investment in developing modern online courses, in partnership with adult learning and development experts, and instructional designers. All courses include a study guide, interactive content with narration, simulations and activities, and a final graded assessment. PMA also ensured that our technical courses are aligned with the appropriate NIMS Skills Standards.

METALFORM EDU includes access to PMA-exclusive content on die protection, die setting, metal spinning, press brake operations, press shop operations, lockout tagout and lubrication technology. PMA's subject matter experts created these more than 60 courses specifically for the metalforming industry.

Train, reskill or upskill with METALFORM EDU!



METALFORM EDU Licenses & Prices

The full library license provides a single learner access to more than 900 courses. These courses include PMA-exclusive topics such as die protection, die setting, metal spinning, press brake operations, press shop operations, lockout tagout, lubrication technology and economics in manufacturing. In addition to the PMA-exclusive topics, learners will have access to topics such as math, communications, blueprint reading, quality, safety and more.

PMA MEMBER PRICING

METALFORM
EDU TRAINING ANYTIME, ANYWHERE
FULL LIBRARY
1-MONTH LICENSE

1-MONTH LICENSE - \$59

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METALFORM
EDU TRAINING ANYTIME, ANYWHERE
OAKA
1 TEST ACCESS

OAKA - 1 TEST ACCESS - \$25

OCCUPATIONAL APTITUDE & KNOWLEDGE ASSESSMENT (OAKA)

This PMA-exclusive, 60-question multiple-choice test assesses mechanical aptitude, spatial and mathematical reasoning, measurement, use of communications and information, and the understanding of basic industry knowledge and behaviors of applicants for entry-level training programs or job vacancies. The OAKA is also included in the purchase of a full library license.

PMA NONMEMBER PRICING

METALFORM
EDU TRAINING ANYTIME, ANYWHERE
FULL LIBRARY
ANNUAL LICENSE

ANNUAL LICENSE - \$1,699

Skill Sets

Learning is often easier if you provide a guided map with distinct steps, knowledge checks, milestones and an end point. PMA's Skill Sets are those maps. Skill Sets are courses packaged together around specific metalforming functional roles and/or content areas where your employees and HR managers can clearly measure comprehension and progress.



**Advanced
Manufacturing
Technician**



**CNC
Fundamentals 1**



**CNC
Fundamentals 2**



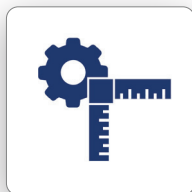
CNC Lathe



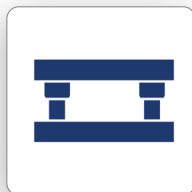
**CNC Machine
Center Technician**



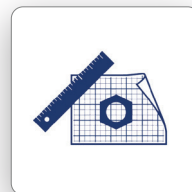
**Core Math Skills
for Manufacturing**



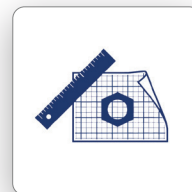
**Core Measurement
Skills for
Manufacturing**



Die Setter



**Engineering
Design 1**



**Engineering
Design 2**



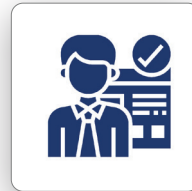
**Foundations 4
Metalforming
Success**



**Geometric
Dimensioning
& Tolerancing**



HR Business



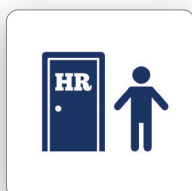
**HR Expertise
Domain**



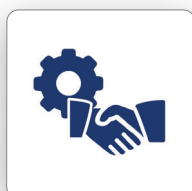
**HR Interpersonal
Communication**



**HR Interpersonal
Team Building**



HR Leadership



**Introduction
to Advanced
Manufacturing**



Lubrication



**Maintenance
Technician 1**

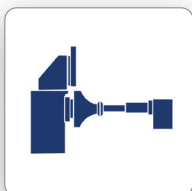
PMA has created more than 30 Skill Sets of required and elective courses designed to help achieve organizational goals, increase employee engagement, improve retention, create structure, track competency and enhance productivity. Save time assigning PMA's Skill Sets to your employees or create a Program/Skill Set unique to your company and only visible by your organization for your employees!



**Maintenance
Technician 2**



**Maintenance
Technician 3**



Metal Spinning



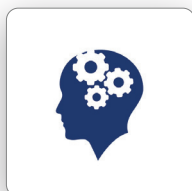
Microsoft



**New Hire
Onboarding**



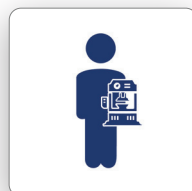
**Non-Destructive
Examination**



**Occupational
Aptitude**



**Press Brake
Operations**



**Press Shop
Operations**



**Quality
Assurance
Technician 1**



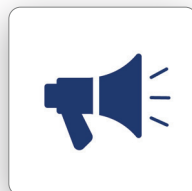
**Quality Assurance
Technician 2**



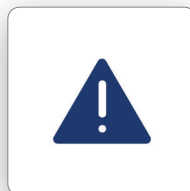
Intro to Six Sigma



**Statistical
Process Control**



Supervisory Skills



Workplace Safety



Team Lead 1



Team Lead 2

To learn more about these skill sets,
visit www.pma.org/metalformedu/skill-sets.

Course Overview

METALFORMING (66)

- Die Protection
- Die Setter Training*
- Economics in Manufacturing
- Lockout Tagout*
- Lubrication Technology
- Metal Spinning
- Press Brake Operations
- Press Shop Operator Training*
- Occupational Aptitude and Knowledge Assessment

ADDITIVE MANUFACTURING (5)

AEROSPACE (96)

AUTOMATION (8)

CAREER BUILDING (21)

CNC MACHINING (52)

COMPOSITES (62)

COMMUNICATIONS (12)

CRITICAL THINKING (3)

CUSTOMER SERVICE (10)

CUTTING TOOLS (12)

ELECTRICAL (54)

ENGINEERING DRAWINGS (27)

FASTENERS (12)

HAND TOOLS (4)

HYDRAULICS (8)

LEAN MANUFACTURING (8)

LOGISTICS (7)

MACHINING SKILLS (4)

MANUFACTURING (12)

MATERIALS (4)

MATH (20)

MEASUREMENT TOOLS (26)

METAL CUTTING SKILLS (3)

METALWORKING PROCESSES (12)

MICRO-MODULES

- Safety*
- Workplace Discrimination*
- Handling Dangerous Workplace Situations*
- Sexual Harassment*
- Diversity, Equity and Inclusion*

MICROSOFT OFFICE (35)

NONDESTRUCTIVE EXAMINATION (18)

PERSONAL FINANCES (13)

PNEUMATICS (11)

POWER TOOLS (13)

PROGRAMMABLE LOGIC CONTROLLERS (8)

PROJECT MANAGEMENT (7)

QUALITY ASSURANCE (17)

ROBOTICS (7)

SIX SIGMA (21)

STRESS MANAGEMENT (2)

STUDY SKILLS (2)

TEAM BUILDING (17)

TIME MANAGEMENT (8)

TOOL MAKING (5)

WELDING (15)

** Available in Spanish*



Additional Training Opportunities

Hire – Train – Develop – Retain

PMA is your key partner for hiring, developing and retaining your workforce!

Multiple resources are at your disposal including recruiting programs, new-hire assessments, online training, technical seminars, leadership-development workshops and custom in-plant training delivered by industry experts.

Take the next step in your company's workforce-development plan by partnering with PMA.



Train multiple employees consistently and cost effectively right at your facility. Follow-up consultations with instructor assure successful implementation.



Forum-style workshops, instructional seminars and structured networking designed exclusively for middle-management professionals looking to advance their business and leadership acumen.



A comprehensive online training system designed for the metalforming industry with more than 845 courses—including 60 metalforming-specific courses not available elsewhere.



Monthly newsletter providing members with insights on HR, training, workforce development, industry trends and more.



One and two-day seminars offered throughout the year to enhance your team's knowledge and competencies in more advanced technologies and processes.



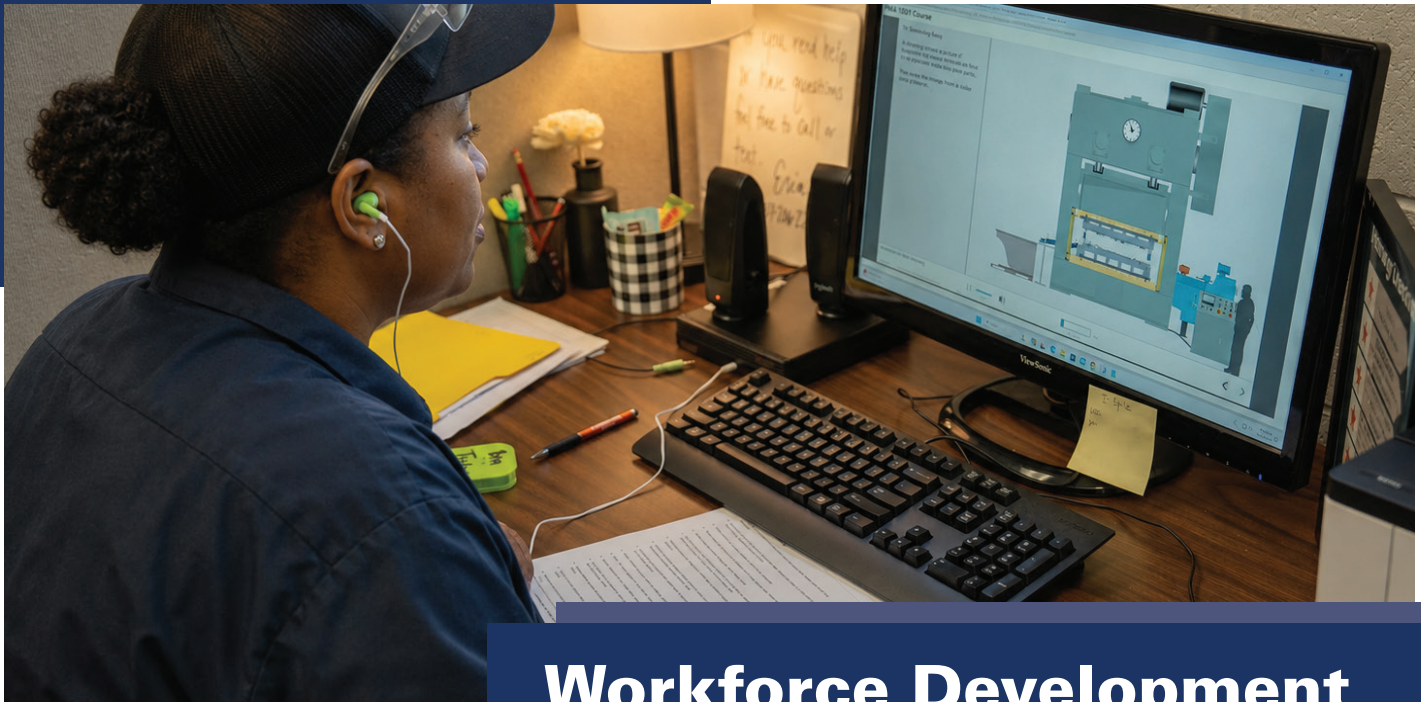
Turn your real shop-floor expertise into short, high-impact training videos using agentic AI tools to capture your workers' tacit knowledge.



Workforce Development ExpressTrain

We've done the work to find the experts so that you don't have to! PMA's custom training program—ExpressTrain—has vetted industry experts that can bring unique, personalized instruction and attention directly to your employees.

Learn more about PMA's workforce development solutions at www.pma.org/training or contact the team at workforce@pma.org.



Workforce Development

CONNIE KING

DIRECTOR OF WORKFORCE DEVELOPMENT & EXECUTIVE DIRECTOR OF PMAEF
cking@pma.org | 216-901-8800, ext. 103

Prior to joining PMA, Connie served as the director of professional development for Baldwin Wallace University, where she created and delivered original, competency-based learning programs for external organizations and the university. Connie also previously worked for the University of Akron as a manager of business solutions, where she developed and implemented internal and external organizational development programs, and created community, industry-based consortiums for assessing and satisfying skills demands.



MARY PRAMIK

**WORKFORCE DEVELOPMENT MANAGER
 & EDUCATION SUPPORT MANAGER OF PMAEF**
mpramik@pma.org | 216-901-8800, ext. 137

Prior to joining the PMA staff, Mary held positions as a program specialist for the Educational Center of Northeast Ohio and as an administrative program coordinator in the professional development department at Baldwin Wallace University.

