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TRAINING ANYTIME, ANYWHERE



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EDU

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COURSE CATALOG

Course name

Course category

Language

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 spec the press. You will learn about the two types of spec interpret each line of information ...

Category: Press Shop Operator Training

Language: English

Estimate Time (Hrs.): 0.9

Eliminate the Skills Gap with METALFORM EDU



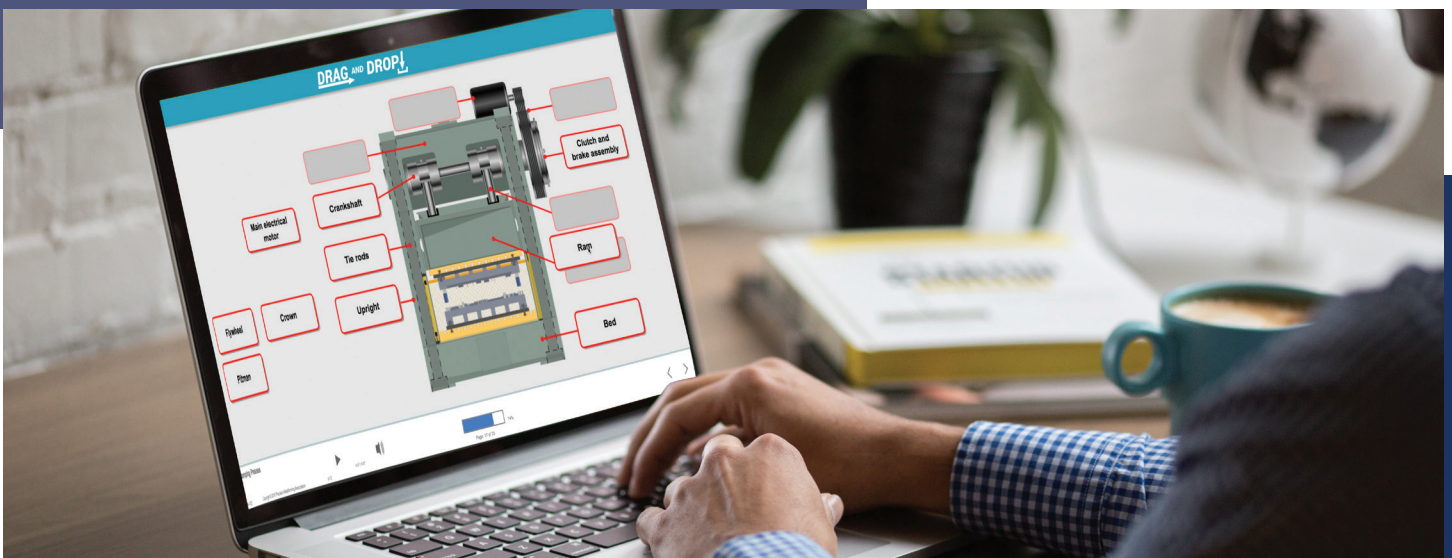
The future of the metalforming industry will rely on your ability to be adaptable, flexible and innovative in today's rapidly changing market. You've told us that the largest challenge in our industry is attracting and retaining skilled, technical roles. PMA can help. Taking a proactive approach to training 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.

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OCCUPATIONAL APTITUDE & KNOWLEDGE ASSESSMENT

NOW INCLUDED IN THE ANNUAL LICENSE

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. Also available in Spanish.

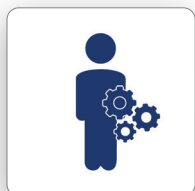
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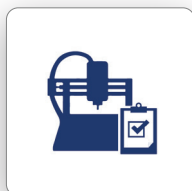
ANNUAL LICENSE - \$1,699

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**



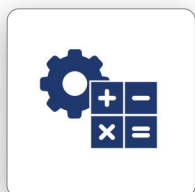
**CNC
Fundamentals 2**



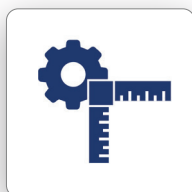
CNC Lathe



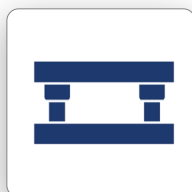
**CNC Machine
Center Technician**



**Core Math Skills
for Manufacturing**



**Core Measurement
Skills for
Manufacturing**



Die Setter



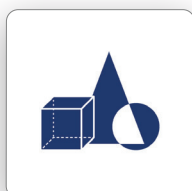
**Engineering
Design 1**



**Engineering
Design 2**



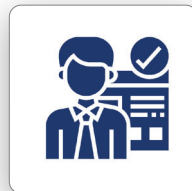
**Foundations 4
Metalforming
Success**



**Geometric
Dimensioning
& Tolerancing**



HR Business



**HR Expertise
Domain**



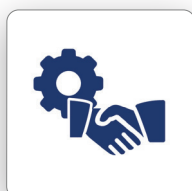
**HR Interpersonal
Communication**



**HR Interpersonal
Team Building**



HR Leadership



**Introduction
to Advanced
Manufacturing**



Lubrication



**Maintenance
Technician 1**

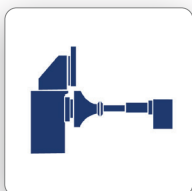
PMA has created more than 30 Skill Sets of required and elective courses designed to help achieve organizational goals, increase employee engagement, improve retention, create structure, track competency and enhance productivity. Save time assigning PMA's Skill Sets to your employees or create a Program/Skill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



**Maintenance
Technician 2**



**Maintenance
Technician 3**



Metal Sinning



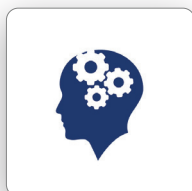
Microsoft



**New Hire
Onboarding**



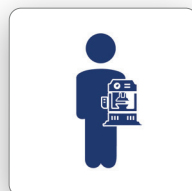
**Non-Destructive
Examination**



**Occupational
Aptitude**



**Press Brake
Operations**



**Press Shop
Operations**



**Quality
Assurance
Technician 1**



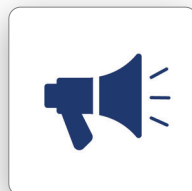
**Quality Assurance
Technician 2**



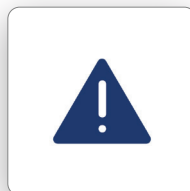
Intro to Six Sigma



**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 (11)

CUTTING TOOLS (12)

DISCRIMINATION (1)

DIVERSITY SKILLS (1)

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)

MICROSOFT OFFICE (35)

NONDESTRUCTIVE EXAMINATION (18)

PERSONAL FINANCES (13)

PNEUMATICS (11)

POWERTOOLS (13)

PROGRAMMABLE LOGIC CONTROLLERS (8)

PROJECT MANAGEMENT (7)

QUALITY ASSURANCE (17)

ROBOTICS (7)

SAFETY (31)

SEXUAL HARASSMENT (2)

SIX SIGMA (21)

STRESS MANAGEMENT (2)

STUDY SKILLS (2)

TEAM BUILDING (17)

TIME MANAGEMENT (8)

TOOL MAKING (5)

WELDING (15)

** Available in Spanish*



METALFORM EDU Team

Overcome the manufacturing skills gap by enhancing your training program with **METALFORM EDU**.



CONNIE KING

WORKFORCE DEVELOPMENT DIRECTOR, PMA

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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, PMA

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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.



SCOTT RIEG

WORKFORCE DEVELOPMENT TECHNICAL MANAGER, PMA

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Scott joined PMA as technical training manager in June 2023. In this position, he performs onsite and in-house training sessions, webinars and workshops.

A tool and die maker by trade, Scott has more than 40 years of experience in the tooling, stamping and steel industries. Throughout his career, he has held numerous roles, including tool and die apprentice, tool and die maker, tool and die engineer, die estimator, senior sales and tooling engineer, sales account manager, director of strategic initiatives, director of manufacturing, and vice president of engineering.



DEAN PHILLIPS

DIRECTOR OF TECHNICAL TRAINING, PMA

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Dean Phillips joined PMA in May 2024. Prior to that, he was an innovation strategist/sales engineer with Link Systems in Nashville, TN.

For the past 32 years, Dean has been an active member of the forming and fabricating community. He held various roles with Niagara (later Clearing Niagara Bliss, CNB), Piranha/Allsteel, Tennsmith and SEYI Presses. Dean was an advisor to SMART manufacturing and international director with SME. He also has been an advisor to the PMA safety committee and a contributor to *MetalForming* magazine.



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