PMA-DEVELOPED COURSES
• Press Operator Training
• Die Setter Training
• Lock Out Tag Out
• Economics for Manufacturing

CAREER BUILDING COURSES
• Job Skills
• Personal Branding
• Manufacturing as a Career

COMMUNICATION SKILLS COURSES
• Interpersonal Communications
• Conflict Resolution
• Technical Writing

CUSTOMER SERVICE COURSES

MATHEMATICS COURSES
• Basic Math
• Fractions
• Decimals
• Positive and Negative Numbers
• Cartesian Coordinates
• The Metric System
• Geometry
• Time
• Money

MICROSOFT OFFICE COURSES

PERSONAL FINANCES COURSES

STUDY SKILLS COURSES

TEAM BUILDING COURSES
• Group Dynamics
• Building Effective Teams
• Teamwork and Training

TIME MANAGEMENT COURSES

HEALTH & SAFETY SKILLS COURSES
• Introduction to Safety
• Personal Protective Equipment Safety
• Hazardous Material Safety
• Workplace Safety
• Electrical and Fire Safety
• Material Handling Safety
• Tool and Machine Safety

LEAN MANUFACTURING COURSES
• Lean Principles
• Introduction to Lean Manufacturing
• Workplace Organization

QUALITY COURSES
• Quality Systems
• Introduction to Statistical Process Control
• Advanced Statistical Process Control

SIX SIGMA COURSES
• Six Sigma and the Organization
• Six Sigma Define
• Six Sigma Measure
• Six Sigma Analyze
• Six Sigma Improve and Control

AUTOMATION COURSES
• Introduction to Industrial Automation
• Process Controls

CNC MACHINING COURSES
• Introduction to Machining
• CNC Horizontal Lathe
• CNC Vertical Machining Center
• CNC Machine Lubricants
• CNC Horizontal Lathe Applications
• CNC Lathe Programs
• CNC Vertical Machining Center Applications
• CNC Machining Center Programs

COMPOSITES COURSES
• Introduction to Composites
• Composites Manufacturing Facilities
• Materials Used in Composites Manufacturing
• Composite Material Storage
• Tools Used in Composite Manufacturing
• Composite Material Kitting
• Composite Part Layup and Bagging
• Inspecting Composites Parts
• Composite Part Damage and Repair
• Composite Layup Projects
• Drilling Composites Project
• Composite Part Damage and Repair Project
• Cutting Tools
• Threads, Taps and Dies

CUTTING TOOLS FOR METALWORKING COURSES

pma.org/metalformedu
ELECTRICAL COURSES
• Introduction to Electricity
• DC Electricity
• AC Electricity
• Solid State Electricity
• Introduction to Electric Motors
• Electrical Connectors
• Fiber Optics
• Sensor Technology
• Electrical Hand Tools
• Electrical Measurement Conversion
• Electrical Resistance Test Equipment
• Crimping Terminals and Splices
• Assembly of Coaxial Connectors

ENGINEERING DRAWINGS COURSES
• Blueprint Reading Fundamentals
• Blueprints and Pictures Sheets for Aerospace
• Advanced Blueprint Reading
• Aerospace Wire Installation Drawings
• Composite Engineering Drawings and Instructions
• Geometric Dimensioning and Tolerance (GD&T)

FASTENERS COURSES

HAND TOOLS COURSES

HYDRAULICS COURSES
• Introduction to Hydraulics
• Components of a Hydraulics System

LOGISTICS COURSES

MANUFACTURING COURSES
• Introduction to Manufacturing
• Manufacturing and Logistics Game
• Engineering Processes
• Manufacturing Paperwork

MATERIALS COURSES

MEASUREMENT COURSES
• Precision Measurement Tools
• Fastener Inspection Gauges
• Weld Gauges

NON-DESTRUCTIVE EXAMINATION (NDE) COURSES
• Introduction to Non-Destructive Examination Commercial
• Introduction to Non-Destructive Examination
• Visual Testing Commercial

PROGRAMMABLE LOGIC CONTROLLERS COURSES

POWER TOOLS COURSES
• Hand Power Tools
• Stationary Power Tools

PNEUMATICS COURSES
• Introduction to Pneumatics
• Components of a Pneumatic System
• Pneumatic Applications

ROBOTICS COURSES

TOOL MAKING COURSES

WELDING COURSES
• Welding Processes
• Welding for NDE Commercial
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For questions, please contact ERIN RIFFLE at 216-901-8800 or eriffle@pma.org.