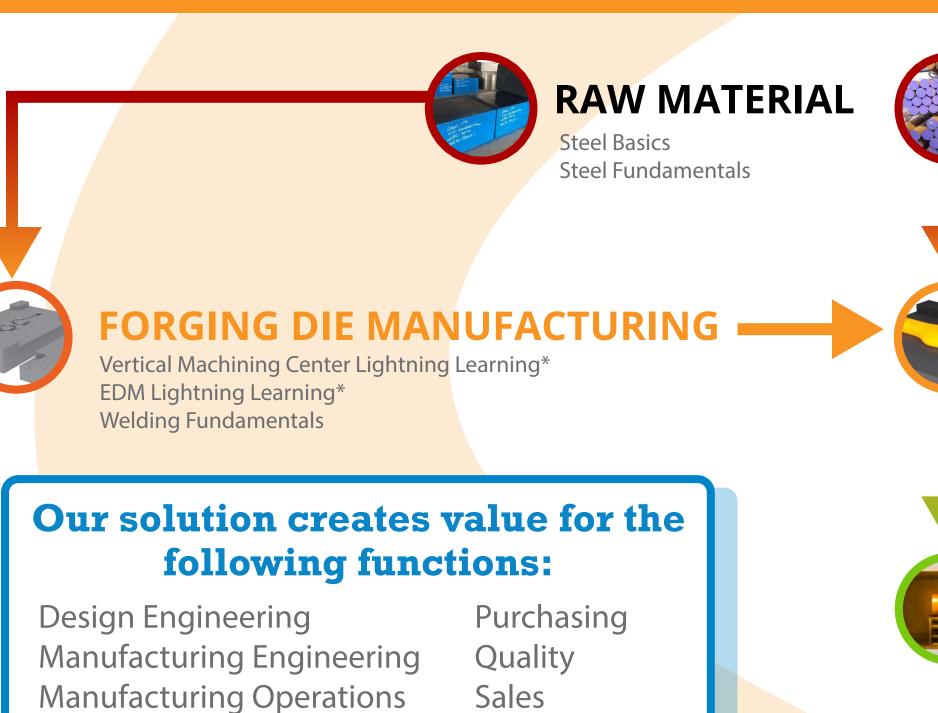
# **On-Demand Courses for the Forging Industry**

THORS Academy courses reflect industry processes from start to finish. Every step of the way, **Think THORS**<sup>™</sup> for solutions that accelerate learning and improve effectiveness.



## **FORGING PROCESS**

**Forging Basics** Forgings: Closed Die Processes Forgings: Closed Die Terminology and Equipment

## HEAT TREATMENT

Heat Treating Basics (available in Spanish) Heat Treating Processes and Equipment Heat Treating Safety Heat Treating Testing and Defects



# **QUALITY ASSURANCE**

Engineering Drawings Fundamentals **Engineering Drawings for Castings Engineering Drawings for Forgings Engineering Drawings for Machining GD** & T Fundamentals **Measurements:** Basic Concepts **Measurements: Measurement Math Measurements: Measuring Processes** Measurements: Measuring Tools **Destructive Metallurgical Testing Non-Destructive Testing Quality Inspection for Steel Castings** 

**Process Flow Diagrams Affinity Diagrams** 7QC Tools: Check Sheets **70C Tools: Control Charts** 7QC Tools: Fishbone Diagrams 7QC Tools: Histograms 7QC Tools: Pareto Charts 7QC Tools: Scatter Diagrams 7QC Tools: Stratification 8D Problem-Solving Basics 5S Workplace Organization Method

# MACHINING

Cylindrical Grinding Fundamentals Cylindrical Grinding Process Strategy

**Fixturing Fundamentals for Machining** Hole Process Fundamentals **Machine Tool Fundamentals Surface Process Fundamentals Turning Tool and Process Basics Turning Center I Lightning Learning** Vertical Machining Center Lightning Learning\* Horizontal Machining Center Lightning Learning\*



#### **PLANT MAINTENANCE**

**Bearing Fundamentals Belt Classifications: Poly V Belts Belt Classifications: V Belts Chain Fundamentals: Industrial Compressors: Ancillary Equipment Compressor Fundamentals: Positive Displacement Electrical Power Introduction Electric Motor Fundamentals Bolted Joint Basics** Threaded Fastener Testing and Defects **Threaded Fastener Terminology and Components Threaded Fastener Specifications Gearbox Basics** Hydraulic System Fundamentals **Oil Seal Fundamentals: Rotary Applications** 





\* to be released shortly