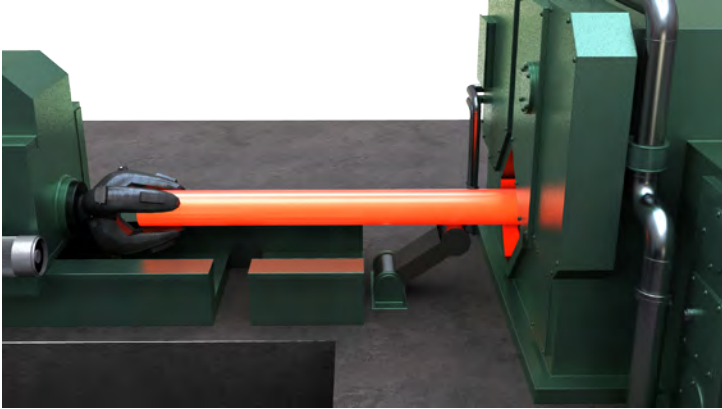


# FORGING BASICS

eLearning courses designed to increase productivity and profits



## Learning made Simple, Visual, and Interactive

Forging Basics introduces learners to the basic equipment, concepts, and general terminology that are often applied in modern forging industries.

Credit Hours **1**

## Learning Objectives

- 💡 Recall some of the properties of forged material.
- 💡 Understand some common terms such as billet, press, and die.
- 💡 Recognize the basic equipment and tools used in forging processes.
- 💡 Identify the different types of forging processes utilized today.
- 💡 Recall some of the basic forging defects.

## Table of Contents

### I. Concepts and Equipment

- Properties of Forged Materials
- Forging Considerations
- Forging Presses and Hammers
- Forging Impression Dies

### II. Processes and Defects

- Closed Die Forging
- Open Die Forging
- Ring Rolling
- Radial Forging
- Cold Forging
- Forging Defects

