Industrial Hydraulic Fundamentals
This three-day course provides participants with an excellent understanding of hydraulic theory, hydraulic components, and hydraulic systems.

I. Hydraulic Theory
  · Hydraulic Development
  · Physics of Hydraulics
  · Hydraulic Symbols

II. Hydraulic Components
  · Hydraulic Liquids
  · Piping and Connectors
  · Sealing Devices
  · Hydraulic Reservoirs
  · Accumulators
  · Hydraulic Pumps
  · Control Valves
  · Cylinders/Actuators

III. Hydraulic Systems
  · Basic Hydraulic System
  · Hydraulic Circuits

IV. Common Causes of Failure
  · Dirt
  · Heat
  · Misapplication
  · Improper Fluids
  · Maintenance
  · Improper Design or Installation

V. Plant-specific Applications