



## PROFESSIONAL DEVELOPMENT

### FLUID POWER: ADVANCED

Learn the advanced-level concepts of hydraulic and pneumatic systems for individuals working in the manufacturing environment. Concepts include power variables and power sources, control valves, basic circuit design, and more.

### FLEXIBLE AND CONVENIENT

Online classes are self-paced, typically taking 60 minutes to complete. They are easily and conveniently accessible on desktops and laptops, and on tablets and phones with the Tooling U-SME app.

### EFFECTIVE COMBINATION OF CLASSES

Hydraulics and Pneumatics Level 3 provides advanced knowledge and skills for success in operating, installing, designing, and troubleshooting basic fluid power systems. This series includes the following 10 classes:

- Pneumatic Power Variables
- Pneumatic Power Sources
- Hydraulic Control Valves
- Hydraulic Schematics and Basic Circuit Design
- Pneumatic Control Valves
- Pneumatic Schematics and Basic Circuit Design
- Actuator Applications
- Hydraulic Fluid Selection
- Contamination and Filter Selection
- Hydraulic Principles and System Design

### Online Training offers:

- Content developed by industry experts
- Accessible anytime, anywhere
- Self-paced
- Predefined curriculum for each job role
- Engaging and interactive content
- Pre- and post-training knowledge assessments
- Access to Tooling U-SME's Learning Management System (LMS)
- Guidance from our Client Success team, including advice, insights, and ideas built on best practices and years of experience