iMFLUX

# TECHNOLOGY

# INTRODUCTORY AND ADVANCED TRAINING COURSES

American Injection Molding Institute

by Beaumont

WWW.AIM.INSTITUTE

# iMFLUX

## iMFLUX TRAINING

The AIM Institute has partnered with iMFLUX, a wholly owned subsidiary of P&G, to provide training on iMFLUX's proprietary process control system.

## COURSE INFORMATION

AIM is offering two levels of iMFLUX courses: Introductory and Applied.

**Introduction to iMFLUX** is for anyone interested in learning more about iMFLUX technology and process controls, how it works, and what practical applications could be for a business.

**Applied iMFLUX Processing** is for those responsible for using or implementing the technology, including process technicians, engineers, or managers. This 4-day course dives into the process control functionality, process set-up and controls, and troubleshooting.

## Introduction to iMFLUX (2 days)

**Introductory course on iMFLUX and its comparisons to conventional molding.**

- Understanding plastic flow in a mold
- Conventional molding process (blue curve)
- iMFLUX molding process (green curve)
- iMFLUX contrast to conventional molding
- Advantages and disadvantages of each
- iMFLUX process levers and equation
- Three molding demonstrations
- Common applications & future developments

## Applied iMFLUX Processing (4 days)

**Learn how to use iMFLUX process controls and employ troubleshooting techniques.**

- iMFLUX control functionality
- iMFLUX process introduction & science
- Controller function & navigation
- Process set-up and levers
- Sensor & process factor set-up
- iMFLUX documentation & data interpretation
- Control loop tuning and optimization
- Troubleshooting techniques