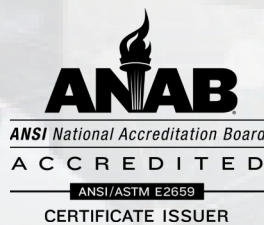


# MOLDERS' SERIES

ACCREDITED, HANDS-ON  
**EDUCATION & TRAINING**

FOR INJECTION MOLDING  
PROCESSORS



American Injection  
Molding Institute

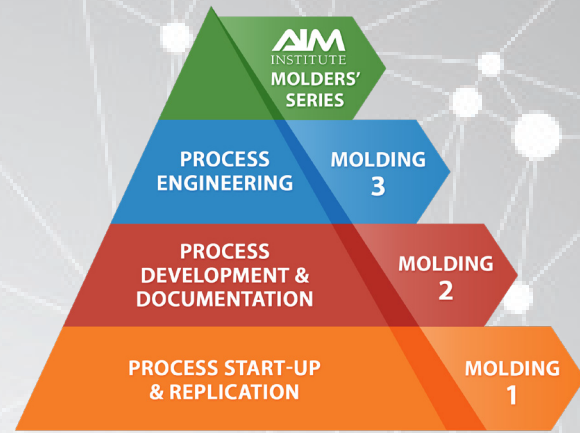
by  **Beaumont**

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# MOLDERS' SERIES

## HANDS-ON TRAINING FOR PROCESSORS

AIM's Accredited Molders' Series Program was designed to give molders the knowledge, confidence, and troubleshooting skills essential to be a successful molder, at any experience level. Each Molders' Series course mirrors a molder's roles and responsibilities within an organization.



## MOLDING 1

### *Process Start-up and Replication*

For employees new to processing

#### • **WHAT'S COVERED?**

- Safe start-up of a molding machine using a documented process
- Correctly restarting a molding process
- Recognizing common molding issues, including short shorts, flash, and moisture

#### • **COURSE BENEFITS**

- Decreased on-boarding time for new employees
  - Reduced start-up and restart time
  - Reduced scrap
  - Reduced mold damage
- 5 days

## MOLDING 2

### *Process Development and Documentation*

For experienced processors

#### • **WHAT'S COVERED?**

- Fundamentals of injection molding mechanics, including the molding process and machine controls
- Standard knowledge of plastic materials, molds, part design, and their affects on processing
- Intermediate troubleshooting

#### • **COURSE BENEFITS**

- Ability to develop and document a molding process
  - Enhanced ability to troubleshoot and solve more complex problems
- Two 1-week courses, separated by 8 weeks of online reviews

## MOLDING 3

### *Process Engineering*

For processors responsible for process development standards

#### • **WHAT'S COVERED?**

- Advanced knowledge of plastic materials, molds, part design, and their affects on processing
- Process transfers
- Applications of simulation
- Advanced troubleshooting

#### • **COURSE BENEFITS**

- Enhanced ability to solve complex problems
  - Ability to communicate critical issues to and collaborate with cross-functional teams
  - Improved efficiency and productivity
- Two 1-week courses, separated by 8 weeks of online reviews



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