AIM ONLINE

SUBJECT-SPECIFIC, FOCUSED

TRAINING SEMINARS

FROM THE COMFORT OF

YOUR OWN HOME

American Injection Molding Institute

by Beaumont

WWW.AIM.INSTITUTE

DEVELOPMENT COURSES

Excellent resources for professionals seeking focused, subject-specific knowledge broken up over four half-day digital sessions.

Available Courses

- Plastic Materials
- Mold Design
- Injection Molding
- Part Design

AUTODESK MOLDFLOW COURSES

Build your Moldflow skills and work towards your Autodesk Certifications from your home or office.

Available Courses

- Understanding & Applying Moldflow Simulation
- Autodesk Moldflow Insight: Fundamentals
- Autodesk Moldflow Insight: Advanced Flow
- Autodesk Moldflow Insight: Advanced Cool & Warp

PLASTICS BOOTCAMP

Introductory, core information needed to understand the basics of each function of the plastic injection molding industry.

Available Modules

- Plastic Materials
- Mold Design
- Injection Molding
- Part Design
- Simulation Analysis

MOLDING MATH

A math course designed specifically for Molders to teach you the concepts needed for your job using realistic examples.

Course Highlights

- Significant figures as applied to molding
- Clamp tonnage
- Shot size (weight & volume)
- Understanding molding graphs

RUNNER & GATING DESIGN STRATEGIES

Covering various aspects of plastic flow within an injection mold and covers design strategies for both hot and cold runner systems.

Course Highlights

- Plastic Flow / Shrink / Warp
- Gate location & Sizing Strategies
- Calculating Shear Rate
- Hot & Cold Runner Systems & Strategies

FLOW GROUPING DIAGNOSTICS

Learn diagnostics methodology to identify the root cause of mold filling and part quality variations that occur during injection molding.

Course Highlights

- Fundamentals Plastics Rheology
- Identify Flow Groups in Molds
- Analyzing Flow Grouping Data
- Applications for Hot Runner Molds

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