



American Injection Molding Institute

Autodesk® Simulation Moldflow® Advisor Course Overview

Course Description

In this course, students learn fundamental features, functionalities and work-flows in Autodesk Simulation Moldflow Advisers through hands-on exercises. Students learn how to become more efficient at creating digital prototypes, running analysis and interpreting results of all analysis types available.

Course Outline- Autodesk Simulation Moldflow Advisor

User Interface Review: Discusses how to use the interface, job manager, & how to customize databases

Quick Fill-Pack-Warp Analysis: Step through the general process typically used for any analysis project

Design Adviser Analysis: Learn how to import, and check models from CAD systems

Gate Location: Describes the procedures to follow to complete and interpret gate location analysis

Molding Window: Describes the procedures to follow to complete and interpret molding window analysis

Evaluating the Part Design: Review part design guidelines, tools for analyzing part design, and how to interpret analysis results

Autodesk Simulation Moldflow

Communicator: Review features and capabilities

Report Generator: Shows ways to create reports & available formats

Modeling Runners: Review typical gate and runner designs and how to model them

Runner Adviser & Runner Balance: Review the importance of balancing runner systems

Pack & Warp Overview: Review concepts of pack/hold for injection molds

Modeling Cooling Circuits: Model cooling circuits with various cooling geometries

Cooling Analysis Overview: Review concepts of cooling for injection molds

Effects of Cool over Pack & Warp: Understand the differences in the results when running different analysis sequences

Advanced Modeling Tips: Tips for faster and easier runners and cooling line layouts

Duration: 2 days

Who should attend?

New users of Autodesk Simulation Moldflow Advisor

Prior mold analysis experience is not necessary.

What will you learn?

- How to complete fill, pack, and warp analysis.
- Evaluate CAD geometry, runners, and cooling lines.
- How to determine the reliability of your simulation results



Autodesk is a registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product and services offerings, and specifications and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document. © 2012 Autodesk, Inc. All rights reserved.



American Injection Molding Institute, LLC
1524 E. 10th Street
Erie, PA 16511
PH 1-866-344-9694 | FX 814 899-7117
info@aim.institute
www.aim.institute