



American Injection Molding Institute

Autodesk® Moldflow® Adviser Course Overview

Course Description

In this course, students learn fundamental features, functionalities and work-flows in Autodesk Moldflow Adviser 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 Moldflow Adviser

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 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 Moldflow Adviser

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



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