Autodesk® Moldflow® Adviser

Course Overview

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

To register for upcoming classes Email: NA.MFG.simulation.training@autodesk.com
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Course Description
In this course, students learn features, functionalities and workflows in Autodesk Moldflow Adviser through hands-on exercises. Students learn how to become more efficient at evaluating digital prototypes, running analysis and interpreting results of all analysis types available in the Design, Manufacturing, and Advanced packages.

Course Outline - Autodesk Moldflow Adviser

User Interface Review
• Using the interface
• Using the job manager
• Customize databases

Quick Fill - Pack - Warp Analysis
• Complete 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
• Check models for draft, thickness and undercuts

Gate Location
• Gate placement guidelines
• Uses of the gate location analysis
• 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
• Learn about analysis sequences (Fill, Cooling Quality & Sink Marks)
• Results visualization tools
• Cost Adviser tool
• Input parameters used for filling, sink mark and cooling quality analyses
• Interpret results for filling, sink mark and cooling quality analyses

Autodesk Moldflow Communicator
• Review features and capabilities
• Review how to create MRF in Autodesk Moldflow Adviser

Report Generator
• Shows ways to create reports
• Review 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
• Learn how to balance runners

Pack & Warp Overview
• Review concepts of pack/hold for injection molds
• Learn about packing results and how to use them

Modeling Cooling Circuits
• Model cooling circuits with various cooling geometries

Cooling Analysis Overview
• Review concepts of cooling for injection molds
• Learn about cooling results and how to use them

Effects of Cool over Pack & Warp
• Understand the differences in the results when running different