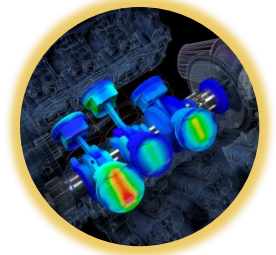


Autodesk® Moldflow® Adviser

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

Phone: +1.412.967.2779

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

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