Autodesk® Moldflow® Insight Fundamentals - Course Overview

Course Description
In this course, students learn fundamental features, functionalities and workflows in Autodesk Moldflow Insight Fundamentals - through hands-on exercises. Students learn how to become more efficient at creating digital prototypes, running analyses and interpreting results of most analysis types available in the standard package.

Course Outline - Autodesk Moldflow Insight - Fundamentals

Introduction to Synergy: Learn how to navigate and use the Interface

Analysis Workflow: Discusses Moldflow design philosophy and design procedures

Model Requirements: Discuss the mesh characteristics necessary to have for a high quality digital prototype

Model Translation and Cleanup: Discuss workflows necessary to import, mesh and repair all 3 mesh types

Gate Placement: Gate placement guidelines & uses of the gate location analysis

Basic Packing: Review of definitions, procedures to set a packing profile, and how to interpret results

Results Interpretation: Discuss results types along with results manipulation and interpretation

Flow Analysis Process Settings: Discussion of advanced options for a flow analysis along with all solvers and capabilities

Gate & Runner Design: Typical gate and runner designs and how to model them and conduct a runner balance analysis

Moldflow Communicator: Review features and capability of Autodesk Moldflow Communicator

Guided Project: Steps through in detail the entire Flow analysis process

Moldflow Design Principles: Review of the Moldflow design principles and how to apply them

Flow Leaders and Deflectors: Discussion of how to use flow deflectors and flow leaders to move the location of weld lines and other defects

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