



Productivity Course Overview

Duration:

2 days

Who Should Attend?

Intermediate users of Autodesk Moldflow Insight Basic, Advanced, or Performance.

Before attending this course, students must attend the course titled Learning Autodesk Moldflow Insight Basic.

What will you learn?

- How to complete analysis for multiple gate locations and part families
- Flow analysis with inserts and overmolding
- Packing optimization
- Design of Experiments

To register for upcoming classes Email:

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Course Description

In this course, students learn about the more complex analysis types available in the Autodesk Moldflow Insight Basic package that were not covered in the Learning Autodesk Moldflow Insight Basic course.

Course Outline - Autodesk Moldflow Insight - Productivity

Database Management

Discusses how to create personal databases of all types and how to use them.

Family Tools

Discusses how to analyze family tools including finding processing conditions, adding studies together and balance the runners.

Multiple Gates

Discusses the types of multiple gate problems that occur and how to analyze them.

Discusses clamp tonnage and how to work within the limits of the molding machine.

Packing Optimization

Discusses the procedure for reducing the variation of volumetric shrinkage on a part.

Part Insert Overmolding

Discusses definitions and capabilities with regards to running a flow analysis with part inserts.

Two-Shot Sequential Overmolding

Discusses capabilities of two-shot sequential overmolding, setting up the analysis, running the analysis and reviewing results.

Design of Experiments (DOE) Analysis

Discusses the theory of DOE.

Discusses how to setup an analysis and how to interpret the results.

Projects

Practice what you have learned with different models presented with diverse problems.