

Objective: The primary objective of this course is to provide students with hands-on exercises of the different features of Autodesk Moldflow Insight Premium for Thermoset materials related to underfill encapsulation molding processes.

Level:
Advanced

Duration: 3/4
day (6 hrs.)

Who Should Attend: This course is designed for any intermediate Autodesk Moldflow Insight Premium user who will be performing underfill encapsulation molding analysis projects.

Pre-requisites: Before attending this course, students must attend the courses titled *Autodesk Moldflow Insight Fundamentals* and *Reactive Molding with Autodesk Moldflow Insight*.

Underfill Encapsulation with Autodesk® Moldflow® Insight

Autodesk® Official Training

Course Description

In this course, students learn features, functionalities and workflows in Autodesk Moldflow Insight Premium through hands-on exercises related to underfill encapsulation molding processes used for thermoset materials.

Course Outline – Underfill Encapsulation with Autodesk Moldflow Insight

- **Underfill Encapsulation Molding Overview:** Overview of underfill encapsulation molding definitions and applications
- **Underfill Encapsulation Molding Analysis Steps:** Overview of the steps required to set up underfill encapsulation molding analyses
- **Modeling and Mesh Requirements for Underfill Encapsulation Analysis:** Discusses what can be modeled for underfill encapsulation molding analysis. Discusses how the mesh quality influences the analysis of chips
- **Process Settings for Underfill Encapsulation Molding:** Discusses in detail all the advanced options used to run an underfill encapsulation molding analysis. Covers all 3D solvers, Midplane and Dual Domain capabilities
- **Results Interpretation and Customization for Underfill Encapsulation Molding:** Discusses results manipulation and general interpretation. Practice concentrating on display methods for each type of mesh



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