COMPUMACHINE

Compumachine Training Programs

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Mastercam Advance Milling - FreeForm Surfacing (2-Day)

Utilizing models created from solids and surfaces this course covers the advanced topics involved in 3D free form surface programming. The focus of this coarse is the exploration of machining strategies and techniques that use surface models to define the tool path.

Scope of Class

Design Topics:

Creation of surface models, including use of Ruled/Lofted, Revolved, Offset, and Swept surfaces. Editing surface models for machining, including techniques for Trimming, Extending, and Filling surfaces.

Milling Topics:

3D toolpath creation using the Surface Rough and Surface Finish routines. Exploration of several different toolpath and Also, a survey of HST (Surface High Speed Toolpaths), creation of 3D toolpaths and 3D geometry construction using Mastercam's new high-speed surface toolpaths. Compare pro/con of different toolpath for different geometry by cases.

Prerequisites:

Perspective students most have completed Mastercam Design and Basic Milling, or be proficient with Mastercam Mill (Level 1) operations and routines.