Mastercam Multi-Axis Mill

Length: 2 days

Prerequisites: CNC machining knowledge, proficiency with Windows™ operating system. Mastercam Essentials class or instructor approval.

Description: Mastercam Multi-Axis Mill is a focused course that teaches you how to use Mastercam Advanced Machining functions to generate full motion 5-axis toolpath.

The topics covered in this course are:

Job Setup
- Importing Solid Model and Manipulation
- Job Setup and Model Prep
- Fixture Setup
- Creating and working with Custom Tool Planes
- Surface creation for Toolpath generation

Basic 4 and 5-axis Toolpath Generation
- 3 to 5 axis Toolpath conversion
- Curve / Drill 5-axis, Flowline and Swarf Toolpath
- Rotary

Advanced 5-Axis Toolpath Generation
- Advanced Tool Access Control, Cut Pattern
- Advanced Collision Control
- Advanced Swarf, Morph & Along Curve Toolpath
- Parallel, Triangular Mesh, Multi-surface & Port Toolpath
- Rotary Advanced

Toolpath Verification & Output
- Stock Model
- Backplot
- Full motion Machine Simulation
- Post Processing