Mastercam Advanced Mill

Length: 2 days

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

Description: Mastercam Advanced Mill is a focused course that teaches you how to use Mastercam Advanced Design functions, and how to generate full 3D through advanced 4-axis Milling toolpath.

The topics covered in this course are:

Job Setup & Advanced Geometry Creation
- 3D Wireframe Geometry Creation
- Solid Creation and Manipulation
- Surface Creation and Manipulation
- Wireframe creation from Solids and Surfaces
- Trimming Surfaces and Solids
- Job Setup and Model Prep
- Working Coordinate System (WCS)

Roughing Toolpath Generation
- 3D Roughing Toolpath options...
- Dynamic Optirough, Area Roughing
- Flowline, Multisurface, Parallel

Roughing / Finishing Toolpath Generation
- Stock Model
- Roughing Toolpath from Castings
- 3D Finish Toolpath options...
- Hybrid, Raster, Scallop, Flowline, Waterline
- Pencil, Blend, Radial, Spiral

Toolpath Verification & Output
- Stock Model Compare
- Toolpath Arc Filtering and Smoothing
- Backplot
- Full motion Machine Simulation
- Post Processing

For class schedules visit www.MLC-CAD.com or call (800)364-1652