

Mastercam X7 Basic Training

Day		Subject
1	Design 1	User Interface 2D Geometry creation Help, Shortcuts, Documentation, tutorials. Modifying & Editing Geometry Attributes, Patterns/Blocks, Dimensions Construction plans, 3D Design, WCS
2	Design 2	Surfaces Design Surface editing Solid modeling. Solid Manager & History Import from other CAD software Feature Recognition and editing
3	Tool-path Basics	Machine selection, Job setup Tools & Material libraries 2D Tool Path – Drill, Contour, Pockets Back-plot, verification, Machine simulation. 2D High-speed toolpath Feature based drilling & Milling - Introduction
4	Surface & Solids machining	3D Roughing – concept and methods 3D Finishing Tool plans, Rotary axis. 3D High-speed toolpath
5	Turning Conclusion	Lathe Job Setup, Stock definition Lathe tools Drill, Facing, Slots - Roughing & Finishing Milling with lathe – introduction Revision – Process overview Configuration Machine & Control Definition Post Processors. Job Setup & reports. Add-ons Getting Help, Zip2Go, Forums, Updates Mastercam Products Specialized products Art, Engraving, Nesting...