



Course: CATIA V5 MANUFACTURING

Objective: This course enables users to define and manage NC programs dedicated to machining parts designed with Surface or Solid Geometry using prismatic (2.5 Axis) operations, 3-Axis machining techniques, 4 and 5 Axis machining operations and being aware of all capabilities in terms of strategies, parameters and transition paths.

Duration: This is a Flexi Course. 5 or 3 Day Option.

Price: 5 Day Course Prismatic, Surface Machining, 4 and 5 Axis Machining \$2500.00CAN
OR 3 Days of CATIA Manufacturing Fundamentals \$1750.00CAN

Student Profile: Manufacturing Users

Pre-requisites: Fundamentals about CATIA V5 and General Machining knowledge

Content	Description	Time Duration
Numerical Control Infrastructure	Workbench Presentation , Define Setup (Part Operation) , Machining Operation, Macros, Tools Presentation , Tool Path Verification & Simulation Auto sequence , Auxiliary Operations Output generation , Axial Operations Hole selection - Machining Pattern Management The different Process Views , Geometry wizard (edge, surface)	1 Days
CATIA V5 Prismatic Machining	Milling Operations: Facing, Pocketing, Prismatic Roughing, Profile Contouring, Groove Milling, Point to Point, Curve following, Prismatic rework area, Prismatic machining area, Transition Paths (macros) Drilling Operations	1 Days
CATIA V5 3- Axis Surfacing Machining	Creating a Machining Feature, Geometrical Zone Machining/ Slope Area Creation, Rework Area Creation, Offset Group Creation Creating a 3-Axis Surface Machining Operation Sweep Roughing Operation, Roughing Operation Sweeping Operation, Pencil Operation Z-Level Operation, Contour Driven Operation Iso Parametric Machining Operation, Spiral Milling Operation, Profile Contouring Operation	1 Day



Information contained within is subject to change without notice.
 All prices quoted do not include applicable taxes. Updated 4/12/06
 Call 905-944-0047 to register





Content	Description	Time Duration
Multi-Axis Machining	Multi-Axis Sweeping Multi-Axis Contour Driven Multi-Axis Curve Machining Multi-Axis Isoparametric Machining Operation Multi-Axis Drilling	1 Day
		1 Day
Advanced Machining	Multi Axis Flank Contouring Multi Axis Helix machining Cavities Roughing	



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