



CATIA V5 Manufacturing

5 Days Course



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.

Pre-requisites: CATIA V5 Fundamentals & General Machining knowledge

Price per Student		\$2,500.00
Duration: 5 Days		
TOPIC	DETAILS	
Numerical Control Infrastructure	<p>Workbench Presentation Define Setup (Part Operation)</p> <p>Machining Operation, Macros, Tools</p> <p>Presentation Tool Path Verification & Simulation</p> <p>Auto sequence Auxiliary Operations Output generation Axial Operations</p> <p>Hole selection - Machining Pattern Mgmt The different Process Views</p> <p>Geometry wizard (edge, surface)</p>	
CATIA V5 Prismatic Machining	<p>Facing Operation</p> <p>Pocketing Operation</p> <p>Prismatic Roughing Operation</p> <p>Profile Contouring Operation</p> <p>Curve Following Operation</p> <p>Groove Milling Operations</p> <p>Creating a Machining Feature</p> <p>Prismatic Machining Area</p> <p>Creation Prismatic Rework Area</p> <p>Creation</p>	

<p>CATIA V5 Prismatic Machining (cont'd)</p>	<p>Curve Following Operation Groove Milling Operations Creating a Machining Feature Prismatic Machining Area Creation Prismatic Rework Area Creation</p>
<p>CATIA V5 3- Axis Surfacing Machining</p>	<p>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</p>
<p>Multi-Axis Machining</p>	<p>Handling Machining Axis Changes Machine Rotation Multi-Axis Sweeping Multi-Axis Contour Driven Multi-Axis Curve Machining</p>



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