







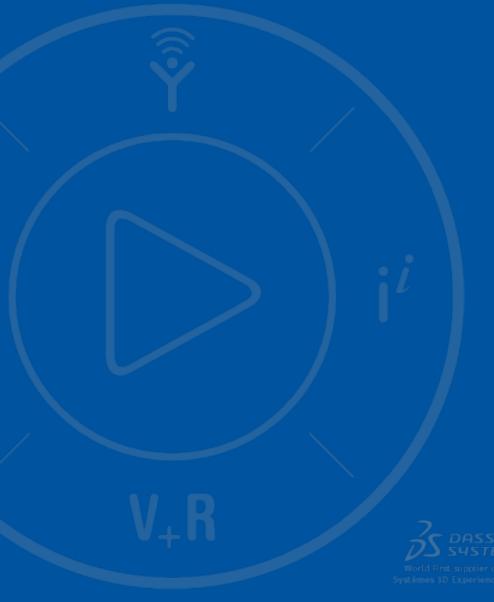
Objective: This course enables users to define and manage NC programs dedicated to machining parts designed with Surface or Solid Geometry using prismatic (2.5 Axis) operations, 3-Axis machining techniques, 4 and 5 Axis machining operations and being aware of all capabilities in terms of strategies, 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	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 Mgmt The different Process Views Geometry wizard (edge, surface)
CATIA V5 Prismatic Machining	Facing Operation Pocketing Operation Prismatic Roughing Operation Profile Contouring Operation Curve Following Operation Groove Milling Operations Creating a Machining Feature Prismatic Machining Area Creation Prismatic Rework Area Creation



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







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