

Solidworks Advanced part modelling – 2 days

Description	This course teaches how to use multibody solids, sweeping and lofting features, and the more advanced shaping capabilities of SolidWorks.
Prerequisites	Solidworks Essentials course

<p>Introduction About This Course Hide/Show Tree Items</p> <p>Lesson 1: Sketching with Splines Sketching Splines Introducing: Spline Introducing: Show Curvature Combs Sketch Picture Introducing: Sketch Picture Review</p> <p>Lesson 2: Multibody Solids: How They Work Multibody Solids Multibody Techniques Introducing: Solid Bodies Folder Feature Scope Patterning Bodies Tool Body Introducing: Insert Part Introducing: Move/Copy Bodies Combining Bodies Introducing: Combine</p> <p>Lesson 3: Uses of Multibody Solids Common Bodies Indent Feature Introducing: Delete Body Local Operations Modelling Negative Space Using Cut to Create Multibodies Saving Solid Bodies as Parts and Assemblies Introducing: Insert into New Part Introducing: Save Bodies Splitting a Part into Multibodies Introducing: Split Creating an Assembly Introducing: Create Assembly Using Split Part with Legacy Data</p>	<p>Lesson 4: Introduction to Sweeping Sweeping Case Study: Faux Raised Panel Door Sweep with Guide Curves Case Study: Bottle Sweep Options Sweep with Guide Curves Introducing: Dome Introducing: Selection Manager</p> <p>Lesson 5: Working with Curves Case Study: Modelling a Spring Sweeping Along a 3D Path 3D Sketching Introducing: Helix and Spiral Introducing: Projected Curve Introducing: Composite Curve Introducing: Fit Spline Applying the Label to the Bottle Modelling Threads Case Study: Creating a Curve Through a Set of Points Sketch Blocks Introducing: Sketch Blocks Equation Driven Curves Introducing: Equation Driven Curve Introducing: Split Line</p>	<p>Lesson 6: Advanced Sweeping Orientation and Twist Control Align with End Faces Sweeping Along Model Edges Sweeping a Tool Body</p> <p>Lesson 7: Lofts Lofting and Sweeping: What's the Difference? How Lofting Works Basic Lofting Introducing: Loft Using Derived and Copied Sketches Copying a Sketch Derived Sketches Introducing: Insert Derived Sketch Centreline Lofting Introducing: Split Entities Cleaning Up a Model Introducing: Delete Face Introducing: Deviation Analysis Advanced Lofting Layout Sketches Boundary Feature</p> <p>Lesson 8: Other Advanced Tools Advanced Fillets Analysing Geometry Introducing: Display Curvature Introducing: Intersection Curve Introducing: Zebra Stripes Introducing: Wrap Feature Deform Feature Introducing: Deform Introducing: Knit Surface Move Face and Delete Face Introducing: Move Face Performance Considerations</p>
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