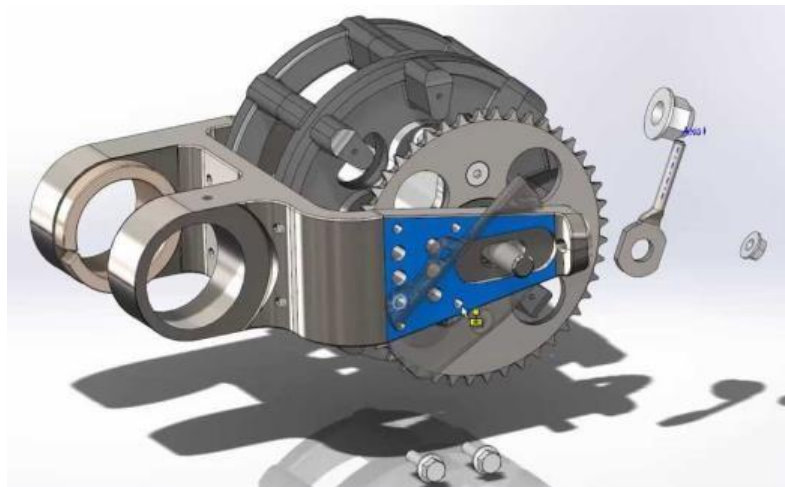


Solidworks Advanced Part Modeling – 2 days

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>Lesson 1: Multibody Design Techniques Multibody Parts Multibody Design Techniques Solid Bodies Folder Local Operations Feature Scope Patterning Bodies Tool Body Technique Combining Bodies Intersect with Solid Bodies Indent Feature Delete/Keep Body Feature</p> <p>Lesson 2: Saving Solid Bodies Multibody Part vs Assembly Saving Bodies Functions Insert into New Part Save Bodies Modeling for Rapid Tooling Splitting a Part into Multiple Bodies Automating an Assembly</p> <p>Lesson 3: Sketching with Splines Curves in Sketches Using Sketch Pictures Splines Adding Spline Relations Changing the Shape of Spline Fully Defining Splines Evaluating Splines Analysing Solid Geometry Style Spline Fit Spline</p>	<p>Lesson 4: Introduction to Sweeping Sweeping Sweep with Guide Curves The Selection Manager</p> <p>Lesson 5: 3D Sketching & Curved Features Curve Features Sweeping Along 3D Path 3D Sketching Helix Curve Creating a 3D Curve from Orthogonal Views Projected Curve Feature Combining Curves Smoothing Transitions</p> <p>Lesson 6: Threads & Library Feature Parts Library Feature Parts Saving Library Feature Parts Performance Considerations Creating the Sweep Path Sweeping Along Model Edges</p> <p>Lesson 7: Advanced Sweeping Sweep Options Additional Sweep Settings Profile Orientation Intersection Curve Feature Visualizing Sweep Sections Solid Profile</p>	<p>Lesson 8: Introduction to Loft and Boundary Features Comparing Complex Features How Lofting and Boundary work Loft Feature Boundary Feature Modify Sketch Derived Sketches Boundary Preview Options Sketch Block and Library Feature Profiles</p> <p>Lesson 9: Advanced Loft and Boundary Features Additional Curves in Loft and Boundary Centreline Lofting Loft Preview Options Adding Sketch Segments Cleaning Up a Model Deleting Faces Evaluating Edges Face Fillets</p> <p>Lesson 10: Advanced Filleting and Other Features Fillet Settings Fillet Parameters Constant Size Fillets Delete Face: Delete and Fill Fillet Options Variable Size Fillets Face Fillets FilletXpert Other Advanced Features Wrap Feature Deform Feature Direct Editing</p>
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To Book call: 1300 SWX CAD (1300 799 223)

