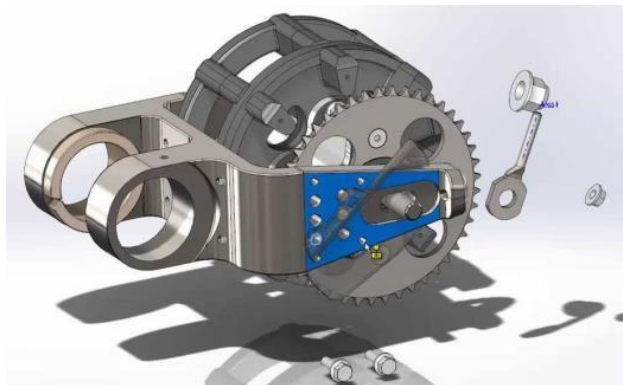


**Solidworks Assembly Modeling – 2 days**

Description	This course teaches how to maximize your use of the assembly modelling capabilities of SolidWorks including ‘Top-Down’ Assembly modeling and managing large assemblies
Prerequisites	Solidworks Essentials course Solidworks advanced part modeling course

<p><b>Lesson 1: Advanced Mate Techniques</b>                  SOLIDWORKS Assemblies                  Assembly File Structure                  File References                  Solving Mates                  Mate References                  Design Library Parts                  Capture Mate References                  Multiple Selection Mate References                  Multiple Mate Mode                  Driven Mates                  Using Misaligned Mates                  Copying Multiple Components                  Using Copy with Mates                  Fixed Components                  Advanced Mate Features                  Profile Centre Mate                  Rack Pinion Mate</p> <p><b>Lesson 2: Top-Down Assembly Modeling</b>                  Top-Down Assembly Modeling                  Stages in the Process                  Making Changes to the Dimensions                  Adding Features In-context                  Inserting a New Part into an Assembly                  Building In-context Features                  Propagating Changes                  Saving Virtual Parts as External                  External References                  Breaking and Locking External                  References                  Removing External References</p>	<p><b>Lesson 3: Assembly Features, Smart Fasteners and Smart Components</b>                  Assembly Features and Smart Fasteners                  Assembly Features                  Smart Fasteners                  Smart Components</p> <p><b>Lesson 4: Assembly Editing</b>                  Assembly Editing                  Key Topics                  Editing Activities                  Replacing and Modifying Components                  Trouble-shooting an Assembly                  Replacing Components using Save-As                  Reloading Components                  Component Patterns</p> <p><b>Lesson 5: Using Configurations with Assemblies</b>                  Using Configurations with Assemblies                  Creating Configurations Manually                  Configuration Properties                  Using Modify Configurations Dialog                  Changing Configurations using Context Toolbar                  Managing the Tree Display                  Assembly Evaluation Tools                  Controlling Dimensions in an Assembly                  Creating an Equality                  Equations with Functions                  Sensors                  Using Mate Controller</p>	<p><b>Lesson 6: Display States and Appearances</b>                  Display States                  Bulk Selection Tools                  Advanced Select                  Envelopes                  Appearances, Materials and Scenes</p> <p><b>Lesson 7: Large Assemblies</b>                  Large Assemblies                  Key Topics                  Lightweight Components                  Large Assembly Mode                  Using SpeedPak                  Using Configurations with Large Assemblies                  Defeature                  Modifying Structure of an Assembly                  Assembly Visualisation                  Large Design Review                  Tips for Faster Assembly                  Drawing Considerations</p> <p><b>Lesson 8: Facility Layout</b>                  Facility Layout                  Publishing an Asset                  Using Magnetic Mates                  Modeling Connection Point                  Geometry</p> <p><b>Lesson 9: Using SOLIDWORKS Treehouse</b>                  SOLIDWORKS Treehouse                  Setting Treehouse Instances                  Exporting Treehouse Data</p>
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To Book call: 1300 SWX CAD (1300 799 223)

