

Certified SolidWorks Sheet Metal			
Course Code: CAD05	Level: 3	Duration: 2 Day	Price in Training Vouchers: 2
Manuals Supplied	Sheet Metal		
Description	This course teaches you how to build sheet metal parts using SolidWorks. Building standalone sheet metal parts, and converting conventional parts to sheet metal, including in assembly context, are covered.		
Prerequisites	CAD01 (Certified SolidWorks Essentials – Part & Assembly Modelling) CAD02 (Certified SolidWorks Drawings & Detailing)		
The topics covered in this course are:			
<p>Introduction About This Course Windows® 7 Use of Colour</p> <p>Lesson 1: Sheet Metal Flange Method What are Sheet Metal Parts? Sheet Metal Methods Base Flange Flat Pattern Edge Flanges Editing Sheet Metal Settings Cuts in Sheet Metal Break Corner Sheet Metal Parts in Drawings</p> <p>Lesson 2: Sheet Metal Convert Method Sheet Metal Conversion Topics</p>	<p>Converting to Sheet Metal Imported Geometry to Sheet Metal Using the Rip Feature Adding Bends in Place of Sharp Corners Sheet Metal Features Making Changes Adding a Welded Corner</p> <p>Lesson 3: Multibody Sheet Metal Parts Multibody Sheet Metal Parts Methods to Create Multibody Sheet Metal Parts Creating Multibodies by Sketching Mitre Flange The Cut List Folder Cuts using Multibodies Patterning Sheet Metal Bodies Sheet Metal Properties Multibody Drawings</p>	<p>Using Mirror and Insert Part Interfering Bodies Exporting Sheet Metal Bodies Using Split</p> <p>Lesson 4: Sheet Metal Forming Tools Sheet Metal Forming Tools Modifying an Existing Forming Tool Creating a Custom Forming Tool</p> <p>Lesson 5: Additional Sheet Metal Features and Techniques Additional Sheet Metal Features Using Symmetry Additional Modelling Techniques In-Context Methods Process Plans</p>	

Certified SolidWorks Weldments			
Course Code: CAD06	Level: 3	Duration: 1 Day	Price in Training Vouchers: 2
Manuals Supplied	Weldments		
Description	This course teaches you how to create welded structures with standard structural members. Weld beads are also covered.		
Prerequisites	CAD01 (Certified SolidWorks Essentials – Part & Assembly Modelling) CAD02 (Certified SolidWorks Drawings & Detailing)		
The topics covered in this course are:			
<p>Introduction About This Course Windows® 7 Use of Colour Toolbars</p>	<p>Lesson 1: Weldments Weldments Structural Members Groups vs. Structural Members Manual Trimming of Structural Members Adding Plates Gussets and End Caps Using Symmetry Profile Sketches Working with Weldments Managing the Cut List Custom Properties Representing Welds</p>	<p>Lesson 2: Weldment Drawings Weldment Drawings</p> <p>Lesson 3: Working with Pipes and Tubing Working with Pipes and Tubing 3D Sketching Weldments and Sheet Metal in Assemblies</p>	