

<b>Certified SolidWorks Essentials Drawings &amp; Detailing</b>			
<b>Course Code:</b> CAD02	<b>Level:</b> 2	<b>Duration:</b> 2 Days	<b>Price in Training Vouchers:</b> 2
<b>Manuals Supplied</b>	SolidWorks Drawings		
<b>Description</b>	This course teaches you how to make detailed drawings of SolidWorks parts and assemblies.		
<b>Prerequisites</b>	CAD01 (Certified SolidWorks Essentials – Part & Assembly Modelling)		
<b>The topics covered in this course are:</b>			
<p><b>Introduction</b>                      About This Course                      Windows® XP                      Use of Colour</p> <p><b>Lesson 1: Drawing Sheets and Views</b>                      Drawing Sheets and Views                      Terminology                      Drawing Views                      Sketching in Drawing Views                      View Settings                      Centremarks and Centrelines                      Model Edges in the View</p> <p><b>Lesson 2: Dimensions</b>                      Dimensions                      Moving and Deleting Dimensions                      Dimension Properties</p> <p><b>Lesson 3: Annotations</b>                      Adding Annotations                      Annotation Types                      Blocks</p>	<p><b>Lesson 4: Sheet Formats and Templates</b>                      Sheet Formats and Templates                      Drawing Templates                      Properties in the Template                      User Defined Properties                      Customizing a Sheet Format                      Importing Legacy Data                      Define Title Block                      Updating Sheet Formats</p> <p><b>Lesson 5: Assembly Drawing Views</b>                      Assembly Drawing Views                      Creating Views of Assemblies</p> <p><b>Lesson 6: Bill of Materials and Tables</b>                      Creating and Managing a Bill of Materials                      The Bill of Materials                      Adding a BOM                      Modifying the BOM                      Tabulated Bill of Materials                      Design Tables in the Drawing</p> <p><b>Lesson 7: Performance and Display Issues</b>                      Performance and Display Issues</p>	<p>Large Assembly Mode                      Lightweight Drawings                      Detached Drawings                      Display Issues in Drawing Views</p> <p><b>Lesson 8: Drawing References and Comparison</b>                      Reusing a Drawing File                      Changing Drawing References                      Using DrawCompare                      SolidWorks Design Checker</p> <p><b>Lesson 9: Using DimXpert and TolAnalyst</b>                      DimXpert                      Tolerance Types and Features                      DimXpert Selections                      Settings for DimXpert                      Auto Dimension Scheme                      Turned Part                      Using Plus and Minus                      DimXpert Annotations and Drawings                      Using DimXpert Manually</p> <p><b>Appendix A: Preparations for Detailing</b></p>	

<b>Certified SolidWorks File Management</b>			
<b>Course Code:</b> CAD03	<b>Level:</b> 3	<b>Duration:</b> 1 Day	<b>Price in Training Vouchers:</b> 2
<b>Manuals Supplied</b>	File Management		
<b>Description</b>	This course teaches you how to manage files within SolidWorks. This course should be taken before any of the SolidWorks Enterprise PDM courses, and is also ideal for any SolidWorks user not using SolidWorks Enterprise PDM. It includes explanations of the SolidWorks file structure, file references, file associativity, and how to manage a multi-user environment.		
<b>Prerequisites</b>	CAD01 (Certified SolidWorks Essentials – Part & Assembly Modelling) CAD02 (Certified SolidWorks Drawings & Detailing)		
<b>The topics covered in this course are:</b>			
<p><b>Introduction</b>                      About This Course</p> <p><b>Lesson 1: SolidWorks File Structure</b>                      Understanding SolidWorks Files                      SolidWorks File Structure                      Case Study: Reducing File Size                      File Shadowing                      Configuration Bodies                      Case Study: External References                      File References                      File Reference Example                      SolidWorks File Conversion                      Case Study: File Conversion                      Opening Files                      Case Study: RAM Resident                      Reload                      Case Study: Quick View                      Case Study: Read-only</p>	<p><b>Lesson 2: Saving Files</b>                      Saving Files                      Case Study: Save Options                      Editing References                      Automatic File Backup                      Case Study: Backup/Recover                      File Properties                      Property Tab Builder                      Case Study: File Properties                      Additional Data                      Design Binder</p> <p><b>Lesson 3: File References</b>                      External Reference Search Order                      Case Study: Searching for References                      Recursive Searches                      Changing References                      Case Study: In-context Features                      Locking and Breaking References                      SolidWorks Explorer                      Case Study: SolidWorks Explorer</p>	<p><b>Lesson 4: Shared Files</b>                      Working in a Collaborative Environment                      Production Files                      Case Study: Sharing Files                      Reload                      Multiple In-context References to the Same Part                      Case Study: Motor Mounting Bracket                      Support Files                      Case Study: Shared File Locations                      SolidWorks Add-Ins                      Toolbox                      Case Study: Toolbox Parts                      PhotoWorks Files                      Case Study: PhotoWorks Files                      SolidWorks Explorer for Revision Management                      Case Study: Revision Management</p>	