



SOLIDWORKS MODEL BASED DEFINITION

PREREQUISITES	LENGTH	DESCRIPTION
<ul style="list-style-type: none"> ■ SolidWorks Essentials or equivalent experience. 	<p>1 Day</p>	<ul style="list-style-type: none"> ■ The goal of this course is to teach you how to use SolidWorks Model Based Definition (MBD) to present product and manufacturing information (PMI) in a 3D PDF file. This includes the use of DimXpert and annotation views combined with the capturing and publishing of 3D views.
<p>INTRODUCTION TO SOLIDWORKS MBD</p> <ul style="list-style-type: none"> ■ What is SolidWorks MBD? ■ MBD using Feature Dimensions ■ Sharing 3D Views ■ MBD using DimXpert ■ DimXpert Capabilities ■ eDrawings and MBD ■ STEP 242 Files ■ MBD and Assemblies 		<p>CAPTURING 3D VIEWS</p> <ul style="list-style-type: none"> ■ 3D Views ■ Activating and Modifying 3D Views ■ Using 3D Views Options ■ Publishing PMI ■ Special 3D View Types ■ Model Break View ■ Exercise 5: Main Body 3D Views ■ Exercise 6: Publishing PMI ■ Exercise 7: Broken-Out Section and Break Views ■ Exercise 8: Auxiliary View
<p>USING FEATURE DIMENSIONS & ANNOTATION VIEWS</p> <ul style="list-style-type: none"> ■ Using Feature Dimensions with MBD ■ Default Annotation Views ■ Optimizing Settings ■ Adding and Organizing Annotations ■ Adding Reference Dimensions ■ Modifying Dimensions ■ Creating a Section Annotation View ■ Editing an Annotation View ■ Notes Area ■ Using Tables ■ Exercise 1: Main Body Annotation Views ■ Exercise 2: Adding Notes and Tables ■ Exercise 3: Flange Annotation Views ■ Exercise 4: Fork Annotation Views 		<p>3D PDF TEMPLATE EDITOR</p> <ul style="list-style-type: none"> ■ 3D PDF Template Editor ■ Areas of the Template ■ Text Types ■ Other Template Aspects ■ Building a Custom Template ■ Saving and Storing Custom Template ■ Testing the Template ■ Exercise 9: Create the 3D PDF Part Template