

SOLIDWORKS MBD Course

LENGTH: 1 DAY

Prerequisites: SOLIDWORKS Essentials

Description: The goal of this course is to teach you how to use SOLIDWORKS MBD to present product and manufacturing information (PMI) in a 3D PDF file. This includes the use of DimXpert and annotation views.



Topics covered in this course are:

Introduction:

- About This Course
- Windows® 7
- Use of Color

Lesson 1: What is SOLIDWORKS MBD?

- Preparing the Part or Assembly
- DimXpert Tools
- Capturing 3D Views
- Publishing a 3D PDF and eDrawings
- 3D PDF Templates

Lesson 2: Using DimXpert

- DimXpert
- DimXpert Selections
- Settings for DimXpert
- Auto Dimension Scheme
- DimXpert Features
- DimXpert Annotations

Lesson 3: Adding Size and Location Dimensions

- Special Selection Techniques
- Manually Creating DimXpert annotations
- DimXpert Annotations and 2D Drawings

Lesson 4: Turned Parts

- Turned Parts
- Using Plus and Minus
- Tolerance Rule Checking

Lesson 5: Annotation Views

- Annotation Views
- Types of Annotation Views
- Manipulating Annotation Views
- Using Configurations
- Modifying Dimension Attachments

Lesson 6: Capturing 3D Views

- Capturing 3D Views
- 3D Views for Parts
- 3D Views for Assemblies
- Breaking Views
- Using Feature and Reference Dimensions

Lesson 7: Publishing PDF and eDrawings Files

- Publishing PDF and eDrawings Files
- Publishing a Part to a 3D PDF
- 3D View Manipulation
- Publishing a Part to an eDrawings File
- Publishing an Assembly to a PDF
- Publishing an Assembly to an eDrawings File

Lesson 8: 3D PDF Template Editor

- 3D PDF Template Editor
- Modifying a Template
- Using the Template



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