



*Transferring Technology...*

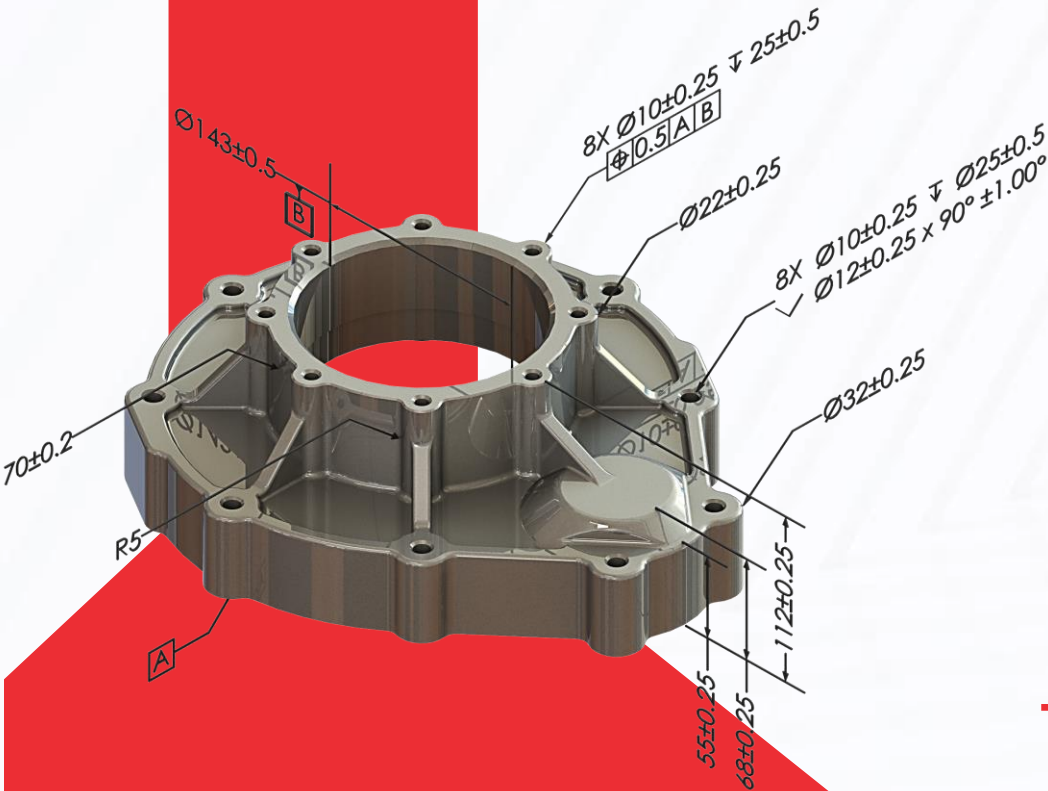
# SOLIDWORKS MBD

**COURSE**



**Contact us:**

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**COURSE DESCRIPTION** : SolidWorks - MBD

**COURSE DURATION** : 20 hrs.

## **SYLLABUS**

### **Module 1: Introduction to SolidWorks MBD**

- What is SolidWorks MBD?
- MBD using Feature Dimensions
- 3D PDF Capabilities
- Annotations views
- 3D views
- Notes area
- Dynamic annotation views
- 3D pdf, eDrawings & STEP 242 files

### **Module 2: Using feature dimensions and annotation views.**

- Using feature dimensions with MBD
- Default annotation view
- Adding reference dimensions
- Unassigned items
- Creating an annotation view
- Editing an Annotation view
- Creating notes area

### **Module 3: Capturing 3D views.**

- 3D views tab
- Capture 3D view
- Activating and modifying 3D views
- Using multiple annotation views
- Special 3D view types
- Publishing PMI in 3D PDF and eDrawings File formats
- Creating a Section annotation view
- Model Break view
- Broken out section view.

### **Module 4: 3D PDF template editor**

- 3D PDF template editor
- Area of the template
- BOM Table area
- Text types

- Building a custom template
- Saving and storing custom template
- 3D PDF theme file location

### **Module 5: Using DimXpert**

- What is DimXpert?
- DimXpert settings
- DimXpert dimension settings
- How DimXpert Works
- Auto dimension scheme
- DimXpert manager
- Show tolerance status.
- Modifying DimXpert annotations
- Publish using default views.
- Creating Multiple schemes
- Feature selector toolbar
- Unique DimXpert Options

### **Module 6: MBD and Assembly models**

- Assembly Models and MBD
- Assembly level dimensions
- Optimizing settings in assemblies
- Adding assembly annotations
- BOM tables and balloons
- Publishing assembly PMI
- Additional MBD Tools

### **Certificate:**

On successful completion of the course and evaluation, the Certificate will be issued by aCADemix.

## OTHER COURSES

### **SolidWorks 3D CAD**

- SolidWorks-Basics
- SolidWorks-Advanced
- SolidWorks- Mold Design
- SolidWorks- Routing
- SolidWorks-Composer
- SolidWorks-Piping & Tubing

### **SolidWorks Simulation**

- SW Simulation-Advanced
- SW Simulation-Fatigue FEA
- SW Simulation-Drop Test FEA
- SW Simulation-Dynamic FEA
- SolidWorks Motion
- SolidWorks Plastics

### **SolidWorks Flow Simulation**

- SolidWorks Flow Simulation

### **Design For Quality (DFQ)**

- GD&T-Introduction
- GD&T-Advanced
- Tolerance Stack-Up Analysis
- DFMEA

### **SolidWorks Automation**

- SolidWorks API - Basics
- SolidWorks API - Advanced

### **SolidWorks PDM**

- SolidWorks PDM- User
- SolidWorks PDM - Admin

### **SolidWorks PDM Automation**

- SolidWorks PDM- Automation

### **Abaqus CAE**

- Abaqus CAE - Linear Static Analysis