

**Course Duration: : 2 days**

**Prerequisites:** SolidWorks Essentials

**Description:** This course teaches you how to produce high quality drawings of SolidWorks parts and assemblies.

The topics covered in this course are:

**Drawing Sheets and Views**

- Drawing Sheets and Views
- Terminology
- Drawing Views
- Sketching in Drawing Views
- View Settings
- Countermarks and Centrelines
- Model Edges in the View

**Dimensions**

- Dimensions
- Moving and Deleting Dimensions
- Dimension Properties

**Annotations**

- Adding Annotations
- Annotation Types
- Blocks

**Sheet Formats and Templates**

- 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

**Assembly Drawing Views**

- Assembly Drawing Views
- Creating Views of Assemblies

**Bill of Materials and Tables**

- 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

**Performance and Display Issues**

- Performance and Display Issues
- Large Assembly Mode
- Lightweight Drawings
- Detached Drawings
- Display Issues in Drawing Views

**Drawing References and Comparison**

- Reusing a Drawing File
- Changing Drawing References
- Using DrawCompare
- Design Checker

**Using DimXpert and TolAnalyst**

- 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
- TolAnalyst

**Appendix A:** Preparations for Detailing

**Contact Details**

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