



## SolidWorks Advanced Drawings

Prerequisites	Length	Description
Basic experience with SolidWorks software Parts, Assemblies + Drawings course.	3 Days	This course will provide an in-depth coverage of making advanced drawings of SolidWorks parts and assemblies.

### Review of the basics

- Review of Essentials
- Drawing System Options
- Beginning a New Drawing
- View Palette and Model Views
- Detailing Techniques
- Section Views
- Detail Views
- Moving Dimensions

### Understanding Drawing Templates

- Structure of a Drawing Document
- Drawing Document
- Drawing Sheet
- Sheet Format
- Understanding Drawing Templates
- Drawing Template Design Strategy
- Designing a Drawing Template
- Creating a Sample Model and Drawing

### Customizing the Sheet Format

- Customize the Sheet Format
- Completing the Title Block Sketch
- Completing the Title Block Notes
- Tips for Locating Notes
- Adding a Company Logo
- Defining the Border
- Setting Anchors

### Saving and Testing the Sheet Format File

- Understanding Sheet Format Properties
- Understanding Sheet Format Behavior
- Saving the Sheet Format
- Testing the Sheet Format
- Testing Sheet Format Properties

### Creating Additional Sheet Formats and Templates

- Creating Additional Sheet Formats
- Drawing Templates with Sheet Formats
- Other Drawing Template Items
- Property Tab Builder

### Advanced Options for Drawing Views

- Advanced Drawing Views

- Showing Hidden Edges
- Broken-out Section Edges
- Auxiliary View
- Rotating Views
- Crop View
- Understanding View Focus
- Advanced Views for Assemblies
- Section Scope
- Alternate Position View
- Custom View Orientations

### Understanding Annotations Views

- Understanding Annotation Views
- Understanding Annotation Behavior
- Annotations Folder
- Default Annotation Views
- Annotations View Visibility
- Editing Annotation Views

### Advanced Detailing Views

- Detailing Tools
- Annotation Views vs Model Items
- Parametric Notes
- Dimensions Types
- Arranging Dimensions
- Dimension Styles
- Location Labels

### Advanced Options for BOM Tables

- Tables in SolidWorks
- Bill of Materials Properties
- Displaying the BOM Assembly Structure
- Modifying a Table
- Saving a Table Template
- Properties in BOM Tables
- BOM Component Options
- Balloon Indicator

### Additional SolidWorks Tables

- Additional SolidWorks Tables
- Inserting a Hole Table
- Splitting a Table
- Using a Revision Table
- Leader Annotation Options
- Design Tables in Drawings





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#### Additional Drawing Tools

- Reusing Drawings
- Draw Compare
- SolidWorks Design Checker
- SolidWorks Task Scheduler

#### Managing Performance

- Managing Performance
- Performance Evaluation
- Detailing Practices
- System Options & Document Properties
- Open Options
- Detached Drawings
- Hardware and Performance
- Additional Considerations



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