



SOLIDWORKS ADVANCED DRAWINGS

PREREQUISITES	LENGTH	DESCRIPTION
<ul style="list-style-type: none"> ■ Basic experience with SolidWorks software Parts, Assemblies+ Drawings course. 	<p>3 Days</p>	<ul style="list-style-type: none"> ■ This course will provide an in-depth coverage of making advanced drawings of SolidWorks parts and assemblies.
<p>▶ REVIEW OF THE BASICS</p> <ul style="list-style-type: none"> ■ Review of Essentials ■ Drawing System Options ■ Beginning a New Drawing ■ View Palate and Model Views ■ Detailing Techniques ■ Section Views ■ Detail Views ■ Moving Dimensions <p>▶ UNDERSTANDING DRAWING TEMPLATES</p> <ul style="list-style-type: none"> ■ 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 <p>▶ CUSTOMIZING THE SHEET FORMAT</p> <ul style="list-style-type: none"> ■ 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 		<p>▶ SAVING & TESTING THE SHEET FORMAT FILE</p> <ul style="list-style-type: none"> ■ Understanding Sheet Format Properties ■ Understanding Sheet Format Behavior ■ Saving the Sheet Format ■ Testing the Sheet Format ■ Testing Sheet Format Properties <p>▶ CREATING ADDITIONAL SHEET FORMATS</p> <ul style="list-style-type: none"> ■ Creating Additional Sheet Formats ■ Drawing Templates with Sheet Formats ■ Other Drawing Template Items ■ Property Tab Builder <p>▶ ADVANCED OPTIONS FOR DRAWING VIEWS</p> <ul style="list-style-type: none"> ■ 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 Orientation



SOLIDWORKS ADVANCED DRAWINGS

► 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

► ADDITIONAL DRAWING TOOLS

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

► MANAGING PERFORMANCE

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