

TMS **CADCentre**

SOLIDWORKS®

Drawings - Condensed



Lesson 1: Advanced Options for Drawing Views

- Advanced Drawing Views
- Showing Hidden Edges
- Drawing View Properties Dialog
- Broken-out Section View
- Editing Broken-out Section Views
- Auxiliary View
- Rotating Views
- Crop View
- Understanding View Focus
- Editing Crop Views
- Advanced Views for Assemblies
- Section Scope
- Alternate Position View
- Editing Alternate Position Views
- Using Configurations
- Using Display States
- Custom View Orientations
- New View
- Relative View
- 3D Drawing Views
 - Exercise 1: View Practice
 - Exercise 2: Auxiliary Views
 - Exercise 3: Broken Views
 - Exercise 4: Heater Assembly
 - Exercise 5: Pivot Conveyor
 - Exercise 6: Housing

Lesson 2: Understanding Annotation Views

- Understanding Annotation Views
- Understanding Annotation Behavior
- What are Annotation Views?
- Annotations Folder
- Default Annotation Views
- Annotations View Visibility
- Insert Annotation View
- Editing Annotation Views
- Annotation Update
- Annotations Folder in Drawings
- Exercise 7: Editing Annotation Views

Lesson 3: Advanced Detailing Tools

- Detailing Tools
- Annotation Views vs. Model Items
- Using Annotation Views in Existing Drawing Views

- Combining Annotation Views and Model Items
- Parametric Notes
- Dimension Types
- Chamfer Dimension
- Ordinate Dimensions
- Ordinate Dimension Options
- Baseline Dimensions
- Chain Dimensions
- Baseline Dimension Alignment
- Autodimension
- Arranging Dimensions
- Aligning Linear Diameter Dimensions
- Location Labels
 - Exercise 8: Detailing Practice
 - Exercise 9: Dimension Types
 - Exercise 10: Chain Dimensions
 - Exercise 11: Arranging Dimensions

Lesson 4: Using Layers, Styles and the Design Library

- Using Layers
- Layer Properties Dialog
- Automating Layers
- Reusing Dimension Properties
- Format Painter
- Dimension Styles
- Recent Options in the Dimension Palette
- Annotations in the Design Library
- Design Library Shortcuts
- Adding Notes to the Design Library
- Building a Custom Note Block
- Flag Note Bank
 - Exercise 12: Using Layers
 - Exercise 13: Dimension Styles
 - Exercise 14: Annotations and the Design Library

Lesson 5: Advanced Options for BOM Tables

- Tables in SOLIDWORKS
- Bill of Materials Properties
- Displaying the BOM Assembly Structure
- Modifying a Table
- Filtering a BOM Table
- Clearing BOM Filters
- Saving a Table Template
- Table Export Options
- Properties in BOM Tables
- Breaking Property Links

- BOM Quantity
- BOM Part Numbers
- Exclude from BOM
- Child Component Display
- BOM Component Options
- Balloon Indicator
 - Exercise 15: Bill of Materials
 - Exercise 16: Magnetic Lines

Lesson 6: Additional SOLIDWORKS Tables

- Additional SOLIDWORKS Tables
- Inserting a Hole Table
- Adjusting Hole Table Settings
- Splitting a Table
- Using a Revision Table
- Markup
- Adding a Revision
- Leader Annotation Options
- Design Tables in Drawings
 - Exercise 17: Hole Table
 - Exercise 18: Revision and Design Tables

Lesson 7: Additional Drawing Tools

- Reusing Drawings
- Replace Model
- Another Technique
- Open with a New Reference
- Save As with References
- Pack and Go
- DrawCompare
- DrawCompare Options
- Compare Documents
- SOLIDWORKS Design Checker
- SOLIDWORKS Task Scheduler
- Updating Custom Properties
 - Exercise 19: Open with New Reference
 - Exercise 20: Save As with References
 - Exercise 21: Pack and Go
 - Exercise 22: SOLIDWORKS Task Scheduler
 - Exercise 23: SOLIDWORKS Design Checker

Lesson 8: Managing Performance

- Managing Performance
- Performance Evaluation
- Open Progress Indicator
- Detailing Practices

- System Options & Document Properties
- Open Options
- Open Modes
- Selecting Sheets
- Explore Lightweight Mode Functions
- Automated Lightweight Mode
- Explore Detailing Mode Functions
- Understanding Detailing Mode Settings
- Out of Date Views
- Opening Drawings with Missing References
- Hardware and Performance
- Additional Considerations
- Quick Reference Guide