

# SOLIDWORKS Drawings

**Length: 1 Day**

**Prerequisite:** SOLIDWORKS Essentials

**Description:** SOLIDWORKS Drawings teaches you how to make drawings of SOLIDWORKS parts and assemblies. This course is designed for users working in drawings and does not cover 3D model making.

## Course Syllabus

### **Introduction**

- About This Course
- Windows
- Use of Color
- More SOLIDWORKS Training Resources

### **Lesson 1 – Drawing Sheets and Views**

- Drawing Sheets and View
- Sheets and Formats
- Terminology
- Drawing Views
- Sketching in Drawing Views
- View Settings
- Centermarks and Centerlines
- Model Edges in the View

### **Lesson 2 – Dimensions**

- Dimensions
- Manipulating Dimensions
- Dimension Properties

### **Lesson 3 - Annotations**

- Adding Annotations
- Annotation Types
- Blocks

### **Lesson 4 - Assembly Drawing Views**

- Assembly Drawing Views
- Creating Views of Assemblies

### **Lesson 5 - Sheet Formats and Templates**

- Sheet Formats and Templates
- Drawing Templates

- Properties in the Template
- User Defined Properties
- Customizing a Sheet Format
- Title Block Fields
- Updating Sheet Formats

### **Lesson 6 – 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
- Balloons
- Design Tables in the Drawing

### **Lesson 7 - Performance and Display Issues**

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

### **Lesson 8 - Drawing References and Comparison**

- Reuse a Drawing File
- Changing Drawing References
- Using DrawCompare
- SOLIDWORKS Design Checker

### **Appendix A - Preparations for Detailing**

- Preparations for Detailing
- Best Practices





**CADIMENSIONS IS A SOLIDWORKS  
CERTIFIED TRAINING CENTER**

CADIMENSIONS TRAINING CATALOG

