

# SolidWorks Drawings

**Length:** 1 day

**Prerequisites:** SolidWorks Essentials

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



## Lesson 1: Drawing Sheets and Views

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

## Lesson 2: Dimensions

- ❖ Dimensions
- ❖ Moving and Deleting Dimensions
- ❖ Dimension Properties

## Lesson 3: Annotations

- ❖ Adding Annotations
- ❖ Annotation Types
- ❖ Blocks

## Lesson 4: Sheet Formats and Templates

- ❖ Sheet Formats and Templates
- ❖ Drawing Templates
- ❖ Properties in the Template
- ❖ User Defined Properties
- ❖ Customizing a Sheet Format
- ❖ Define Title Block
- ❖ Updating Sheet Formats

## Lesson 5: Assembly Drawing Views

- ❖ Assembly Drawing Views
- ❖ Creating Views of Assemblies

## **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
- ❖ 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**

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