



Duration 3 Days

Prerequisites:

- SolidWorks Essentials

Course Outline

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

Introduction

About This Course
Windows 7
Use of Color

Lesson 1: Drawing Sheets and Views

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

Lesson 2: Dimensions

Manipulating Dimensions
Dimension Properties

Lesson 3: Annotations

Adding Annotations
Annotation Types
Blocks

Lesson 4: 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

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
Balloons
Tables in the Drawing

Lesson 7: 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
SolidWorks Design Checker
Summary