

Course: SOLIDWORKS Essentials

MFG

Description

Learn how to create parts and assemblies and how to make simple drawings of those parts and assemblies. In this 4-day course you will be guided through the latest version of SOLIDWORKS Essentials workbook with the support of our highly skilled and industry experienced trainer.

Training objectives

By the end of this course you will be competent in using SOLIDWORKS mechanical design automation software to build parametric models of parts and assemblies and how to make simple drawings of those parts and assemblies.

Prerequisites

Mechanical design experience. Experience with Windows Operating System.

Skills you will acquire

You will be able to create SOLIDWORKS parts, build assemblies and create basic drawings.

Who should attend

New CAD users, seasoned users of other CAD systems and veteran SOLIDWORKS users can all benefit from this training.

Delivery mode



Face-to-face



Virtual Classroom

Duration



4 days

Course Outline

- Lesson 1: SOLIDWORKS Basics and User Interface**
- Lesson 2: Introduction to Sketching**
- Lesson 3: Basic Part Modelling**
- Lesson 4: Symmetry and Draft**
- Lesson 5: Patterning**
- Lesson 6: Revolved Features**
- Lesson 7: Shelling and Ribs**
- Lesson 8: Editing: Repairs**
- Lesson 9: Editing: Design Changes**
- Lesson 10: Configurations**
- Lesson 11: Global variables and Equations**
- Lesson 12: Using Drawings**
- Lesson 13: Bottom-Up Assembly Modelling**
- Lesson 14: Using Assemblies**