

SOLIDWORKS Sheet Metal Course

LENGTH: 2 DAYS

Prerequisites: SOLIDWORKS Essentials

Description: Sheet Metal teaches you how to build sheet metal parts using SOLIDWORKS mechanical design automation software. Building standalone sheet metal parts, and converting conventional parts to sheet metal, including in assembly context, are covered.



Topics covered in this course are:

Introduction

- About This Course
- Windows 7
- Use of Color

Lesson 1:

Sheet Metal Flange Method

- What are Sheet Metal Parts?
- Sheet Metal Methods
- Base Flange
- Flat Pattern
- Edge Flanges
- Editing Sheet Metal Settings
- Cuts in Sheet Metal
- Break Corner
- Sheet Metal Costing
- Sheet Metal Parts in Drawings

Lesson 2:

Sheet Metal Convert Method

- Sheet Metal Conversion Topics
- Converting to Sheet Metal
- Imported Geometry to Sheet Metal
- Using the Rip Feature
- Adding Bends in Place of Sharp Corners
- Sheet Metal Features
- Making Changes
- Adding a Welded Corner

Lesson 3:

Multibody Sheet Metal Parts

- Multibody Sheet Metal Parts
- Methods to Create Multibody Sheet Metal Parts
- Creating Multibodies by Sketching
- Miter Flange
- The Cut List Folder
- Cuts using Multibodies
- Patterning Sheet Metal Bodies
- Sheet Metal Properties
- Multibody Drawings
- Using Mirror and Insert Part
- Interfering Bodies
- Exporting Sheet Metal Bodies
- Using Split

Lesson 4:

Sheet Metal Forming Tools

- Sheet Metal Forming Tools
- Modifying an Existing Forming Tool
- Creating a Custom Forming Tool

Lesson 5: Additional Sheet Metal

Features and Techniques

- Additional Sheet Metal Features
- Swept Flange
- Using Symmetry
- Additional Modeling Techniques
- Conical Swept Flange
- Sheet Metal Gusset
- In-Context Methods
- Process Plans

Appendix A: Sheet Metal Tables

- Tables
- Customizing Tables



Training Registration

View our upcoming training schedule and training locations.

[Training Calendar](#)



Alignex, Inc.

Toll Free: (866) 378-6829
Email: info@alignex.com

Training Registration

www.alignex.com/training-calendar