SOLIDWORKS TRAINING COURES SUMMARY

Exclusive from Conceptia Konnect, SOLIDWORKS Sheet-Metal Design course has been developed to deliver the power and potential to Gain the flexibility and cost-effectively create sheet metal part designs, accelerating the design process, saving time and development costs, and increasing productivity.

Prerequisites:

1. Knowledge of SOLIDWORKS and basic mechanical engineering concepts is recommended...
2. The engineer should have basic knowledge on Sheet-Metal Design.
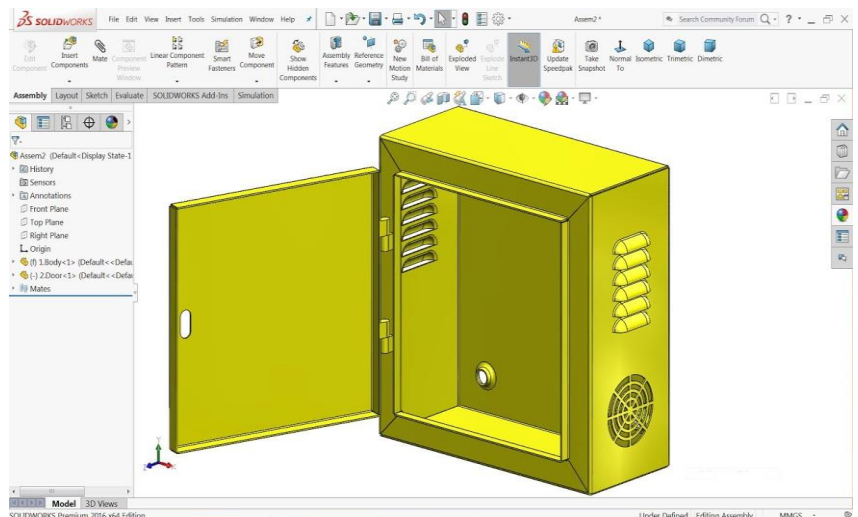
SOLIDWORKS Sheet-Metal Course Details: -

Introduction to Sheet-Metal Design.

➢ What is SOLIDWORKS?
➢ Course Design Philosophy
➢ About the Training
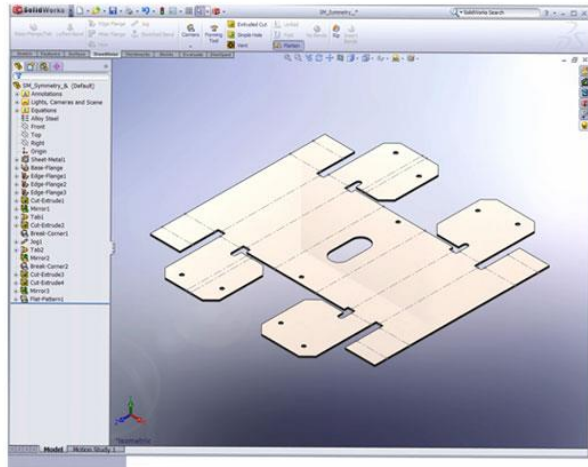➢ Build Mathematical Model

Basic Flange Features

➢ What are Sheet Metal Parts?
➢ Sheet Metal Methods
➢ Unique Sheet Metal Items
➢ Flange Method
➢ Base Flange/Tab
➢ Sheet Metal Parameters
➢ What is Bend Allowance?
➢ Editing Sheet Metal Parameters
➢ Sheet Metal Bend Features
➢ Edge Flanges.
➢ Editing the Flange Profile
➢ Flange Profile Relations
➢ Edge Flanges on Curved Edges
➢ Miter Flanges
➢ Hem Feature
➢ Tab Features

Working with the Flat Pattern

➢ Working with the Flat Pattern
➢ Flat Pattern Settings
➢ Features for Manufacture

- ➢ Corner-Trim Feature & Corner-Trim Settings
- ➢ Corners in the Formed State
- ➢ Closed Corner & Closed Corner Settings
- ➢ Corner Relief
- ➢ Break Corner/Corner Trim
- ➢ Flat Pattern Drawing Views
- ➢ Flat Pattern View Properties
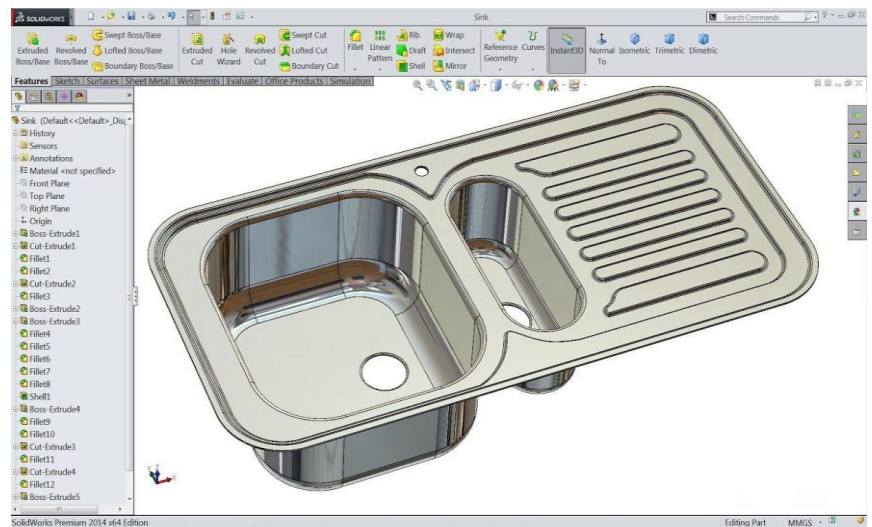- ➢ Drawing Document Properties
- ➢ Sheet Metal Tables

Additional Sheet Metal Techniques

- ➢ Additional Sheet Metal Methods
- ➢ Designing from the Flat
- ➢ Sketched Bend Feature
- ➢ Jog Feature
- ➢ Unfold and Fold
- ➢ Creating Cuts in the Flat Pattern.
- ➢ Swept Flange.
- ➢ Lofted Bends

Forming Tools and Gussets

- ➢ Sheet Metal Forming Tools
- ➢ How They Work
- ➢ Types of Forming Tools
- ➢ Standard Forming Tools
- ➢ The Forming Tools Folder
- ➢ Punch Tables and Punch ID
- ➢ Sheet Metal Gusset

NOTE: For More Details please contact vinay@ckonnect.in , 9886755854, 8881144856

Thanks & Regards,

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