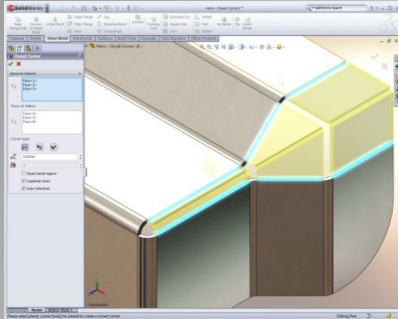


SolidWorks Sheet Metal Course Information



This course focuses on building sheet metal parts using SolidWorks CAD software. Building standalone sheet metal parts, converting parts to sheet metal, and modeling sheet metal parts in the context of an assembly are covered.

Course Length: 1 day

Hours: 8:30am – 4:30pm

Prerequisite:

- SolidWorks Essentials

Includes:

- Color Training Manual
- Completion Certificate

Course Contents:

•Modeling Sheet Metal Parts

- Sheet Metal Methods and Toolbar
- Designing with Sheet Metal Features
- Flanges and Angles
- Adding a Tab
- Flat Pattern and Cuts
- Sheet Metal Parts in Drawings

•Sheet Metal Forming Tools

- Standard and Custom

• Additional Sheet Metal Features

- Edge Flanges and Closed Corners
- Curved Edge Flanges
- Hems, Jog Feature, Manual Relief Cut
- Lofted Bends, Bend Deviation
- Designing in Flat
- Using Symmetry

•Converting Parts to Sheet Metal

- Convert to Sheet Metal Method
- Recognize Bends Method
- Opening IGES Files
- Using Rip Feature
- Adding Bends in Place of Sharp Corners
- Making Changes
- Adding a Welded Corner
- Unrolling Cones and Cylinders



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