



## SolidWorks Sheet Metal

Prerequisites	Length	Description
SolidWorks Essentials or equivalent experience.	1.5 Days	This course teaches students how to build sheet metal parts using SolidWorks mechanical design automation software. Building standalone sheet metal parts, converting conventional parts to sheet metal, and in-context assembly sheet metal are covered.

### Sheet Metal Flange Method

- Base Flange
- Edge Flanges
- Miter Flange
- Break Corner
- Flat Pattern
- Cuts in Sheet Metal
- Editing Sheet Metal Settings
- Sheet Metal Properties
- Sheet Metal Parts in Drawings

### Sheet Metal Convert Method

- Sheet Metal Conversion Topics
- Imported Geometry to Sheet Metal
- Using the Rip Feature
- Adding Bends
- Making Changes
- Adding a Welded Corner

### Multibody Sheet Metal Parts

- Methods to Create Multibody Sheet Metal Part
- Creating Multibodies by Sketching
- Using Split to Create Multibodies
- The Cut List Folder
- Multibody Drawings
- Evaluate Interfering Bodies
- Patterning Sheet Metal Bodies
- Using Mirror & Insert Part
- Cuts Using Multibodies
- Exporting Sheet Metal Bodies

### Sheet Metal Forming Tools

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

### Advanced Sheet Metal Features and Techniques

- Curved and Jog Flanges
- Hems
- Lofted Bends
- Additional Modeling Techniques
- Making Use of Symmetry
- In-Context Methods
- Process Plans

### Did You Know?

- CAD MicroSolutions keeps class sizes small (8 or less) to ensure that each student receives personal attention.
- A professionally catered lunch is provided each day.
- Our instructors have the highest level of certifications attainable.
- Our professional training facility is outfitted with optimized Dell and Boxx Workstations with 3DConnexion 3D Controllers.
- All attendees that successfully complete the course receive an official course certificate from *Dassault Systemes SolidWorks Corporation* recognizing their achievement.

***The CAD MicroSolutions Difference:  
Certified Training That Delivers Peak Performance***

