



*Hands on, Measurable
Training Programs*

CATIA V5 Generative Sheetmetal Design

Course Code	EDU-CAT-en-SMD-F
Brand & Release	CATIA V5R21, V5R23 (V5-6R2013)
Duration	1 day
Level	Fundamentals
Prerequisites	CATIA V5 Fundamentals

Objectives:

This course will teach you how to design a sheet metal part using associative feature-based modeling. Standard and user-defined stamped features can be integrated into the design and the resulting flat pattern is calculated in accordance with standard bend allowances or with company specific bend allowance tables.

Class Structure:

- Introduction to Sheet Metal Design
- Sheet Metal Walls
- Bends and Unfolded Mode
- Flanges
- Sheet Metal Features
- Transformations and Duplication
- Mapping and Output
- Advanced Topics in Sheet Metal

Class Exercises:

- Sheet Metal Walls
- Bends and Unfold Mode
- Flanges
- Sheet Metal Features
- Sheet Metal Feature Duplication
- Create a PowerCopy
- Instantiate a PowerCopy
- Mapping Curves
- Create an Unfolded View
- Multi-Body Curve
- Master Exercise: Casing Assembly