

# CATIA V5 Training

## Sheet Metal Design



**Course Length: 2 days**  
**Price: \$895**

This course enables students to create features that are specific to the sheet metal modeling process. Students will be provided with a process-based approach to creating sheet metal models. Each step in the process is discussed in depth with the use of lectures and several hands-on exercises. This course focuses on the Generative Sheet Metal Design workbench.

### Course Topics:

- Generative Sheet Metal Design workbench
- Sheet metal terminology
- Sheet metal process
- Sheet metal parameters
- Primary wall creation – Profile, Extruded, Rolled, and Hopper
- Defining walls
- Secondary walls – Wall on edge (automatic and sketch based), Tangent, Swept
- Cylindrical bends
- Bends from flat
- Unfolded view
- Corner relief
- Point and curve mapping
- Creating standard stamps – surface stamp, bead, curve stamp, flanged cutout, louver, bridge, flanged hole, circular stamp, stiffening rib, dowel
- Punch and die
- Punch with Opening Faces
- Sheet metal features – Corners, chamfers, cuts and holes
- Feature duplication
- Patterning – rectangular patterns, circular patterns
- User patterns
- Converting a solid part to sheet metal
- Output to DXF and drawing

**Prerequisites:** CATIA V5: Introduction to Modeling

### TRAINING CENTERS

#### United States

Atlanta, GA  
Boston, MA  
Charlotte, NC  
Chicago, IL  
Cleveland, OH  
Columbus, OH  
Dallas, TX  
Detroit, MI  
Grand Rapids, MI  
Albuquerque, NM  
Salt Lake City, UT  
Seattle, WA  
Indianapolis, IN  
Newport Beach, CA

#### Canada

Montreal, PQ  
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