

CATIA V5-6R2018 Training

Sheet Metal Design



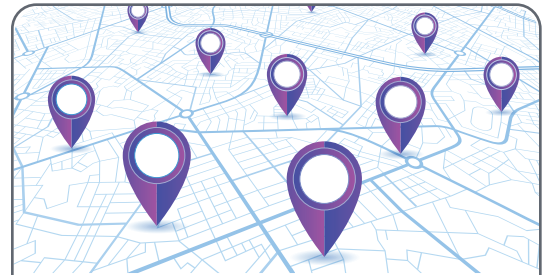
Course Length: 2 days

The CATIA Sheet Metal Design training course enables you to create features that are specific to the sheet metal modeling process. You are provided with a process-based approach to creating sheet metal models. Each step in the process is discussed in depth using lectures and several hands-on practices. This training 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: Completion of the CATIA V5-6R2018: Introduction to Modeling course is recommended.



Learn Where It's Convenient for You

Attend Classes:

- Online with an instructor
- At one of our training centers
- At your on-site training facility
- At a location of your choice (via our mobile training labs)

Contact us:
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Class curriculum is developed by ASCENT, developers of professional training courseware and technical documentation for Autodesk, Dassault Systèmes and PTC software.