Publication date : 06/24/2024

Course : CATIA V5 - Sheet Metal GSMD

Official Dassault Systèmes course

Practical course - 2d - 14h00 - Ref. CAF
Price : 1370 € E.T.

With this training course, you'll learn how to use GSMD (Generative Sheet Metal Design) from CATIA V5 software to model bent sheet metal for the manufacture of industrial equipment in the aeronautics, automotive and shipbuilding sectors, among others.

Teaching objectives

At the end of the training, the participant will be able to:

Model bent plates for industrial equipment

Intended audience

Draftsmen, designers.

Prerequisites

Master the basics of CATIA V5 or have completed the training courses "CATIA V5 - Basics" (ref. CAA) and "CATIA V5 - Advanced" (ref. CAC).

Certification

Official Dassault Systèmes course with no certification objective.

Practical details

Teaching methods

Alternating theory and practice, practical work and projects.

Course schedule

1. **Introducing the GSMD (Generative Sheet Metal Design) workshop**
2. **Know the operating principle**

PARTICIPANTS

Draftsmen, designers.

PREREQUISITES

Master the basics of CATIA V5 or have completed the training courses "CATIA V5 - Basics" (ref. CAA) and "CATIA V5 - Advanced" (ref. CAC).

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

ASSESSMENT TERMS

Assessment of targeted skills prior to training.
Assessment by the participant, at the end of the training course, of the skills acquired during the training course.
Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.
At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.
An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

3. Define sheet metal parameters
4. Create reference sheet
5. Unfolding and optimizing shapes
6. Modéliser les différents modèles industriels
7. Unfold and develop the manufacturing process
8. Modify dropped edges and bending radii for different sheet shapes
9. Layout of folded sheets, general drawings with bill of materials

TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.