

# Course : SolidWorks - Advanced

Official Dassault Systèmes course, SolidWorks exam preparation

*Practical course - 5d - 35h00 - Ref. SOT*

*Price : 2420 € E.T.*

With this training course, you will perfect your knowledge of the SolidWorks solution. You'll deepen your knowledge and skills through a wide range of practical exercises.



## Teaching objectives

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

Design complex mechanical parts with SolidWorks

## Intended audience

Design office technicians, draughtsmen, engineers.

## Prerequisites

Master the basics of SolidWorks or have completed the SolidWorks - Basics course (ref. SOW).

## Practical details

### Teaching methods

Alternating theory and practice, practical work and projects.

## Course schedule

- 1 Rappel des bases SolidWorks
- 2 Creating relationships and parameters
- 3 Create family tables
- 4 Manage advanced configurations (part, assembly and drawing)

## PARTICIPANTS

Design office technicians, draughtsmen, engineers.

## PREREQUISITES

Master the basics of SolidWorks or have completed the SolidWorks - Basics course (ref. SOW).

## 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.

- 5 Creating complex parts
- 6 Integrate advanced 3D references (3D curve, spline, projection, etc.)
- 7 Managing advanced bodies (Boolean operation)
- 8 Initiate sheet metal parts
- 9 Structurer mécano-soudé avancé (gestion de profilé, etc.)
- 10 Initiate Simulation Express
- 11 Initiate the creation of complex surfaces
- 12 Building parts in an assembly
- 13 Building virtual parts
- 14 Managing complex assembly
- 15 More in-depth knowledge of assembly functions
- 16 Manage external references
- 17 Créer une cinématique (étude de mouvement)
- 18 Manage recordings
- 19 Opening files with SolidWorks Explorer
- 20 Modéliser des pièces complexes en mécano-soudé et usiné
- 21 Creating simple sheet metal parts

#### 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](mailto:psh-accueil@orsys.fr) so that we can assess your request and its feasibility.

## Options

### Certification : 360 € HT

Les certifications SOLIDWORKS Professional sont : "PROFESSIONAL CSWP-Simulation", "PROFESSIONAL CSWP - Sheet Metal", "PROFESSIONAL CSWP-Surfacing", "PROFESSIONAL CSWP - Drawing Tools", "PROFESSIONAL CSWP - Mold Making" et "PROFESSIONAL CSWP - Weldments". Pour chaque certification, il faut passer un examen. L'option voucher correspond à un passage d'examen.

#### [Comment passer votre examen ?](#)

The certification option comes in the form of a voucher or invitation that will allow you to take the exam at the end of the training course.

## Dates and locations

### REMOTE CLASS

2026 : 16 Mar., 22 June, 5 Oct., 14 Dec.

### PARIS LA DÉFENSE

2026 : 16 Mar., 22 June, 5 Oct., 14 Dec.