

SOLIDWORKS Performance – 2 days (14h)

*Prerequisites : This training is intended for users with at least 1 year of experience
This course is given using digital files only (no physical book is provided)
This training is only available remotely*

1. Structure of Default Templates

- What aspects can influence file size?
- Impact of Tessellation Quality
- Number of configurations in a file
- SOLIDWORKS last saved version
- Oldest features in a SOLIDWORKS file
- Number of in context features

2. Work Methods

- Number of fixed components in an assembly
- Using the flexible feature
- Assembly Features
- Temporary update holder from external references
- Number of parts per assembly level
- Parts rebuild time
- Number of features in a part
- Parts in simple version
- Errors in Solid Bodies
- Quantity of errors in features
- Quantity of reference errors
- Use of the freeze bar

3. Managing Imported Files

- Number of appearances in file
- Number of bodies in part
- Number of surfaces in a part
- How to reduce file size of imported files
- How to manage libraries from “McMaster, Parker etc.”

4. Workflow of Different Quick Open Modes

- Large design review
- Lightweight components
- SpeedPack
- Detailing mode
- Open an assembly in simple version

5. Drawing Performance

- Impact on drawing performance
- View in draft quality vs. High quality
- Impact of Section Views
- Line format
- Automatic view updates
- Quick Open Tips
- Impact of Sketches in a Drawing
- Impact of configurations in views

SPECIFIC NOTE FOR THIS TRAINING

For reasons of convenience, collaboration and interactivity and also to allow you to obtain concrete examples on your workstations and with your files, **this training is only available remotely.**

Course Objectives : At the end of each course, students will know the capabilities of the software and will be able to use the learned features.

Training Course : Training is given in class at SolidXperts or online where each student has access to a workstation or online product version.

Methodology : Training is based on case studies demonstrated by the instructor.

Competences Evaluation : During the classwork, the instructor will correct the exercises on-demand and explain the solutions to the entire class if needed.

Instructor : SolidXperts trainers are Certified SolidWorks Instructors (CSWI) and authorized by Emploi-Québec.

Course Materials : This course is given using digital files only (no physical book is provided)

Attestation : A certificate will be given to each student at the end of the course to attest to the successful completion of the requirements for the course.