

## 3DEXPERIENCE CAD User – 2 days (14h)

*Prerequisites : Students need to have their own 3DEXPERIENCE Platform  
Students must possess the following roles : “3DSwymer”, “Collaborative Industry Innovator” and “Collaborative Designer for SOLIDWORKS”  
This course is given using digital files only (no physical book is provided)*

### 1. 3DX Platform Overview

- Navigating the User Interface

### 2. The Roles

- 3DSwymer
- Collaborative Industry Innovator
- Collaborative Designer for SOLIDWORKS

### 3. 3DEXPERIENCE & SOLIDWORKS

- Connecting SOLIDWORKS to the 3DX Platform
- Exercise : Cloud Eligibility Tool
- Exercise : Installing xCAD PLM connector
- Exercise : Checking live status of the Platform

### 4. 3DDashboard

- What is the purpose of 3DDashboard?
- Exercise : Cockpits & Welcome App

### 5. 3DDrive vs. 3DSpace

- Locating the files
- Exercise : Saving a SOLIDWORKS Assembly
- Exercise : Share & Markup

### 6. SOLIDWORKS content lifecycle and access control

- Revisions and Maturity States
- Exercise : Using SOLIDWORKS content and collaborative space

### 8. Document management

- Bookmarks
- CAD Document Management
- Exercise : Create a Bookmark and Content
- Exercise : Editing, Managing and Deleting CAD & Non-CAD files

### 9. Search on the platform

- Adding and Using 6WTags
- Exercise : Practice searching for content

### 10. Collaborative Task

- Creating and Managing Tasks
- Exercise : Using Tasks in SOLIDWORKS

### 11. Product Structure Explorer App

- Export .csv for BOMs
- Pack and Go (Eport As)

### 12. Relations

- In SOLIDWORKS
- In Browser

### 13. Compare

- Compare App
- Compare in 3DPlay

### 14. 3DSwym

- Working with a 3DSwym Community

#### SPECIFIC NOTES FOR THIS TRAINING

**Description :** Basic training on the usage of the 3DEXPERIENCE platform related to the «Collaborative Designer for SOLIDWORKS» role. The training and the concepts explained will be supported by a presentation on our platform, but the practical exercises will be done on the student's platform. The purchase of an access to the platform is a prerequisite to the training.

**Objectives :** Be able to use the platform properly and understand its main functions (Dashboards, saving files, collaboration tools, etc.).

**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. At the end of each lesson, time will be given for exercises.

**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.