



SOLIDWORKS
3DEXPERIENCE Works

Course Outline

SOLID  **PERTS**
by solidxperience

ENSURE YOUR SUCCESS IN 3D DESIGN WITH SOLIDWORKS

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3DEXPERIENCE CAD Administrator – 2 days (14h)

*Prerequisites : Students need to have their own 3DEXPERIENCE Platform
Students must be Admins of their own 3DEXPERIENCE Platform
This course is given using digital files only (no physical book is provided)*

1. 3DX Platform Overview

- Navigating the User Interface

2. 3DDashboard

- What is a 3DDashboard?
- Platform Management
- Rename Platform

3. Validation of Roles / Licences

- Validating Roles
- Validating Quantity of Licences

4. Inviting Members

- Create User Groups
- Inviting Members
- Members' configurations
- Assigning Roles

5. 3DSwym

- 3DSwym Overview
- Managing Community Administrators
- Managing Community Parameters

6. 3DSpace

- Creating and Configuring a 3DSpace
- Locating the files
- 3DDrive vs. 3DSpace

7. Bookmark Editor

- Introduction to the Interface

8. Adding Content / File Management

- Adding Non-CAD Content to 3DX
- Adding CAD Content to 3DX
- File Preparation Assistant
- My Session

9. Custom Dashboards

- Creation and Allocation of Custom Dashboards
- Exercise : Creating a Custom Dashboard

10. 3DEXPERIENCE & SOLIDWORKS

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

SPECIFIC NOTES FOR THIS TRAINING

Description : Basic training on the initial configuration and use of a 3DEXPERIENCE platform. 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 : To be able to understand how the platform works and then configure your own platform according to your organization's needs.

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.

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.

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3DEXPERIENCE Non-CAD User Training – 1 day (7h)

*Prerequisites : Students need to have their own 3DEXPERIENCE Platform
Students must possess the following roles : “3DSwymmer”, “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

- 3DSwymmer
- Collaborative Industry Innovator

3. 3DDashboard

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

4. 3DDrive vs. 3DSpace

- Locating the files
- Install the 3DDrive Locally
- Exercise : Exporting non-CAD files

5. Bookmarks

- Exercise : Create a bookmark and add content

6. Search on the platform

- Practice searching for Content

7. 3DPlay

- Hidden Functions
- Validating 6WTags

8. Collaborative Tasks

- Working with Tasks

9. 3DSwym

- Collaborating in a 3DSwym Community
- Access the platform and user’s community

10. 3DMarkup

- Share & Markup

SPECIFIC NOTES FOR THIS TRAINING

Description : Basic training on the usage of the 3DEXPERIENCE platform for a non-CAD user, related to the «Collaborative Industry Innovator» 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.

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