

SOLIDWORKS Composer

OVERVIEW

CLASSROOM LENGTH: 3 days / **INSTRUCTOR-LED ONLINE LENGTH:** 6 days

PREREQUISITES: Experience with the Windows operating system.

DESCRIPTION: This course covers how to use the SOLIDWORKS Composer software to create 2D and 3D output from CAD design data.

LESSON 1:

QUICK START

- Quick Look at SOLIDWORKS Composer

LESSON 2:

GETTING STARTED

- What is the SOLIDWORKS Composer Application?
- SOLIDWORKS Composer Terminology
- SOLIDWORKS Composer User Interface
- Views
- Navigation Tools
- Updating Views
- Collaborative Actors
- Camera Views
- Transform
- Creating 2D Output
- View Mode/Animation Mode

LESSON 3:

CREATING COVER AND DETAIL IMAGES

- Rendering Tools
- Camera Alignment Tools
- Custom Rendering
- Digger

LESSON 4:

CREATING AN EXPLODED VIEW

- Visibility Tools
- Exploded Views
- Collaborative Actors
- Styles
- Vector Graphics Output

LESSON 5:

CREATING ADDITIONAL EXPLODED VIEWS

- Importing Files
- Paper Space
- Update Views with Selected Actors
- Align Actors
- Explode Lines
- Custom Views
- Linking Between Views

LESSON 6:

CREATING BILLS OF MATERIALS

- Bill of Materials
- Vector Graphics Output
- Another BOM Table
- Assembly Level BOM
- Assembly Selection Mode

LESSON 7:

CREATING A MARKETING IMAGE

- Selections
- Textures
- Lighting
- Scenes
- High-Resolution Image

LESSON 8:

CREATING AN ANIMATION

- Timeline Pane
- Position Keys

 **SOLIDWORKS** Composer**LESSON 9:****CREATING INTERACTIVE CONTENT**

- Views for Animation
- Smproving the Animation
- Digger Keys
- Selections in the Key Track
- Event
- Animating Collaborative Actors

LESSON 10:**CREATING A WALKTHROUGH ANIMATION**

- Camera Keys
- Grids
- Additional Camera Functionality

LESSON 11:**ADDING SPECIAL EFFECTS TO ANIMATION**

- Animation Library Workshop
- Animation Special Effects
- Assembly Selection Mode in Animation
- Scenarios

LESSON 12:**UPDATING SOLIDWORKS COMPOSER FILES**

- Update an Entire Assembly
- Changing the Geometry of an Actor

LESSON 13:**WORKING WITH PROJECTS**

- Product Files
- Product Orientation

LESSON 14:**PUBLISHING FROM SOLIDWORKS COMPOSER**

- Preparing a File for Publishing
- Publishing to PDF
- Publishing Inside Microsoft Word
- Publishing to HTML
- Linked SVG Files
- Publishing Multiple Views