SolidWorks Visualize

Overview

Course Length: 8 hours *(can be taken via flexible schedule in-center or remotely)*

Description: Learn how to use SOLIDWORKS Visualize to create photorealistic images from any 3D model. Discover the best way to import models and how to apply appearances, set up a scene, adjust cameras, and output images

Course Objectives/Topics

Students will learn to use:

Getting Started with SOLIDWORKS Visualize

- What is SOLIDWORKS Visualize?
- The User Interface
- Using the Library
- Easy Mode
- Easy Mode reduces the user

From CAD to Visualize

- Importing a Model
- Supported File Types
- Setting Up the File in CAD
- File Monitoring

Working with Objects

- Understanding the Model Tree
- Object Manipulation
- Split Tool
- Primitives

Applying Appearances
Appearances Overview

- Setting up Appearances
- Managing Appearances
- Textures
- Texture Mapping
- Decals

Setting up Scenes

- What are Scenes?
- HDR Environments
- Using Backplates

Using the Camera

- What are Cameras?
- Using Cameras
- Depth of Field
-

Output Tools

- Generating an Output
- Snapshot
- Render

Practical practice and Projects

Put what you learned to use. Put it all together with a final project of your choosing.

Prerequisites

A basic understanding of SolidWorks.

Audience

Anyone interested in 3D rendering & animation.