



## SOLID EDGE WIRE HARNESS TRAINING

**Duration** : 1 Day

### **Objectives**

The objective of this course is to teach users the basic commands and tools necessary for Harness Design by using Solid Edge 3D Publishing. After completing this course users will be able to:

- ✓ Understand the wire harness design workflow
- ✓ Construct wires, cables, and bundle from one point to another
- ✓ Work with assemblies containing electrical conductors

### **Pre-requisites**

This guide is designed for new users of Solid Edge 3D Publishing. It is recommended that you have a working knowledge of:

Microsoft® Windows® 7, Microsoft® Windows® 8 or Microsoft® Windows® 10 and Solid Edge Fundamentals

## TRAINING PROGRAMME

### **Introduction to Harness Design**

- Wire harness design workflow
- Using BlueDots to Reposition Conductors and Components
- Using the Harness Wizard to create harness designs automatically
- Connect curves with BlueDot in Wire Harness

## **Activity: Creating a wire harness with Harness Design**

- Specify information for Harness Wizard Step
- Assign terminal
- Create a bundle
- Change the assembly display
- Create a wire
- Select the first point for the wire
- Select the end point for the wire
- Create a cable
- Shade the view
- Create a solid body of the wire harness
- Change the view orientation
- Move a wire
- Change the view orientation
- Display a hidden part
- Hide the wires in the harness
- Create a Wire Harness Report