



## Autodesk Inventor Cable & Harness Course

2 Day Course

### Who Should Attend?

Delegates who have completed an Inventor (Part 1 & Part 2) Essentials Course.

### Agenda

This hands-on course covers the basic Autodesk Inventor Professional Wire and Harness features. Covered topics include the creation of cables, wires, and segments, running reports and creation of nail-board drawings. The course is a two-day instructor led course. The student will learn about the basic features of Cable and Harness.

**Note:** We normally train on the latest version.

During the course delegates will cover:

#### Day 1

- **Introduction to Cable and Harness**
  - Cable and Harness functionality
  - Cable and Harness workflows
  - Cable and Harness integration with Autodesk Inventor
- **Creating Electrical Parts**
  - Add pins to a part file
  - Add / modify part and pin level properties
- **Cables and Wires**
  - List the functions of the cable and wire library
  - Locate the cable and wire library files
  - Wire library dialogue box
  - Add / modify library wire definitions
  - Import / export wire library data
  - Insert cables in an assembly
- **Segments**
  - Creating Segments
  - Working with segment constraints
  - Create a segment branch
  - Route wires through segments
  - Un-route wires
  - View wire paths

- **Working with Ribbon Cables**
- Adding Ribbon Cables
- Modifying Ribbon Cables & adding folds
  
- **Working with Virtual Parts**
- Managing Virtual Parts & BOM
  
- **Library Configuration and Creating Report Configuration Files**
- Library Definitions and Library Files
- Report configurations including Imports & Exports
  
- **Communicating the Design**
- Create an assembly drawing of harness assembly
- Create nail-board drawings
- Generate reports from the cable and harness assembly

*The above may be varied to suit client's preferences and requirements.*

## Qualifications

On completion of the course you will be presented with an Autodesk Authorised Training Certificate.