# Autodesk Inventor Cable and Harness Design

This course will teach you how to design physical cables and harnesses for electrical systems in almost any kind of product or machine. With specific tools to incorporate cable and harness into digital prototypes, Autodesk Inventor enables you to calculate accurate path lengths, avoid small-radius bends and helps ensure electrical components fit into your mechanical assembly before manufacturing.

## Course Modules

- *Functionality of Cable and Harness*
- *Basic Workflow to Add and Document Cable and Harness Designs*
- *Wire a Harness Assembly by Adding or Importing Wires and Cables*
- *Wire a Harness Assembly by Routing Wire and Cables through Segments*
- *Refine a Design by Editing the Wires, Cables or Routes*
- *Refine a Design by Adding and Editing Splices*
- *Refine a Design by Adding and Editing Virtual Parts*
- *Communicate your Cable and Harness to others by Creating and Annotating 2D Drawings and Exporting Design Data*
- *Create and Manage the Library File and Configuration Files*
- *Create, Author and Publish Electrical Parts and Connectors to a Content Centre Library*

## Prerequisites

The class assumes a mastery of Inventor basics as taught in Inventor Introduction to Solid Modelling.

## Course Duration

2 days

## Next Steps

A Bespoke Course