



# Autodesk Inventor Tube and Pipe Design

2 Day Course

## Who Should Attend?

This course is designed for experienced Autodesk Inventor users.

Users should have a working knowledge of the following:

- Autodesk Inventor parametric part and assembly design
- Mechanical design validation or mechanical engineering principles (recommended but not necessary)
- Microsoft Windows

## Objectives

This course covers the fundamental principles and recommended workflows for creating and documenting rigid tubing, flexible hose and piping systems using Autodesk Inventor software. Hands-on exercises representing real-world, industry-specific design scenarios are included.

## Agenda

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

During the course delegates will cover:

### Agenda Topics:

#### Tube and Pipe

- Introduction to Tube and Pipe

#### Setup for Routes and Runs

- Setup for Routes and Runs
- Placing Initial Fittings

#### Routes and Runs

- Creating Rigid Routes
- Sketching Rigid Routes
- Editing Rigid Routes
- Working with Fittings in Rigid Routes
- Flexible Hose Routes
- Leveraging Routes and Runs

#### Fittings and Components

- Managing Libraries
- Creating Library Content
- Managing Library Content
- Creating Tube and Pipe Styles

#### Documenting Tube and Pipe Assemblies

- Representing Tube and Pipe Designs
- Documenting Routes and Runs
- Exporting Tube and Pipe Design Data

*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.



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[www.cadlinetraining.co.uk](http://www.cadlinetraining.co.uk)

