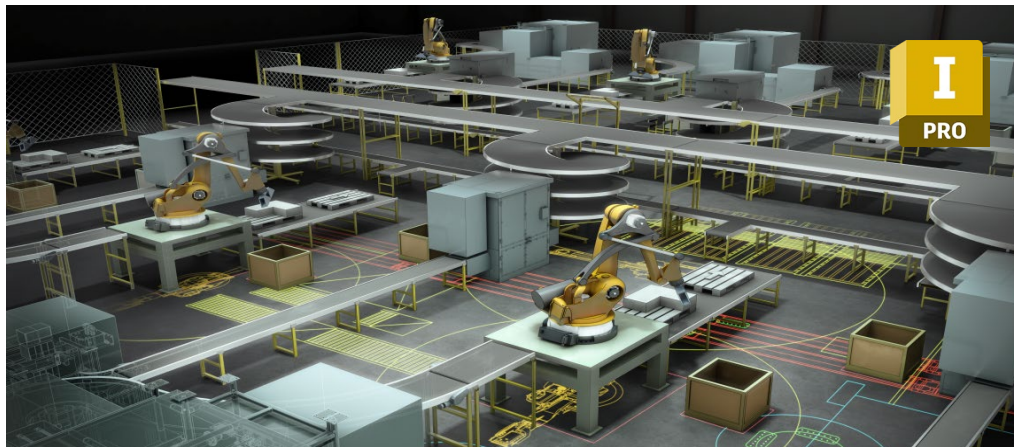


# Inventor Tube and Pipe Design

## Training course outline

Teaches how to create rigid tube, flexible hose and piping systems in Autodesk Inventor.



### Course summary

Teaches the fundamental principles and recommended workflows for creating and documenting rigid tube, flexible hose and piping systems in Autodesk Inventor.

### Duration

Two days.

### Who should attend?

Experienced Inventor users looking to expand their knowledge to work with tube and piping systems. Delegates should be familiar with the techniques taught in our *Inventor Essentials* course.

### Prerequisites

You should have a good working knowledge of Inventor for 3D parametric modelling, i.e. be familiar with the topics taught in our *Inventor Essentials* course (see [armada.co.uk/inventor/syllabus](http://armada.co.uk/inventor/syllabus)).

### In-class or live online

You can attend in-person at our centres, or participate live online from your place of work or home.

To read about our approach to online training, see [armada.co.uk/liveonline](http://armada.co.uk/liveonline).

### General information

Armada is a long-standing Autodesk authorised Training Centre (ATC), and our courses are accredited by Autodesk.

Courses are hosted by Autodesk Certified Instructors (ACIs) with vast experience of using the application professionally.

Whilst attending training at our centres, you'll have the use of a computer running licensed software to practice the techniques taught.

Refreshments and lunch are provided.

Course fees can be paid by card or bank transfer. We accept purchase orders from UK-registered companies and public sector organisations.

### Course materials and certificate

You'll receive:

- A comprehensive training guide and practice files.
- An e-certificate confirming successful completion of an accredited *Inventor Tube and Pipe Design* course.

### Method of delivery

Training is designed for the busy professional, being short and intensive and combining lecture and demonstration. Practical exercises carried out under guidance help you learn the techniques taught.

You have ample opportunity to discuss specific requirements with the trainer.

### After course support

Following training, you're entitled to 30 days' email support from your trainer.

### Further information

See [armada.co.uk/course/inventortubeandpipe](http://armada.co.uk/course/inventortubeandpipe).

### Course syllabus

See over.

# Course syllabus

Session	Topics
<b>Getting started</b>	Introduction to tube and pipe design Understanding the tube and pipe environment
<b>Setting up routes and runs</b>	Setup for routes and runs Activating a tube and pipe style Placing initial fittings in your tube and pipe design
<b>Routes and runs</b>	Creating rigid routes Sketching rigid routes for pipes, tubes and self-draining pipes Working with fittings in rigid routes Flexible hose routes Leveraging routes and runs Reusing a run
<b>Fittings and components</b>	Managing libraries Creating a custom library Creating library content Authoring a fitting Publishing to the content centre Placing library fittings Managing library content Adding a column to a part family Creating tube and pipe styles Creating custom styles Creating self-draining styles
<b>Documenting tube and pipe assemblies</b>	Representing tube and pipe designs Creating modal states Documenting routes and runs Creating 2D drawings and parts lists Exporting 3D tube and pipe design data