



Autodesk Inventor 2010 Tube & Pipe Design

Course Length: 2 day (16 hours)
 Course Fee: \$795⁰⁰ per person
 Class Hours: 8:00am – 5:00pm

Objective

Learn the fundamental principles and recommended workflows for creating and documenting rigid tubing, flexible hose, and piping systems using Autodesk® Inventor® 2010 software. Hands-on exercises representing real-world, industry-specific design scenarios are included.

Topics Include:

- Introduction to Tube and Pipe
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- Setup for Routes and Runs
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 - 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
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 - 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

Prerequisites

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® Vista or Microsoft® Windows® XP.

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Training Course Outline

CAD Software • Consulting • Programming • Training