



REPRO PRODUCTS

Class Outline & Syllabus

Autodesk Inventor: Tube & Pipe Design

Course Length: 2 days (16 hours)

Objective: Learn 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.

Cost: \$325 per day plus a \$100 fee for a manual which must be purchased for enrollment.

The class breakdown will be as follows:

Day 1

- Introduction to Tube and Pipe
- Setup for Routes and Runs
- Placing Initial Fittings
- Creating and Editing Rigid Pipe/Tube & Flexible Hose Routes
- Working with Fittings in Rigid Routes

Day 2

- Leveraging Routes and Runs
- Creating & Managing Library Content
- Creating Tube and Pipe Styles
- Representing Tube and Pipe Designs (LOD)
- Documenting Routes and Runs
- Exporting Tube and Pipe Design Data

- Lunch is included.
- Class is from 8:30 a.m. to 5:00 p.m.
- Students will receive a certificate upon completion.
- After completion of an entire class, students may audit the same class for one year, if space is available in the class.
- The entire class is purchased at one time, but individual days may be attended sequentially over several months.



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