



PREREQUISITES

For online training, students should have access to a machine with Inventor installed and activated. Having a dual monitor setup is highly recommended.

INCLUSIONS

1 day of Online Training and Tuition, Cadgroup Certificate of Completion, and a Inventor Fundamentals manual eBook.

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AUTODESK® INVENTOR

Tube & Pipe Design

The Autodesk® Inventor Tube & Pipe class instructs students on the use of the Inventor Tube and Pipe environment. Through a hands-on; practice-intensive curriculum; students acquire the knowledge needed to model routed elements including tubing; piping and flexible hose. The Autodesk® Inventor Tube and Pipe environment provides rule-based routing tools that select the correct fittings and helps the pipe run to comply with your standards for segment length; round-off increments and bend radius.

COURSE OUTLINE

- The Autodesk® Inventor Tube and Pipe Environment:
Creating a tube and pipe assembly; understanding the components of a tube and pipe assembly.
- Creating Rigid Tube and Pipe Routes:
Creating and editing simple rigid routes; using fittings for rigid routes.
- Creating Flexible Hose Routes:
Creating and editing flexible routes; using fittings for flexible routes.
- Tube and Pipe Tools and Techniques:
Reusing existing runs; creating and editing tube and pipe configurations.
- Using and Creating Fittings and Components:
Creating a custom library; creating and publishing custom components; creating and editing tube and pipe styles.
- Creating Drawings of Tube and Pipe models:
Creating drawing views of tube and pipe models; adding dimensions; annotations and part lists for the tube and pipe models; exporting tube and pipe styles.