

Autodesk Inventor 2025: Introduction to Solid Modeling

Category: Design & Creative | **Vendor:** Autodesk

Duration: 5.00 hours (1 days)

4.1 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: vILT

Prerequisites & Entry Requirements

General Prerequisites:

Access to the 2025.0 version of the software, to ensure compatibility with this guide. Future software updates that are released by Autodesk may include changes that are not reflected in this guide. The practices and files included with this guide are not compatible with prior versions (e.g., 2024)., As an introductory guide, Autodesk Inventor 2025: Introduction to Solid Modeling does not assume prior knowledge of any 3D modeling or CAD software. You need to be experienced with the Windows operating system, and having a background in drafting of 3D parts is recommended.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Course Objectives
Understanding the Autodesk Inventor software interface
Creating, constraining, and dimensioning 2D sketches
Creating and editing the solid base 3D feature from a sketch
Creating and editing secondary solid features that are sketched and placed
Creating equations and working with parameters
Manipulating the display of the model
Resolving feature failures
Duplicating geometry in the model
Placing and constraining/connecting parts in assemblies
Manipulating the display of components in an assembly
Obtaining model measurements and property information
Creating presentation files (exploded views)
Modifying and analyzing the components in an assembly
Simulating motion in an assembly
Creating parts and features in assemblies
Creating and editing an assembly bill of materials
Working with projects
Creating and annotating drawings and views
Customizing the Autodesk Inventor environment, Course Objectives
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Detailed Course Outline

Introduction to Autodesk Inventor, Creating The Base Base Feature, Additional Sketching Tools, Sketch Editing Tools, Sketched Secondary Features, Creating Pick and Place Features, Work Features, Equations and Parameters, Additional Features, Model and Display Manipulation, Fixing Problems, Sweep Features, Loft Features, Feature Duplication Tools, Feature Relationships, Assembly Environment, Joint Connections, Manipulating Assembly Display, Model Information, Presentation Files, Assembly Tools, Assembly Parts and Features, Assembly Bill of Materials, Working with Projects, Drawing Basics, Detailing Drawings, Drawing Annotations, Customizing Autodesk Inventor

Frequently Asked Questions

Q: What delivery options are available for Autodesk Inventor 2025: Introduction to Solid Modeling?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
 - Traditional Instructor-Led Classroom Training (ILT)
 - On-site delivery at your offices anywhere in United Kingdom
 - Private dedicated courses customized for your team
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Q: How many CPD hours does this course provide?

The 1-day Autodesk Inventor 2025: Introduction to Solid Modeling course provides up to 4.1 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Autodesk Inventor 2025: Introduction to Solid Modeling training?

The training takes place over 1 day(s), with each day lasting approximately 5.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Autodesk Inventor 2025: Introduction to Solid Modeling?

Yes, we provide corporate training, dedicated training, and closed classes for Autodesk Inventor 2025: Introduction to Solid Modeling. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Autodesk Inventor 2025: Introduction to Solid Modeling, Autodesk, vILT, Autodesk Inventor 2025

Q: Why choose Nexus Human for Autodesk Inventor 2025: Introduction to Solid Modeling?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Autodesk Inventor 2025: Introduction to Solid Modeling training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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