Autodesk Inventor 2025: Fundamentals for CAM Users

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

Duration: 2.00 hours (1 days) **1.6 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: Fundamentals for CAM Users 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., As an introductory guide, Autodesk Inventor 2025: Fundamentals for CAM Users 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 ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and

editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and

editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment, Course ObjectivesUnderstanding the Autodesk Inventor software interfaceCreating, constraining, and dimensioning 2D sketchesCreating and editing the solid base 3D feature from a sketchCreating and editing secondary solid features that are sketched and placedManipulating the display of the modelDuplicating geometry in the modelPlacing and constraining/connecting parts in assembliesManipulating the display of components in an assemblyObtaining model measurements and property informationWorking with projectsCustomizing the Autodesk Inventor environment

Detailed Course Outline

Introduction to Autodesk Inventor, Sketching Geometry, Creating Sketched features, Creating Pick and Place Features, Feature Duplication Tools, Model and Display Manipulation, Work Features, Assembly Environment, Joint Connections, Manipulating Assembly Display, Model Information, Working with Projects, Customizing Autodesk Inventor

Frequently Asked Questions

Q: What delivery options are available for Autodesk Inventor 2025: Fundamentals for CAM Users?

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

Q: How many CPD hours does this course provide?

The 1-day Autodesk Inventor 2025: Fundamentals for CAM Users course provides up to 1.6 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Autodesk Inventor 2025: Fundamentals for CAM Users training?

The training takes place over 1 day(s), with each day lasting approximately 2.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Autodesk Inventor 2025: Fundamentals for CAM Users?

Yes, we provide corporate training, dedicated training, and closed classes for Autodesk Inventor 2025: Fundamentals for CAM Users. 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: Fundamentals for CAM Users, Autodesk, vILT, Autodesk Inventor 2025

Q: Why choose Nexus Human for Autodesk Inventor 2025: Fundamentals for CAM Users?

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: Fundamentals for CAM Users training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

© 2026 Nexus Human. All rights reserved. This brochure was generated on 19/10/2026.