Autodesk Inventor 2025: Advanced Part Modeling

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)., The material assumes a mastery of Autodesk Inventor basics, as taught in Autodesk Inventor: Introduction to Solid Modeling. Users should know how to create and edit parts, use work features, create and annotate drawing views, etc. The use of Microsoft Excel is required for this guide.

Learning Outcomes

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

Course ObjectivesAdvanced model appearance options2D and 3D sketching techniquesMulti-body part modelingAdvanced geometry creation tools (bend part, unwrap, work features, area lofts, sweeps, and coils)Shape generatorCreating and editing basic surfacesModel statesiFeatures and iPartsFreeform modelingImporting data from other CAD systems and making editsWorking with AutoCAD DWG filesAnalysis toolsEmboss and decal featuresAdvanced drawing tools (iPart tables, surfaces in views, and custom sketched symbols)Surface Repair environment, Course ObjectivesAdvanced model appearance options2D and 3D sketching techniquesMulti-body part modelingAdvanced geometry creation tools (bend part, unwrap, work features, area lofts, sweeps, and coils)Shape generatorCreating and editing basic surfacesModel statesiFeatures and iPartsFreeform modelingImporting data from other CAD systems and making editsWorking with AutoCAD DWG filesAnalysis toolsEmboss and decal featuresAdvanced drawing tools (iPart tables, surfaces in views, and custom sketched symbols)Surface Repair environment, Course ObjectivesAdvanced model appearance options2D and 3D sketching techniquesMulti-body part modelingAdvanced geometry creation tools (bend part, unwrap, work features, area lofts, sweeps, and coils)Shape generatorCreating and editing basic surfacesModel statesiFeatures and iPartsFreeform modelingImporting data from other CAD systems and making editsWorking with AutoCAD DWG filesAnalysis toolsEmboss and decal featuresAdvanced drawing tools (iPart tables, surfaces in views, and custom sketched symbols)Surface Repair environment, Course ObjectivesAdvanced model appearance options2D and 3D sketching techniquesMulti-body part modelingAdvanced geometry creation tools (bend part, unwrap, work features, area lofts, sweeps, and coils)Shape generatorCreating and editing basic surfacesModel statesiFeatures and iPartsFreeform modelingImporting data from other CAD systems and making editsWorking with AutoCAD DWG filesAnalysis toolsEmboss and decal featuresAdvanced drawing tools (iPart tables, surfaces in views, and custom sketched symbols)Surface Repair environment, Course ObjectivesAdvanced model appearance options2D and 3D sketching techniquesMulti-body part modelingAdvanced geometry creation tools (bend part, unwrap, work features, area lofts, sweeps, and coils)Shape generatorCreating and editing basic surfacesModel statesiFeatures and iPartsFreeform modelingImporting data from other CAD systems and making editsWorking with AutoCAD DWG filesAnalysis toolsEmboss and decal featuresAdvanced drawing tools (iPart tables, surfaces in views, and custom sketched symbols)Surface Repair environment, Course ObjectivesAdvanced model appearance options2D and 3D sketching techniquesMulti-body part modelingAdvanced geometry creation tools (bend part, unwrap, work features, area lofts, sweeps, and coils)Shape generatorCreating and editing basic surfacesModel statesiFeatures and iPartsFreeform modelingImporting data from other CAD systems and making editsWorking with AutoCAD DWG filesAnalysis toolsEmboss and decal featuresAdvanced drawing tools (iPart tables, surfaces in views, and custom sketched symbols)Surface Repair environment, Course ObjectivesAdvanced model appearance options2D and 3D sketching techniquesMulti-body part modelingAdvanced geometry creation tools (bend part, unwrap, work features, area lofts, sweeps,

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Detailed Course Outline

Model Appearance, Model Appearance, Advanced Sketching and Modeling Tools, Advanced Sketching and Modeling Tools, Multi-Body Part Modeling, Multi-Body Part Modeling, Advanced Work Features, Advanced Work Features, Advanced Lofts, Sweeps, and Coils, Advanced Lofts, Sweeps, and Coils, Shape Generator, Shape Generator, Introduction to Surfacing, Introduction to Surfacing, Additional Surfacing Options, Additional Surfacing Options, Part Model States, Part Model States, Copying Between Parts (iFeatures), Copying Between Parts (iFeatures), iParts, iParts, Introduction to Freeform Modelling, Introduction to Freeform Modelling, Importing and Editing CAD Data, Importing and Editing CAD Data, Working with AutoCAD Data, Working with AutoCAD Data, Analyzing a Model, Analyzing a Model

Frequently Asked Questions

Q: What delivery options are available for Autodesk Inventor 2025: Advanced Part 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

Q: How many CPD hours does this course provide?

The 1-day Autodesk Inventor 2025: Advanced Part Modeling 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: Advanced Part Modeling 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: Advanced Part Modeling?

Yes, we provide corporate training, dedicated training, and closed classes for Autodesk Inventor 2025: Advanced Part 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: Advanced Part Modeling, Autodesk, vILT, Autodesk Inventor 2025

Q: Why choose Nexus Human for Autodesk Inventor 2025: Advanced Part 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: Advanced Part Modeling 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)

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