Autodesk AutoCAD 2025: 3D Drawing and Modeling

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

Duration: 3.00 hours (1 days) **2.4 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: vILT

Who Should Attend

Access to the 2025.0 version of the software, to ensure compatibility with this course. Future software updates that are released by Autodesk may include changes that are not reflected in this course. The practices and files included with this course might not be compatible with prior versions (e.g., 2024)., A good working skill level in the AutoCAD software, i.e., a minimum of 80 hours of work experience with the AutoCAD software, is recommended.

Learning Outcomes

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

Course Objectives3D viewing techniquesWorking with simple and composite solidsCreating complex solids and surfacesModifying objects in 3D spaceEditing solidsCreating sections, camera perspectives, and animationsWorking with point cloudsConverting 3D objectsSetting up a rendering with materials and lightsCreating 2D drawings from 3D modelsWorking with the user coordinate systemCreating .STL files of 3D models for printing, Course Objectives3D viewing techniquesWorking with simple and composite solidsCreating complex solids and surfacesModifying objects in 3D spaceEditing solidsCreating sections, camera perspectives, and animationsWorking with point cloudsConverting 3D objectsSetting up a rendering with materials and lightsCreating 2D drawings from 3D modelsWorking with the user coordinate systemCreating .STL files of 3D models for printing, Course Objectives3D viewing techniquesWorking with simple and composite solidsCreating complex solids and surfacesModifying objects in 3D spaceEditing solidsCreating sections, camera perspectives, and animationsWorking with point cloudsConverting 3D objectsSetting up a rendering with materials and lightsCreating 2D drawings from 3D modelsWorking with the user coordinate systemCreating .STL files of 3D models for printing, Course Objectives3D viewing techniquesWorking with simple and composite solidsCreating complex solids and surfacesModifying objects in 3D spaceEditing solidsCreating sections, camera perspectives, and animationsWorking with point cloudsConverting 3D objectsSetting up a rendering with materials and lightsCreating 2D drawings from 3D modelsWorking with the user coordinate systemCreating .STL files of 3D models for printing, Course Objectives3D viewing techniquesWorking with simple and composite solidsCreating complex solids and surfacesModifying objects in 3D spaceEditing solidsCreating sections, camera perspectives, and animationsWorking with point cloudsConverting 3D objectsSetting up a rendering with materials and lightsCreating 2D drawings from 3D modelsWorking with the user coordinate systemCreating .STL files of 3D models for printing, Course Objectives3D viewing techniquesWorking with simple and composite solidsCreating complex solids and surfacesModifying objects in 3D spaceEditing solidsCreating sections, camera perspectives, and animationsWorking with point cloudsConverting 3D objectsSetting up a rendering with materials and lightsCreating 2D drawings from 3D modelsWorking with the user coordinate systemCreating .STL files of 3D models for printing, Course Objectives3D viewing techniquesWorking with simple and composite solidsCreating complex solids and surfacesModifying objects in 3D spaceEditing solidsCreating sections, camera perspectives, and animationsWorking with point cloudsConverting 3D objectsSetting up a rendering with materials and lightsCreating 2D drawings from 3D modelsWorking with the user coordinate systemCreating .STL files of 3D models for printing, Course Objectives3D viewing techniquesWorking with simple and composite solidsCreating complex solids and surfacesModifying objects in 3D spaceEditing solidsCreating sections, camera perspectives, and animationsWorking with point cloudsConverting 3D objectsSetting up a rendering with materials and lightsCreating 2D drawings from 3D modelsWorking with the user coordinate systemCreating .STL files of 3D models for printing, Course Objectives3D viewing techniquesWorking with simple and

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Detailed Course Outline

3D Foundations, 3D Foundations, 3D Foundations, 3D Foundations, Simple Solids, Simple Solids, Simple Solids, Simple Solids, Working with the User Coordinate System, Working with the User Coordinate System, Working with the User Coordinate System, Working with the User Coordinate System, Creating Solids and Surfaces from 2D Objects, Creating Solids and Surfaces from 2D Objects, Creating Solids and Surfaces from 2D Objects, Creating Solids and Surfaces from 2D Objects, Modifying in 3D Space, Modifying in 3D Space, Modifying in 3D Space, Modifying in 3D Space, Advanced Solid Editing, Advanced Solid Editing, Advanced Solid Editing, Advanced Solid Editing, Additional Editing Tools, Additional Editing Tools, Additional Editing Tools, Additional Editing Tools, Refining the View, Refining the View, Refining the View, Refining the View, Point Clouds, Point Clouds,

Point Clouds, Point Clouds, Visualization, Visualization, Visualization, Visualization, Working Drawings from 3D Models, Working Drawings from 3D Models, Working Drawings from 3D Models, Working Drawings from 3D Models

Frequently Asked Questions

Q: What delivery options are available for Autodesk AutoCAD 2025: 3D Drawing and 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 AutoCAD 2025: 3D Drawing and Modeling course provides up to 2.4 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Autodesk AutoCAD 2025: 3D Drawing and Modeling training?

The training takes place over 1 day(s), with each day lasting approximately 3.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Autodesk AutoCAD 2025: 3D Drawing and Modeling?

Yes, we provide corporate training, dedicated training, and closed classes for Autodesk AutoCAD 2025: 3D Drawing and 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 AutoCAD 2025: 3D Drawing and Modeling, Autodesk, vILT, Autodesk AutoCAD 2025

Q: Why choose Nexus Human for Autodesk AutoCAD 2025: 3D Drawing and 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 AutoCAD 2025: 3D Drawing and 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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