AUTOCAD

AUTOCAD FOR ARCHITECTS AND INTERIOR DESIGNERS
WORKSHOP

Computer aided design and drafting software

lomos

12 HOURS : ₹3999/- COURSE FEE

INTRODUCTION: Design and shape the world around you with AutoCAD software. Create stunning 3D designs, work with designs and drawings on any platform and across devices, and enjoy greater mobility with the new web and mobile apps.
Special features include:

Accuracy Highly accurate drafting which is needed to design, prototype, analyze, and print and publish almost anything

Ease of use. Easy to learn and use that you can focus on design and visualization without being distracted by the software.
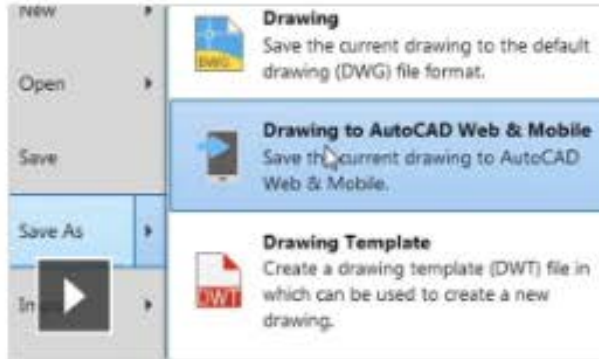
Fast, even on an ordinary laptop computer. No special hardware is needed.

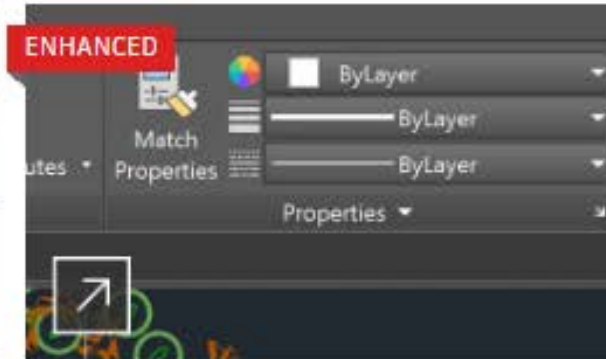lomos

FEATURES OF AUTCAD 2019

DWG compare
Compare and document the differences between 2 versions of a drawing or xref.
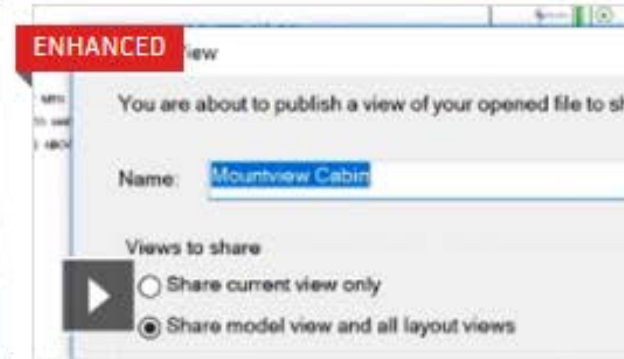
Save to web and mobile
Save drawings from your desktop to view and edit on the AutoCAD web and mobile apps.
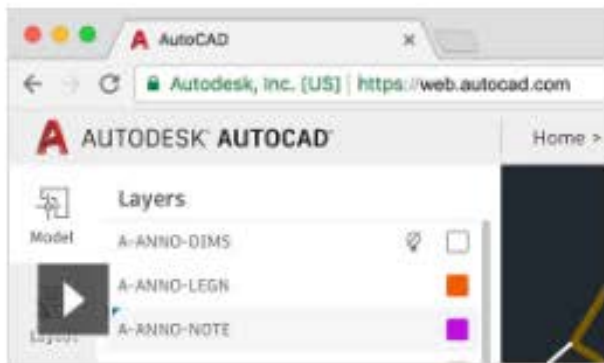
2D graphics
Enjoy 2X faster zoom, pan, and change draw orders and layer properties.
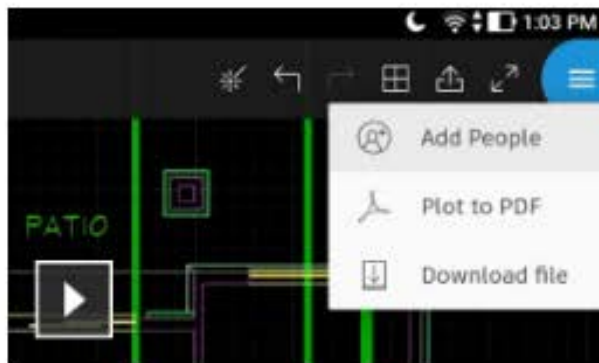
Shared views
Publish design views of your drawing in a web browser for viewing and commenting.

AutoCAD web app
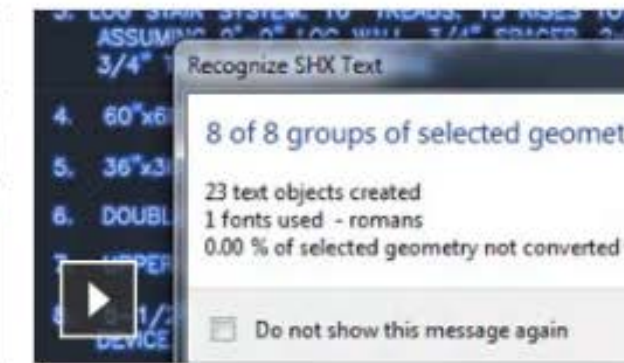Create, edit, view, and share CAD drawings from any device through the browser.

AutoCAD mobile app
View, create, edit, and share CAD drawings on your mobile device.

User interface
Experience improved visuals with new flat-design icons and 4K enhancements.

PDF import
Import geometry, including SHX font files, fills, raster images, and TrueType text, into a drawing from a PDF.

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TOPICS COVERED

Workspaces
Save and restore workspaces with customized menus, toolbars, palettes, and ribbons.
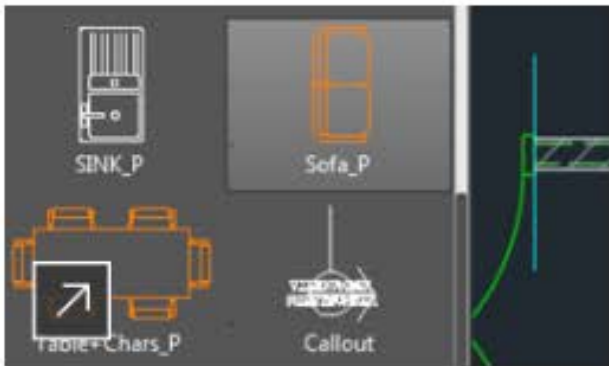
Shortcut menus
Display a shortcut menu for quick access to commands that are relevant to your current activity.

Object and layer transparency
Control the transparency for selected objects or for all objects on a layer.

Object selection and isolation
Find and select all objects that match the properties of an object. Hide or unhide the selected objects.
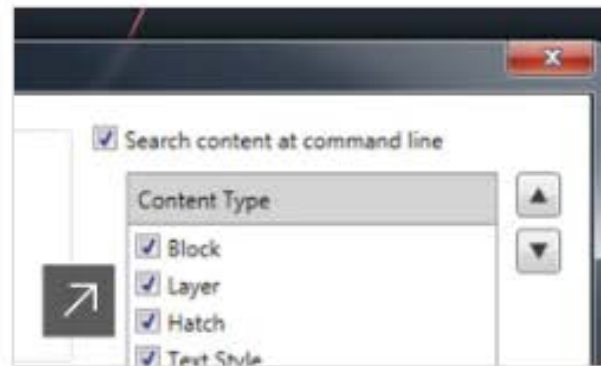

Ribbon
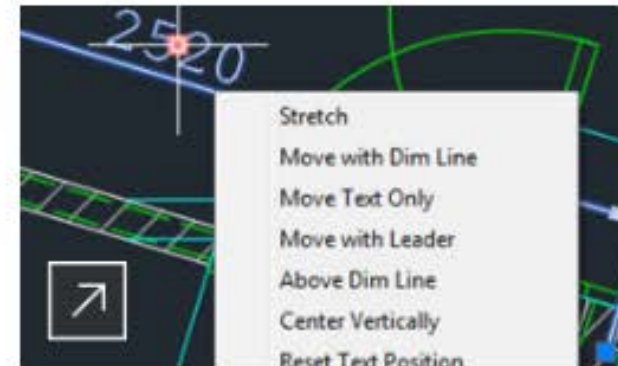Access your favorite tools—when you need them—with the AutoCAD ribbon.

Tool palettes
Easily access frequently used content and tools with customizable tool palettes.

Command window
Launch commands and respond to prompts via simple keystrokes, right at the command line.

Object grips
Easily reshape, move, or manipulate geometry with grip editing.

TOPICS COVERED

Text settings
Create single or multiline text (mtext) as a single text object. Format the text, columns, and boundaries.

Dimensions
Create dimensions automatically. Pass the cursor over selected objects to get a preview before you create it.

Leaders
Create leaders with a variety of content, including text or blocks. Easily format leader lines, and define styles.

Centerlines and center marks
Create and edit centerlines & center marks that automatically move when you move the associated objects.

Tables
Create tables with data and symbols in rows and columns, apply formulas, and link to a Microsoft Excel spreadsheet.

Views
Save views by name to easily return to a specific view for quick reference or for applying to layout viewports.

Layouts
Specify the size of your drawing sheet, add a title block, and display multiple views of your model.

TOPICS COVERED

Arrays
Create and modify objects in circular or rectangular patterns, or along a path.

Parametric constraints
Apply geometric and dimensional constraints to maintain relationships between drawing geometry.

Express tools
Extend the power of AutoCAD with a collection of productivity tools.

Fields
Use fields in text objects to display text that can be updated automatically as the field value changes.

Data linking
Enable simultaneous updates by creating a live link between a Microsoft Excel spreadsheet and a table in your drawing.

Data extraction
Extract information from objects, blocks, and attributes, including drawing information.

Dynamic blocks
Add flexibility and intelligence to your block references, including changing the shape, size, or configuration.

TOPICS COVERED

3D modeling and visualization (For professionals course only)

Solid, surface, and mesh modeling
Create realistic 3D models of your design using a combination of solid, surface, and mesh modeling tools.

3D navigation (orbit, ViewCube, wheel)
Use 3D viewing and navigation tools to orbit, swivel, walk, and fly around a 3D model to show your design.

Visual styles
Apply visual styles to control the display of edges, lighting, and shading of your 3D model.

Section planes
Create section planes to display cross-sectional views through solids, surfaces, meshes, or regions.

Point clouds
Attach point cloud files acquired by 3D laser scanners or other technologies.

Model documentation
Generate 2D drawings including base, projected, section, and detail views from 3D models.

Print Studio
Print Studio provides the tools needed to prepare models for supported 3D printers and materials.

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