

'Must-Know' AutoCAD Concepts for Designers



Author, Speaker, & Award-Winning Instructor

35 Years | 6 Continents | 11 Countries | 41 States | 1000's of Students

Apart from making me sound really old, those statistics bring some 'street cred' to what I have discovered as the fundamental skill-sets that every Designer should have.

After sorting through the hundreds of topics from the Index of my book – *The AutoCAD Workbench, Final Edition* – I came up with seven "Must-Know" concepts from each of the six chapters of the book.

If you're a Designer and want to Know-What-You-Should-Know, here's is a list of 42 'Must-Know' concepts and features every user should know if they're using AutoCAD in a production environment.

User Interface

Workspaces
Quick Access Toolbar
Ribbon management
Options settings
All Layer Topics
Display navigation
The UCS

Creating & Editing

All Object Snap features
Fundamental Hatching
System Variables
Hide & Isolate
All Reference features
All Xref components
Using Dynamic Blocks

Annotation & Dimensions

Text Style concepts
Dimension Style concepts
Single line/Multiline text
EXPRESS Tools for Text
Raster image options/logo
Editing blocks
Editing attributed blocks

Customizing

Quick Access Toolbar
Basic Ribbon editing
All tool palette features
Rename
Keyboard shortcuts
Command aliases
Palette import/export

Plotting & Layouts

Viewport techniques
All layout features
Views in MS vs PS
Batch plotting
Layouts on a palette
Layers in a PDF
Convert Plot styles

3D Stuff

Fundamental UCS concepts
Positioning the view
3D tools on the Ribbon
Solids vs. Surfaces
Visual Styles
3D Clip for Interior Elevations
Named views

This collection would also be helpful to Design Managers at dealerships as they interview prospective new designers and also for getting their Design team up to the same level in their skill sets.

Of course, all of these topics are in the book, *The AutoCAD Workbench, Final Edition*, and can also be presented to your Design team in a training venue.

If you have any questions, please contact me at your convenience.

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Give instruction to a wise man, and he will be still wiser; Teach a just man, and he will increase in learning.

-Proverbs 9:9