

'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