



We Make you IT ready...

MBPS Infotech

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AUTO-CAD

MBPS Infotech, Near Shrushti Hotel, Sudarshannagar, Pimplegurav, Pune-411061

Phone: 8793001676, 9890098276 Website: <http://www.mbpsinfotech.com> email: inquiry@mbpsinfotech.com

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1. Creating a Simple Drawing

- Getting Started with AutoCAD
- Starting AutoCAD
- AutoCAD's Screen Layout
- Working with Commands
- Opening an Existing Drawing File
- Saving Your Work
- AutoCAD's Cartesian Workspace

2. Basic Drawing & Editing Commands

- Drawing Lines
- Erasing Objects
- Drawing Lines with Polar Tracking
- Drawing Rectangles
- Drawing Circles
- Viewing Your Drawing
- Undoing and Redoing Actions

3. Making Your Drawings More Precise

- Drawing Precision in AutoCAD
- Using Object Snap
- Object Snap Overrides
- Polar Tracking Settings
- Object Snap Tracking
- Drawing with SNAP and GRID

4. Making Changes in Your Drawing

- Selecting Objects for Editing
- Moving Objects
- Copying Objects
- Rotating Objects
- Scaling Objects
- Mirroring Objects
- Editing Objects with Grips

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5. Drawing Organization and Information

- Organizing Your Drawing with Layers
- Creating New Drawings With Templates
- What are Layers?
- Layer State
- Changing an Object's Layer
- Advanced Object Types
- Drawing Arcs
- Drawing Polylines
- Editing Polylines
- Drawing Polygons
- Drawing Ellipses

6. Getting Information From Your Drawing

- Measuring Objects
- Working with Properties
- Creating More Complex Objects
- Advanced Editing Commands
- Trimming and Extending
- Stretching Objects
- Creating Fillets and Chamfers
- Offsetting Objects
- Creating Arrays of Objects
- Inserting Blocks
- What are Blocks?
- Inserting Blocks from Tool Palettes
- Inserting Blocks using Insert
- Inserting Blocks with DesignCenter

7. Preparing to Print

- Setting Up a Layout
- Printing Concepts
- Creating Viewports
- Setting up Layouts
- Guidelines for Layouts
- Printing Your Drawing
- Printing Layouts
- Printing a Check Plot

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8. Annotating Your Drawing

- Text
- Working with Annotations
- Adding Text in a Drawing
- Modifying Multiline Text
- Formatting Multiline Text
- Hatching
- Hatching
- Adding Dimensions
- Dimensioning Concepts
- Adding Linear Dimensions
- Adding Radial and Angular Dimensions
- Editing Dimensions
- Adding Notes to Your Drawing

9. Beyond the Basics

- Working Effectively with AutoCAD
- Setting up the Interface
- Using the Keyboard Effectively
- Working in Multiple Drawings
- Using Grips Effectively
- Additional Layer Tools
- Accurate Positioning
- Coordinate Entry
- Locating Points with Tracking
- Construction Lines
- Placing Reference Points

10. Creating and Organizing Blocks

- Creating Blocks
- Creating Blocks
- Editing Blocks
- Removing Unused Elements
- Blocks in Tool Palettes
- Adding Blocks to Tool Palettes
- Modifying Tool Properties in Tool Palettes

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11. Drawing Setup and Utilities

- Creating Templates
- Why Use Templates?
- Controlling Units Display
- Creating New Layers
- Adding Standard Layouts to Templates
- Saving Templates
- Annotation Styles
- Creating Text Styles
- Creating Dimension Styles
- Creating Multileader Styles

12. . Advanced Layouts and Printing

- Advanced Layouts
- Creating and Using Named Views
- Creating Additional Viewports
- Layer Overrides in Viewports
- Additional Annotative Scale Features
- DWF Printing and Publishing
- DWF Plotting and Viewing
- Publishing Drawing Sets

13. Other Topics

- How to Use Quick Calc
- Additional Zoom Commands
- Creating Model Space Viewports
- Advanced Object Selection
- Single-Line Text
- Other Text Tools
- Additional Dimensioning Tools
- Creating Boundaries
- Working with Regions
- Temporary Overrides

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14. AutoCAD 2009 3D Drawing and Modelling

- Foundations
- Why use 3D?
- Introduction to the 3D Modeling Workspace
- Basic 3D Viewing Tools
- 3D Navigation Tools
- Introduction to the User Coordinate System
- Simple Solids
- Working with Solid Primitives
- Solid Primitive Types
- Working with Composite Solids

15. Creating Solids & Surfaces from 2D Objects

- Complex 3D Geometry
- Extruded Solids and Surfaces
- Swept Solids and Surfaces
- Revolved Solids and Surfaces
- Lofted Solids and Surfaces
- Advanced Solid Editing
- Editing Components of Solids
- Editing Faces of Solids
- Fillets and Chamfers on Solids
- Working Drawings from 3D Models
- Creating Multiple Viewports
- 2D Views from 3D Solids



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