

AutoCAD 2002 – Fundamentals

CBT - Computer Based Training

What You Will Learn

This CD provides a fundamental introduction to Autodesk's AutoCAD 2002. You'll become familiar with the 2002 interface, coordinate system, entry methods, and basic display features. Object Snaps and how they work with geometry will also be covered. We'll provide detailed examples of drawing geometry with the various drawing commands.

Topics

Topics covered on this CBT include:

- Setting The Default Folder
- User Interface Overview
- The Toolbars Command Line Help Right Click
- Using the Escape, Enter, And F2 Keys
- Zoom Previous Command
- Zoom Window Command
- Zoom Extents Command
- Zoom Scale And Center Command
- Real-Time Zoom And Pan Shortcut Command
- Named Views Command
- Zoom Dynamic Command
- Absolute Coordinates Overview
- Relative Cartesian Coordinates Overview
- Relative Polar Coordinates Overview
- Object Snaps Overview
- Running Object Snaps Overview
- Snap And Grid Overview
- Inquiry Tools Overview
- Line Options
- Circle Options
- Arc Options
- Polylines Options
- Polylines Edit Options
- Points Options
- Ellipse Options
- Splines Options
- Selecting Objects Overview
- Erase Command Overview
- Move And Copy Command Overview
- Scale Command Overview
- Rotate Command Overview
- Grips Explanation Overview
- Advanced Grips Overview
- Layer On Off Settings Overview
- LT Scale Overview
- Line Weights Overview
- Change Properties Overview
- Layer Settings Overview
- Layer Freeze Thaw Settings
- Layer Lock Unlock Settings

- Layer Plot/No Plot Settings
- Creating Assign Properties
- Layer Filters Overview
- Other Layer Manager Features
- Assigning Objects By Layer
- Overriding By Layer Information
- Offset Command
- Trim Command
- Extend Command
- Fillet Command
- Chamfer Command
- Rectangular Array Command
- Polar Array Command
- Mirror Command
- Stretch Command

Companion CBT Titles

AutoCAD 2002 – Advanced Features
AutoCAD 2002 – Plotting and Paperspace
AutoCAD 2002 – Upgrade

Prerequisites

Users of this CD will need to have a comprehensive understanding of drafting terms and concepts and a working knowledge of the Microsoft Windows environment.

System Requirements

Our Computer Based Training (CBT) CDs do not require the Autodesk software to be loaded on your machine. These are stand-alone lessons. Hardware requirements include:

- Microsoft Windows 98, 2000, XP or NT
- Microsoft Internet Explorer 5.5 or greater
- 1024x768 screen resolution & 32 bit true color display required
- 64 MB Ram minimum, 128 Ram recommended
- Intel Pentium II 233 MHz minimum
- 200 MB hard disk space required for installation
- CD-ROM drive and mouse (or pointing device) needed for navigation

AutoCAD 2002 – Advanced Features

CBT - Computer Based Training

What You Will Learn

This CD continues to build on what you learned from the AutoCAD 2002 Fundamentals CBT. Topics covered in detail include drawing editing tools, use of grips, and more in-depth descriptions of AutoCAD's many layering tools. Also included are practical examples that build your CAD drawing construction skills using tools like trim, array, stretch and fillet.

Topics

Topics covered on this CBT include:

- Dtext Overview
- Find and Replace Text
- Scale Text Command
- Justify Text Command
- SpaceTrans Command
- Remove Mtext Formatting
- Spell Check Attributes
- Dtext Justifications
- Dtext Styles
- Unicode Text
- Mtext Overview
- Mtext Options
- Mtext Editing Options
- Mtext Properties Tab
- Mtext Line Spacing Tab
- Autostacking Mtext
- Understanding Block Functionality
- RefEdit XREF Overview
- Block Make Overview
- Inserting Blocks
- Drag And Drop Geometry
- Cut And Paste Overview
- Design Center Overview
- Design Center Icons
- Find Resize Bars Right Click
- RefEdit Block Overview
- Linear Dimension Overview
- Quick Dimensions
- Quick Leaders
- Create Dimension Style Overview
- Create Multiple Dimension Style Overview
- Match Properties With Dimension Style
- AutoCAD Design Center With Dimensions
- Editing Existing Text
- Linear Dimension Text Options
- Linear Dimension Text Position Options Overview
- Ordinate Dimension Options
- QDim Ordinate Dimension
- Aligned Dimension And Options
- Angle Dimension Overview
- Radius And Diameter Dimension Overview
- Ordinate Dimension Overview
- Hatch Dialog Box Overview
- Hatch Edit Dialog Box Overview
- Advanced Tab Hatch Dialog Box Overview
- Copying Hatch Properties Dialog Box Overview
- Using Match Properties On Hatching
- Options Dialog Box Otrack
- Object Snap Cycling
- Polar Tracking
- Extension Parallel Overview
- Object Snap Tracking
- Object Snap Tracking Settings
- Temporary Tracking

Companion CBT Titles

AutoCAD 2002 – Fundamentals

AutoCAD 2002 – Plotting and Paperspace

AutoCAD 2002 – Upgrade

Prerequisites

Users of this CD should have completed the AutoCAD 2002 Fundamentals CBT or the equivalent training class.

System Requirements

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AutoCAD 2002 – Plotting & Paperspace

CBT - Computer Based Training

What You Will Learn

With this CD you'll learn about the new paperspace and plotting features of AutoCAD 2002. The differences in methodology between R14 and 2002 will be covered in detail and you'll find that the whole plotting/paperspace process is much improved from R14. We'll cover transitioning issues, layouts, page setups, color dependent and named plot styles as well as a host of other details you'll need to know to effectively use these tools.

Topics

Topics covered on this CBT include:

- Explaining Paper Space
- Explaining Model Space vs. Paperspace
- Discuss Viewports Toolbar
- Renaming and Deleting Layouts
- Page Setup Dialog Box Overview
- Default Options Settings
- Creating A Rectangular Viewport For Paperspace
- Assign Scale To Viewport And Create Another Viewport
- Create Second Viewport Detail
- Move Viewport To Viewport Layer NoPlot
- Locking Display of Viewports
- Floating Model Space Dimensions
- Freeze And Thaw Layers In Viewports
- Using Text Space Transparency Between Model and Paperspace
- Using the Template Wizard
- Create Format Template Drawing for Design Center
- Using Design Center for Creating Layouts
- Using a Template File to Create Layouts
- Creating Page Setup Names for Model Space
- Creating Page Setup Names for Paper Space
- Importing Page Setup Name
- Creating Plotter PC3 Files
- Plotting With Color Dependent Plot Styles
- Editing Existing Color Dependent Plot Styles
- Using The Wizard To Create Color Dependent Plot Styles

- Explanation Of Named Plot Styles
- Editing Named Plot Styles
- Model Space Dimensions
- Creating Associative Dimensions To Link To Geometry
- Converting Color Dependent Plot Styles To Named Plot Styles
- Drawing Web Format (DWF)

Companion CBT Titles

AutoCAD 2002 – Fundamentals

AutoCAD 2002 – Advanced Features

AutoCAD 2002 – Update

Prerequisites

Users of this CD should have a working knowledge of Autodesk AutoCAD R14 or AutoCAD 2000/2000i.

System Requirements

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AutoCAD 2002 – Update

CBT - Computer Based Training

What You Will Learn

With this CBT you'll learn about all the new productivity features within AutoCAD 2002. We'll review each feature in the context of how you'd do the same task in R14 and then in 2002 so you can easily compare methodologies. You'll come away from this session fully prepared to put these new tools to work on your desktop.

Topics

Topics covered on this CBT include:

- New Ways To Find And Replace Text
- New Tools For Editing Existing Text
- Auto-Stacking MTEXT
- Removing The Formatting From MTEXT
- Line Spacing MTEXT
- Spell Checking Of Attributes
- The Scale Text Command
- The Justify Text Command
- Transitioning Text Between Paper And Model Space
- Using The Dimension Style Dialog Box
- Using Gripped Dimension Options
- Changing Dimensions With Object Properties
- Dragging Dimension Styles In With Design Center
- Matching Properties On Dimensions
- Using Quick Dimensions
- Using The New Quick Leader Feature
- Using Associative Dimensioning
- Layer Dialog Box Overview
- Layer Filters Dialog Box Overview
- Layer States Overview
- Line Weights Overview
- No Plot Function Overview
- Change Properties Function
- Quick Select Function
- Using Quick Select To Make Global Changes
- Using The New Layer Translator Tools
- Introduction To The CAD Standards Dialog Box
- Using The Block Attributes Manager
- Using The New Multiple Drawing Interface
- How To Cut, Paste, Drag & Drop With The MDI

- How To Match Properties Between Drawings
- The New Drawing Properties Command
- Block Make Overview
- RefEdit Block Overview
- RefEdit XREF Overview
- AutoSnaps And Autotracking
- AutoSnap Cycling Function
- Polar Tracking Function
- Extend Parallel Function
- How To Use Object Snap Tracking
- Managing Object Snap Tracking Settings
- Using The Toolbar's Right Click Options
- Design Center Overview
- Design Center Icons Overview
- Find Resize Bars Right Click Overview

Companion CBT Titles

AutoCAD 2002 – Fundamentals

AutoCAD 2002 – Advanced Features

AutoCAD 2002 – Plotting & Paperspace

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