



Autodesk® Architectural Desktop 2007 Tutorial Series

Computer Based Training

What You Will Learn:

In this comprehensive DVD, you'll learn ADT from the very basics to advanced project publishing and VIZ Render.

Topics covered on this CBT include:

ADT Basics

Getting Started in ADT 2007

- Learning the ADT 2007 Interface
- Learning to use dynamic input
- How to load ACAD tools into ADT
- Learn to use Right-Click menus
- Using grips in ADT
- Using the new Workspaces
- Using Profiles to your advantage
- Using Isolate Objects to simplify your ADT Views
- Using the new 2007 Visual Styles
- Using Edit in Plan, Section and Elevation with ADT objects
- Using Object Viewer in ADT
- Using icon switches to control your ADT startup

Introduction to ADT Content

- Using ADT Templates
- Using Content Browser
- Using Style Manager
- Using Display Manager

Using and Understanding Walls

- Understanding Wall Justification
- Learn to add walls to your drawing 1
- Learn to add walls to your drawing 2
- Learn to close walls using Ortho Close
- Understanding wall Cleanups 1
- Understanding wall Cleanups 2
- Wall Styles - an in-depth look 1
- Wall Styles - an in-depth look 2
- Wall Styles - an in-depth look 3

Walls - Putting it all together

- Learn to modify walls using trim-extend and offset commands
- Learn to modify a wall style assignment
- Learn to modify and add interior walls
- Learn to convert linework to walls

ADT Advanced

More with ADT Objects

- Interference Conditions-columns and walls
- Interference Conditions-stairs and slabs
- Using Anchors-node anchors
- Roofs - Add a Dormer
- Convert Linework to Stairs
- Using Object Profiles
- Learn to add multi-view blocks using AEC content
- Create a Multi-view Blocks 1
- Create a Multi-view Blocks 2

Advanced Walls - Putting it all together

- Using Advanced Wall Tools 1
- Using Advanced Wall Tools 2

Using ADT Layer Tools

- Layer Manager
- Layer Filters
- Layer States
- Using Layer Standards
- Creating a Standard Layer

Using ADT Annotation Tools

- Edit Scale List
- Using AEC Dimensions
- More modifications for AEC Dimensions
- Adding ADT Detail Callouts

Window Assemblies and Curtain Walls

- Creating a Custom Window Assembly
- Assemble a Custom Window Assembly
- Modifying the frames in a window assembly
- Modify the frames for plan view
- Creating a Custom Curtain Wall Unit
- Creating a Custom Curtain Wall
- Modifying the frames in a Curtain Wall
- Modify the frames for plan view
- Learn to modify style overrides

Prerequisites:

Users should have completed an AutoCAD Series CBT or posses the equivalent hands-on experience.

We also offer an ADT with AutoCAD Tutorial Bundle for those entirely new to the AutoCAD working environment. The bundle includes everything here plus AutoCAD 2006 and 2007 Tutorials.

Requirements:

- Windows XP
- Internet Explorer Browser
- Flash plugin
- DVD Drive
- Pointing device

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Doors and Windows

- Learn to add doors to your drawing
- Learn to modify doors to your drawing
- Door Styles - an in-depth look
- Learn to add windows to your drawing
- Learn to modify windows in your drawing
- Window Styles - an in-depth look
- Learn to add and modify openings to your drawing
- Where to find the delivered Styles

Doors and Windows

Putting it all together

- Learn to insert doors into a real-world floor plan
- Converting Line work to Objects

Window Assemblies and Curtain Walls

- Learn to add window assemblies
- Learn to modify window assemblies
- Learn to add Curtain Walls
- Learn to modify Curtain Walls
- Learn to use Edit-in-Place with window assemblies and curtain walls
- Learn to convert other objects to window assemblies
- Learn to convert other objects to curtain walls
- Learn to insert window assemblies into a real-world drawing
- Learn to insert curtain walls into a real-world drawing

Using Advanced Wall Tools

- Learn to add plan modifiers
- Learn to add body modifiers 1
- Learn to add body modifiers 2
- Learn to add wall sweeps 1
- Learn to add wall sweeps 2
- Learn to use wall merge
- Learn to add wall endcaps
- Learn to modify wall endcaps

Slabs and Roofs

- Learn to add slabs
- Learn to modify slabs
- Slab Styles - an in-depth look
- Learn to use Slab Edge Styles
- Slab Edge Styles - an in-depth look

Slabs - Putting it all together

- Learn to add slabs in a real-world drawing
- Learn to add roofs
- Learn to modify roofs 1
- Learn to modify roofs 2
- Learn to convert roofs to roof slabs and add holes
- Learn to modify roof edges using edge styles
- Learn to add roofs in a real-world drawing

Using the ADT Display System

- Modifying Display Controls
- Working with Display Themes
- Learn to modify a display themes
- Make custom display themes
- Understanding Cut Planes
- Using Style and Object Cut Planes
- Using Live sections
- Using the Detail Manager

Creating Details and Keynotes

- Add Details
- Label Details with Keynotes
- Modify details

The Project Navigator and Publishing

- Understanding Project Navigator
- The Project Tab
- The Constructs, Views, and Sheets Tabs
- Add drawings to Project Navigator
- Create Plan views and sheets
- Create Elevation views and sheets
- Create Section views and sheets
- Create Cover sheets
- Publish your project

VIZ Render

- Basic Overview of Viz Render
- Viz Render Interface
- Link to Viz Render
- Adding Daylight
- Adding a Camera and Background
- Rendering Options
- Creating a Basic Material
- Fine Tuning Curved Objects
- Export Model to 3D DWF

Spaces

- Learn to add spaces
- Learn to automatically generate spaces
- Learn to modify existing space objects
- Space Styles - an in-depth look

Spaces - Putting it all together

- Learn to add spaces in a real-world drawing
- Learn to add stairs
- Learn to modify stairs
- Stair Styles - an in-depth look
- Learn to add railings
- Learn to modify railings
- Railing Styles - an in-depth look
- Learn to add ceiling grids
- Learn to modify ceiling grids
- Learn to add fixtures to the ceiling plan
- Learn to add rectangular column grids
- Learn to add structural members
- Learn to add and modify columns
- Learn to add beams
- Learn to modify beams

Using ADT Annotation Tools

- Learn to tag door objects
- Learn to add space tags
- Learn to add Grid labels
- Learn to add object tags
- Learn how to apply and use Drawing Scale
- Learn to add Schedules
- Learn to modify schedules

Elevations and Sections

- Creating the building model
- Learn to add elevations
- Learn to modify elevations
- Learn to update elevations
- Learn to add sections
- Learn to modify sections

Using the ADT Display System

- Learn to use display controls
- Learn to modify the display of global objects
- Learn to modify the display of a style
- Learn to modify the display of an object
- Learn to modify multi-view blocks as needed