



OVERVIEW OF COURSE

AutoCAD for the Interior Designer

Course Length: 4 days

Focused around a hotel suite project, AutoCAD for the Interior Designer provides the Interior Design student with a non-intimidating, tutorial based approach to learning the AutoCAD program. We accomplish this by taking students that have no computer design experience from simple commands to complete projects in this course. This well organized and progressive approach to learning AutoCAD sets this course apart from others. To support all users, this course now covers AutoCAD for both Macs and PCs.

The emphasis of this course is on easy to understand descriptions and instructions, allowing the non-technical, artistic, visual learning Interior Design student to quickly get past the fear of using the computer to produce drawings. The focus is entirely on the use of AutoCAD for the Interior Design field and not simply architectural drawings.

Topics alternate between command descriptions, which are organized by a command set category, and exercises. This allows students to easily refer back to command descriptions without hunting through a topic that introduces commands as it progresses. The emphasis is on the practical use of commands using the AutoCAD ribbon workspace, rather than the multiple (and seldom used) command options.

Multiple exercises of the hotel suite, which includes floor plan, elevation views, dimensioning, and plotting, provide a practical application of the commands learned. Completely dimensioned drawings are provided at the beginning of each lesson so that the advanced student and our instructor can complete them without going through the step-by-step process. After completing this course, the student will be able to create all their 2-D Interior Design work using AutoCAD.

Topics include:

- Getting Started with AutoCAD
- Setting up and Intro to AutoCAD
- Commands - Set 1: Drawing Constructions - Getting Started
- Commands - Set 2: Working with Your Drawing
- Commands - Set 3: Laying out Your Drawing for Printing
- Commands - Set 4: Re-Using Objects and Getting Organized
- Commands - Set 5: Annotating Your Drawing
- Commands - Set 6: Creating and Editing Schedules
- Commands - Set 7: Creating Curves and Rendering
- Miscellaneous - Techniques, Commands and Options

Prerequisites

None

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Chapter 1 Getting Comfortable with AutoCAD

- Introduction to AutoCAD
- Hand Drawing vs. AutoCAD
- Clarification and Ground Rules
- The AutoCAD Screen
- Status Bar icons
- Toolbars
- Command Line
- Options – Screen Color & Right-Click
- Navigation Controls: UCS Icon, Navigation Bar, and View Cube
- Navigation Controls on the Mac
- AutoCAD Help
- Opening & Saving Drawings
- Using the Pull-Down Menu

Chapter 2 Setting-up and Intro to AutoCAD

- Units
- Three Easy Commands to Help Get You Started
- Line
- Circle
- Erase
- Methods of Selecting Objects
- Selection Window (LEFT to RIGHT)
- Crossing Window (RIGHT to LEFT)
- Removing Objects from the Selection
- Grips
- Zoom & Pan
- Zoom and Pan Using the Wheel Mouse
- Typing the Zoom Command

Chapter 3 Commands – Set 1: Drawing Construction - Getting Started

- Rectangle
- Explode
- Offset
- Construction Line
- Construction Line Options



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- Horizontal and Vertical Construction Lines
- Angled Construction Lines
- Offset Option
- Changing Object Limits
- Trim
- Extend
- Lengthen
- Object Snap – OSNAP
- OSNAP icon
- Using the OSNAP Feature
- Object Snaps – Override
- Object Snap Command Alias

Chapter 4 Hotel Suite Project – Tutorial 1

- Create the basic shell of the suite

Chapter 5 Commands – Set 2: Working with Your Drawing

- Measure
- Distance
- Radius
- Angle
- List
- Fillet – Creating Round or Sharp Corners
- Trim Option
- Setting the Chamfer Distance
- Manipulating Existing Objects
- Move
- Copy
- Rotate
- Mirror
- Array Commands

Chapter 6 Hotel Suite Project – Tutorial 2

- Create the Bathroom Walls
- Create the Closet Walls
- Create the Doors and Windows



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Chapter 7 Commands – Set 3: Laying-out Your Drawing for Printing

- Model Space
- Paper Space
- Viewports
- Page Setup Manager
- Plotting/Printing Your Drawing
- Model & Layout Tabs

Chapter 8 Hotel Suite Project – Tutorial 3

- Create a Layout for Plotting
- Create a Drawing Format
- Create a Template Drawing

Chapter 9 Commands – Set 4: Re-Using Objects and Getting Organized

- Blocks – Treating Multiple Objects as One
- Making Blocks
- Inserting Blocks
- Using Design Center
- Bring Styles, etc. into Your Drawing
- Manage Libraries: Adding Content
- Xrefs
- Layer Properties Manager
- Properties

Chapter 10 Hotel Suite Project – Tutorial 4

- Placing Furniture/Fixtures on the Floor Plan
- Adding the Blocks to the Drawing
- Adding Blocks to the Bedroom
- Adding Blocks to the Bathroom
- Adding Blocks to the Living Room
- Creating Layers
- Adding Layers to Template

Chapter 11 Commands – Set 5: Annotating Your Drawing

- Text
- Special Characters
- Scaling Text



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- Dimensions
- Multileader

Chapter 12 Hotel Suite Project – Tutorial 5

- Create an Elevation View
- Adding the Blocks to the Drawing
- Adding Blocks to the Bedroom Elevation
- Layout the Drawing
- Annotating the Drawing
- Creating a View Symbol Block
- Add a Block and Text, Dimension, and Multileader Styles to Template

Chapter 13 Commands – Set 6: Creating and Editing Schedules

- Tables – Creating a Schedule
- Creating a Table Style
- Table Title
- Table Header
- Table Data
- Inserting Tables on the Drawing
- Editing an Existing Table

Chapter 14 Commands – Set 7: Creating Curves and Rendering

- Arc
- Ellipse
- Polyline
- Spline
- Hatch
- Section Views
- Rendering
- Gradient Hatch

Chapter 15 Miscellaneous – Techniques, Commands, and Options

- Helpful Hints
- Finding the Center of a Rectangle
- Divide
- Break & Break at Point
- Polygon



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- Stretch
- Scale
- Tracing Pictures
- Circle Options
- Rectangle Options
- Trim/Extend Options
- Edge
- Drafting Settings
- Snap and Grid
- Ortho and Polar



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Cancellation Policy

The following cancellation policy shall apply to all training engagements, Live Online, Onsite, Consulting Services and Dedicated/ Custom Training:

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- For all Training orders, cancellation notices must be submitted to training@dezinext.com. Company is not responsible for any error in the delivery of the email notice. In the event of any reschedule of Onsite training and/or Consulting Services and/or Dedicated/Custom Training by Customer, Company will invoice Customer for all non-cancellable travel expenses.

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