



Consulting and Training | Reach New Heights

Course Name

AutoCAD for Architecture Design Projects

Sector Name

Information Technology

Document Type

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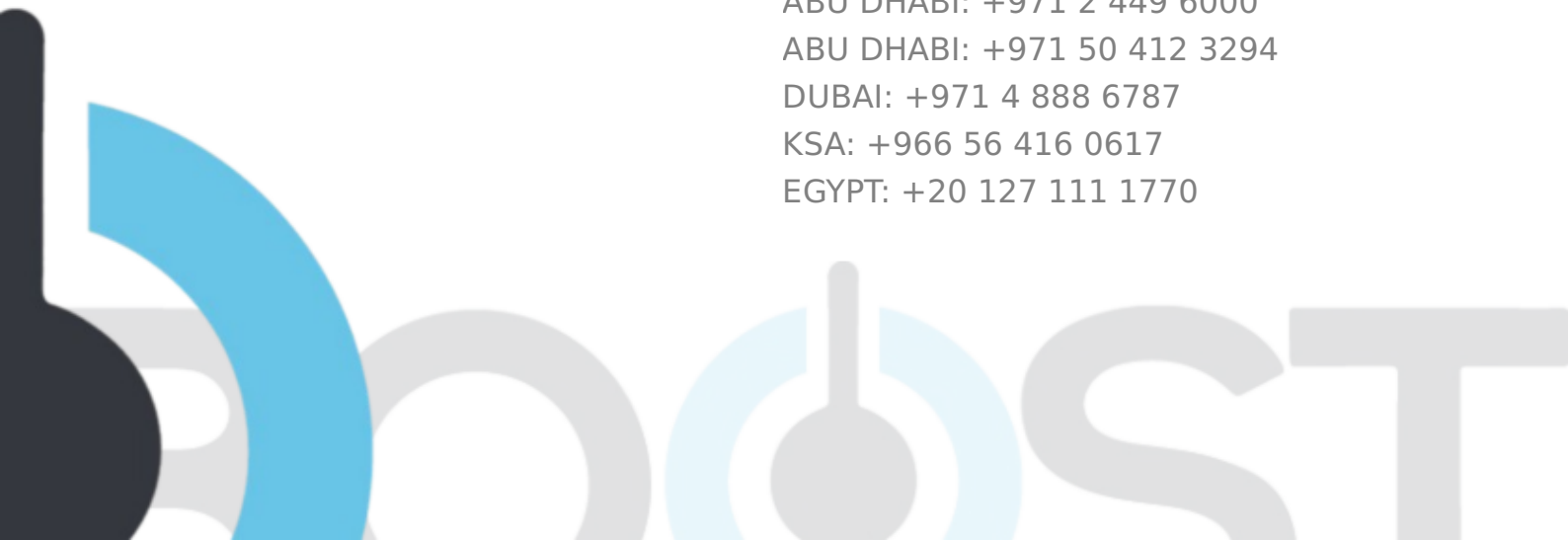
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AutoCAD for Architecture Design Projects

Course Introduction

This training program is designed by **Boost** to provide architecture professionals with practical and comprehensive skills in AutoCAD tailored for architectural design workflows. Focused on both 2D drafting and basic 3D modeling, the program enables participants to efficiently create construction drawings, space plans, and architectural details that comply with industry standards.

Through step-by-step instruction, hands-on drawing exercises, and the application of architectural standards, participants will gain a strong foundation in producing high-quality drawings from concept to documentation.

This training program emphasizes accuracy, clarity, and efficiency, teaching participants how to work with professional layering systems, reusable components, annotations, and plotting tools.

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Target Audience

- ✓ Architects and architectural technologists
- ✓ Interior designers and space planners
- ✓ Civil engineers and draftsmen
- ✓ CAD designers and technicians

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AutoCAD for Architecture Design Projects

Learning Objectives

- ✓ Navigate the AutoCAD interface and workspace efficiently
- ✓ Create and modify architectural drawings and technical details
- ✓ Annotate, dimension, and manage drawing layouts
- ✓ Organize project files and export professional documentation

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Course Outline

✓ DAY 01

Understanding the AutoCAD Environment

- ✓ Workspace customization and navigation tools
- ✓ Command line, properties panel, and status bar functions
- ✓ File management, templates, and units setup

Basic Drawing and Editing Commands

- ✓ Lines, circles, rectangles, and polylines
- ✓ Move, copy, offset, trim, extend, fillet, and array
- ✓ Object snaps and tracking

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Course Outline

✓ Day 02

Layer Tools and Standards

- ✓ Creating, naming, and organizing layers
- ✓ Assigning colors, linetypes, and lineweights
- ✓ Layer properties manager best practices

Text, Dimensions, and Hatching

- ✓ Creating and editing annotation styles
- ✓ Using multileaders and dimension tools
- ✓ Hatch patterns and gradient fills for architectural details

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Course Outline

✓ Day 03

Using Blocks and Dynamic Blocks

- ✓ Creating reusable architectural components
- ✓ Block insertion, scaling, and attribute definitions
- ✓ Organizing blocks in libraries for design efficiency

Managing Project Files and Xrefs

- ✓ External referencing (Xrefs) for large projects
- ✓ Sheet sets and file hierarchies
- ✓ Collaboration and drawing synchronization

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Course Outline

✓ Day 04

Working with Layouts and Viewports

- ✓ Paper space vs. model space
- ✓ Creating scaled viewports and view management
- ✓ Setting up multiple sheet layouts for printing

Plotting and Publishing Drawings

- ✓ Plot style tables and plot configurations
- ✓ Batch plotting and PDF export
- ✓ Title blocks, revision tables, and sheet stamps

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Course Outline

✓ Day 05

Architectural Drawing Standards and Detailing

- ✓ Drafting walls, doors, windows, and stairs
- ✓ Dimensioning floor plans, elevations, and sections
- ✓ Creating architectural symbols and notations
- ✓ Capstone Project: Designing a small architectural layout with full documentation

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Oct. 18, 2027	Oct. 22, 2027	5 days	2150.00 \$	Virtual , Online
March 14, 2027	March 18, 2027	5 days	4250.00 \$	KSA , Riyadh
June 7, 2027	June 11, 2027	5 days	5950.00 \$	USA , Los Angeles
Aug. 23, 2027	Aug. 27, 2027	5 days	4250.00 \$	UAE , Dubai

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