Course Outline

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Picasso Institute
Nothing Can Stop You

Picasso Institute

We are a family that is passionate about art, publishing it and transferring it from being a luxury, to works of art that are at the core of life and form its patterns and are inseparable from it.Picasso institute, has a new creative vision to reformulate the social beliefs about learning and creativity. We are keen on providing high quality vocational training and determined to boost the Jordanian and the Arab Market with the best graduates who will change the world colors. . Our specializations, training diplomas, are unique, elite and help visualize and create your own future. At Picasso institute, you have to start off with your imagination, we provide you with the means that make this imagination a reality. The tools and the information provided by Picasso professionals emboss an inscription on your hands. As the great artist Pablo Picasso said '' Everyone is born an artist'', we have to protect the artist that lies in you and create tangible art.

Founded in 2014 in Jordan

Branches

- Jordan-Amman
- UAE-Dubai
- UAE-Abu Dhabi
- KSA-Riyadh
- Qatar-Lusail

Course Overview

The AutoCAD Course is designed to equip students with the technical skills and knowledge required to create precise and detailed 2D and 3D drawings using AutoCAD, one of the industry's leading design software tools. This course focuses on introducing the fundamental tools and functions of AutoCAD, enabling students to develop professional-level drafting and design abilities. Students will learn to navigate the AutoCAD interface, understand and utilize essential commands, and create accurate drawings of objects, architectural plans, and layouts. In addition to 2D drafting, students will explore 3D modeling techniques, allowing them to visualize and manipulate objects in three dimensions.

Course Content

- Basic drawing skills (Navigate 2D Drawings X & Y Axis).
- Zoom (Zoom In & Out, Zoom Extend, Zoom Window).
- Using drawing aids (Use Grid and Snap, Employ Ortho and Polar Tracking, Use Polar Snap, Select Running Object Snaps, Harness the From Snap).
- Editing entities (Create Selection Sets, Move and Copy, Rotate and Scale, Work with Arrays, Trim and Extend, Lengthen and Stretch, Offset and Mirror, Edit with Grips).
- Shaping curves (Draw and Edit Curved Polylines, Draw Ellipses, Shape Splines, Blend between Objects with Splines).
- Layers (Change Object Properties, Set the Current Layer ,Alter the Layer Assignments of Objects , Control Layer Visibility , Apply Line type, Assign Properties by Object or by Layer , Manage Layer Properties, Isolate Objects).
- Blocks (Make Blocks, Insert Blocks , Edit Blocks , Redefine Blocks, Work with Groups)
- Hatching and gradients (Specify Hatch Areas, Associate Hatches with Boundaries, Hatch with Pattern, Hatch with Gradients).
- Working with another AutoCAD file (Work with Global Blocks, Access Content Globally, and Store Content on Tool Palettes, Reference External Drawings and Images).
- Creating and editing text (Style Text, Write Lines of Text, Write and Format Paragraphs, Edit Text).
- Dimensioning (Dimensions Style, Add Dimensions, Edit Dimensions).

- Layouts and annotative objects(Create Annotative Styles and Objects, Create Layouts, Adjust Floating Viewports , Override Layer Properties in Layout Viewports , Draw on Layouts).
- Printing and plotting (Configure Output Devices, Create Plot Style Tables, Use Plot Style Tables, Plot in Model Space, Plot Layouts in Paper Space, and Export to an Electronic Format).

Course Delivery Method

Classroom

Learning Outcomes

By the end of this course, students will be able to:
- Confidently use the AutoCAD workspace, menus, toolbars, and commands to create and modify drawings efficiently.
- Produce precise 2D technical drawings, including floor plans, elevations, and sections, using fundamental drafting tools and techniques.
- Organize drawings by applying layers, adding dimensions, and annotating details to enhance clarity and communication in technical documents.
- Utilize advanced commands and editing tools, such as arrays, trimming, and extending, to manipulate and refine drawings with precision.
  Create basic 3D models of objects and spaces, visualizing designs in three dimensions for better representation and understanding.
- Scale drawings appropriately and prepare them for printing or exporting, ensuring that they meet professional standards for presentation and construction.
- Understand and apply drafting standards and conventions to produce drawings that are suitable for architectural, engineering, or interior design projects.

Final Project

- Mood Board.
- Sketches.
- The students are required to redesign the layout of a villa according to new architectural requirements and present it as an initial deliverable for the client.
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Requirements for Successfully Passing the Course

- Commitment to attend the training course and not to exceed the permitted absence rate, which is 15% of the number of hours for the training course.
- Submission of the course project.

Who Can Join

At Picasso institute, anyone can join, regardless of their background or experience. Whether you're a beginner or have some prior knowledge, you are welcome to explore and develop your creativity with us. No previous experience is required.

Minimum Age to Join

At Picasso institute, anyone 16 and older can join.

Course Language

At Picasso Institute, the course is structured as follows

- Presentations and course materials are provided in English.
- The explanation and instruction are delivered in Arabic.

Privileges for Students at Picasso Institute

- Visits from the institute to enhance their experience.
- Full access to all institute facilities.
- Opportunities for one-on-one consultations with experts in various fields.
- Participation in many hands-on workshops.
- Exclusive networking events with industry professionals.
- Access to special exhibitions and guest lectures.
- Personalized mentorship to help guide creative projects.
- Opportunities to showcase student work in school-organized exhibitions.

At Picasso Institute, we believe that every artist has a unique story to tell and limitless potential to unlock. As you begin this creative journey with us, know that you are not just a student but an integral part of a community that celebrates imagination, passion, and innovation. We are here to support and guide you every step of the way. Stay curious, embrace challenges, and let your creativity shine. We can't wait to see the extraordinary work you will create!

Welcome to the Picasso Institute family!