Picasso Institute
Nothing Can Stop You

JEWELRY DESIGN USING MATRIX GOLD - ADVANCED LEVEL

Course Outline

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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 Jewelry Design Using Matrix Gold - Advanced Level course provides students with specialized skills in digital jewelry design, focusing on the powerful 3D software Matrix Gold. Designed for students who already have a foundational understanding of jewelry design, this course takes them deeper into the intricacies of creating intricate, precise, and production-ready jewelry models. Students learn to build complex designs, refine details, and incorporate advanced elements. The course covers advanced tools within Matrix Gold, including parametric design, which allows for quick adjustments and efficient experimentation with different styles and dimensions. Emphasis is placed on developing a workflow that moves from initial concept sketches to final 3D renderings, with attention to accuracy and technical specifications that ensure each design is manufacturable.

Course Content

- Instillation new MatrixGold.
- Bangle bracelet with lock.
- Tennis bracelet with lock.
- Locks types.
- Earing Lock Clips advanced Technical.
- Technical parts and types of moving parts of the advanced ring, bracelet and chain.
- Advanced ring design 3d modeling with advanced commands and techniques.
- Modeling mechanical parts of Necklace design.
- Subdivision surface techniques.
- Pendant Design.
- Export for 3d print machine.

Required Tools

Laptop

Device Specifications:

- CPU (Core i7)
- RAM (16 GB) Minimum
- Hard Desk (SSD 512) + (HDD 1 tb)
- Graphics Cards (NVIDIA GEFORCE RTX 2050) (4GB)
- Windows 10 Pro or 11 Pro (64 bit)

Learning Outcomes

By the end of this course, students will be able to:

- Utilize advanced features and tools in MatrixGold, such as parametric design and custom settings, to create complex and intricate jewelry models.
- Develop precise 3D jewelry designs that meet professional standards, ensuring they are fully manufacturable and optimized for 3D printing or traditional production methods.
- Integrate technical requirements, such as accurate measurements and material thickness, into their designs to ensure each piece is durable, functional, and suitable for real-world production.
- Create realistic, visually compelling 3D renderings of jewelry designs suitable for client presentations, marketing materials, or portfolio enhancement.
- Use Matrix Gold's tools to efficiently modify and iterate on designs, allowing for client adjustments and personalized touches while maintaining overall design integrity.
- Export completed 3D models for presentation, production, or prototyping, bridging the gap between design and manufacturing.

Final Project

- Students are required to submit a final project consisting of 2 or 3 jewelry pieces designed using the techniques and tools learned throughout the course.

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!

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