Postgraduate Certificate
3D Digital Interior Design

tech global university

Postgraduate Certificate

3D Digital Interior Design

- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Global University**
- » Credits: **6 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/design/postgraduate-certificate/3d-digital-interior-design**

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01
Introduction

The development of technology and advances in computer systems already allow, nowadays, to simulate anything with the clear objective of bringing reality to the project and see how the final result would be in 3 dimensions. In the case of interior design, this is applicable not only to the structure of the buildings, but also to the design of the furniture and furnishings that will be used later on. With this program the specialist will be able to learn how to perfectly handle the Adobe Illustrator program, through which they will be able to transform any object into a 3D simulation. All this through a 100% online program with which, in just 6 weeks, you will master the most complex and sophisticated techniques of this strategy.

Being able to include a 3D simulation in your final project will increase the value and quality of your project, an aspect that will be highly valued by your clients"

The possibility of being able to capture ideas in 3D simulations has opened up a new world in the interior design sector, as it allows the creative to give more realism to their projects, while helping them to get closer to what the client wants as a final result. The development of tools such as Adobe Illustrator gives the possibility of working with simulations that are very close to reality, applying their techniques to any environment of decoration, especially in terms of furniture and furnishings.

With this Postgraduate Certificate in 3D Digital Interior Design, the graduate will acquire the competencies and skills necessary to perfectly handle this program and its more complex tools. Through 180 hours of theoretical and practical education, you will be able to delve into the different sections of the software, its features, uses and applications, acquiring specialized knowledge about 3D representation.

In addition, thanks to its convenient 100% online format, you will be able to access the virtual classroom whenever you want and need it, and through any device with an Internet connection. You will also find hours of high quality additional material: detailed videos, images, practical exercises, complementary readings and research articles with which you can contextualize the syllabus and delve into those aspects you consider most relevant for your development as an interior design professional.

This **Postgraduate Certificate in 3D Digital Interior Design** contains the most complete and up-to-date program on the market. The most important features include:

- The development of practical cases presented by experts in Design and Architecture
- The graphic, schematic, and practical contents with which they are created, provide practical information on the disciplines that are essential for professional practice
- Practical exercises where the self-assessment process can be carried out to improve learning
- Its special emphasis on innovative methodologies
- Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- Content that is accessible from any fixed or portable device with an Internet connection

A unique opportunity to study a 100% online program from anywhere and that with total guarantee will provide you with the necessary knowledge to master 3D simulation"

A program that will give you the keys to combine textures and colors in a harmonious way through a thorough knowledge of the different pattern panels"

With this course you will delve into the tools for 3D simulation, as well as the pros and limitations of their use.

Do you have detailed knowledge of how to create Moodboards? With this program, you will be able to create the best trend boards in the industry.

The program's teaching staff includes professionals from the sector who contribute their work experience to this educational program, as well as renowned specialists from leading societies and prestigious universities.

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

02
Objectives

The objective of this Postgraduate Certificate is none other than to serve as a guide to the graduate in their specialization in 3D digital design applied to the interior design sector. For this, TECH will provide the most sophisticated teaching tools of the university environment, and the best syllabus, so that in less than 180 hours, you will have mastered the use of Adobe Illustrator and its application in the design of furniture and interior decoration furnishings.

Would you like to learn everything you need to know about 3D rendering in Illustrator? If that's your goal, with this program you will overcome it with total guarantee"

General Objectives

- Guide the graduate in their specialization in 3D Digital Interior Design
- Allow the designer to develop a broad and specialized knowledge on the use of the most modern and current 3D tools in the interior design sector

"You will be able to apply Flash graphics to your projects, giving your work movement, dynamism and a clear component of modernity that will make you stand out with your digital portfolio"

Specific Objectives

- Simulate furniture in 3D using Adobe Illustrator software
- Get to know the types of simulations that it allows and how to adapt them to the projects
- Apply all the tools and functions involved in the creation of 3D furniture
- Learn how to transmit the inspirations to the final clients
- Be able to layout and expose the final result of the designs

03
Course Management

For this Postgraduate Certificate in 3D Digital Interior Design TECH has selected a group of professionals with a long and extensive career in the participation and management of projects, not only interior design, but design in general, even international. It is a group that is currently working in the sector, so it knows in detail the new developments and trends that are taking place right now. Therefore, the graduate will not only acquire an exhaustive knowledge of Illustrator, but will also be able to keep up to date with the latest news in their sector.

"

The teaching team has selected practical cases for this program, so that you can work on them and perfect your creative skills, while specializing in 3D design"

Management

Ms. García Barriga, María

- PhD in Design and Marketing Data
- Communicator at RTVE
- Communicator at Telemadrid
- University Teacher
- Author of The Pattern of Eternity: Creating a Spiral Identity for Automating Fashion Trends
- Communication, Marketing and Social Campaigns. Arts Heritage - Digital Marketing
- Editor-in-Chief. Chroma Press
- Marketing and Social Media Account Executive. Servicecom
- Web Content Editor. Premium Difusión, Diario Siglo XXI and Magazine Of Managers
- PhD, Design and Marketing Data. Polytechnic University of Madrid
- Bachelor's Degree in Information Sciences, Communications, Marketing and Advertising. Complutense University of Madrid
- Postgraduate degree in Marketing and Communication in Fashion and Luxury companies. Complutense University of Madrid
- Certified in Data Analysis & Creativity with Python in China
- MBA Fashion Business School, the Fashion Business School of the University of Navarra

Professors

Ms. Miñana Grau, Mari Carmen

- ◆ Textile designer at Petite Antoinette
- ◆ Designer at Donzis Estudios
- ◆ Designer at Summon Press
- ◆ Pattern maker at Valentín Herraiz
- ◆ Degree in Fashion Design by Barreira Art and Design
- ◆ Digital Design Expert with Adobe Illustrator
- ◆ Specialty in pattern making, cutting and sewing of Valencian clothing by Aitex Paterna

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Structure and Content

The structure and content of this Postgraduate Certificate have been designed taking into account the criteria of the teaching team, who, in addition to creating the syllabus, have created additional high-quality material in different formats: detailed videos, dynamic summaries, images, guides, etc. All this, with the aim that the graduate can get the most out of this educational experience by correctly contextualizing the information and delving into those aspects they consider most relevant for their professional development and performance.

The flexibility of this program will allow you to contact you from wherever you want and whenever you want, so that you can organize yourself without any hassle or stress"

Module 1. 3D Digital Design

1.1. 3D Representation
    1.1.1. Presentation of 3D Simulations
    1.1.2. Presentation of Adobe Illustrator
    1.1.3. Tools and Uses applied to Furniture

1.2. Tools for 3D Simulation
    1.2.1. Extrusion and Beveling
    1.2.2. Rotate and Twist
    1.2.3. Pros and Limitations of Simulations

1.3. Preparation for 3D
    1.3.1. Research and Creation, Outlines
    1.3.2. Moodboards
    1.3.3. Development of the View

1.4. Textures and Colors
    1.4.1. Color Panels
    1.4.2. Patterns and Textures
    1.4.3. Creating and Importing Patterns, Textures and Colors

1.5. 3D Rotation: Preparation
    1.5.1. 3D Rotation Tool
    1.5.2. The Template and Silhouette
    1.5.3. Sections
    1.5.4. Color and Opacities

1.6. 3D Rotation: Application
    1.6.1. 3D Rotation Panel
    1.6.2. Application of Patterns
    1.6.3. Textures Application

1.7. 3D Rotation: Perspectives
    1.7.1. Modifications and Shading
    1.7.2. Modification of the Symbol
    1.7.3. Presentation of the View

Enroll now and become, in only 6 weeks, a specialist in Interior Design through 3D modeling"

Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning.**
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

" *At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"*

You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

> *Our program prepares you to face new challenges in uncertain environments and achieve success in your career"*

The case method is the most widely used learning system in the best faculties in the world. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

The student will learn to solve complex situations in real business environments through collaborative activities and real cases.

Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

In 2019, we obtained the best learning results of all online universities in the world.

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our university is the only one in the world authorized to employ this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically. With this methodology we have trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.

This program offers the best educational material, prepared with professionals in mind:

Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.

30%

Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.
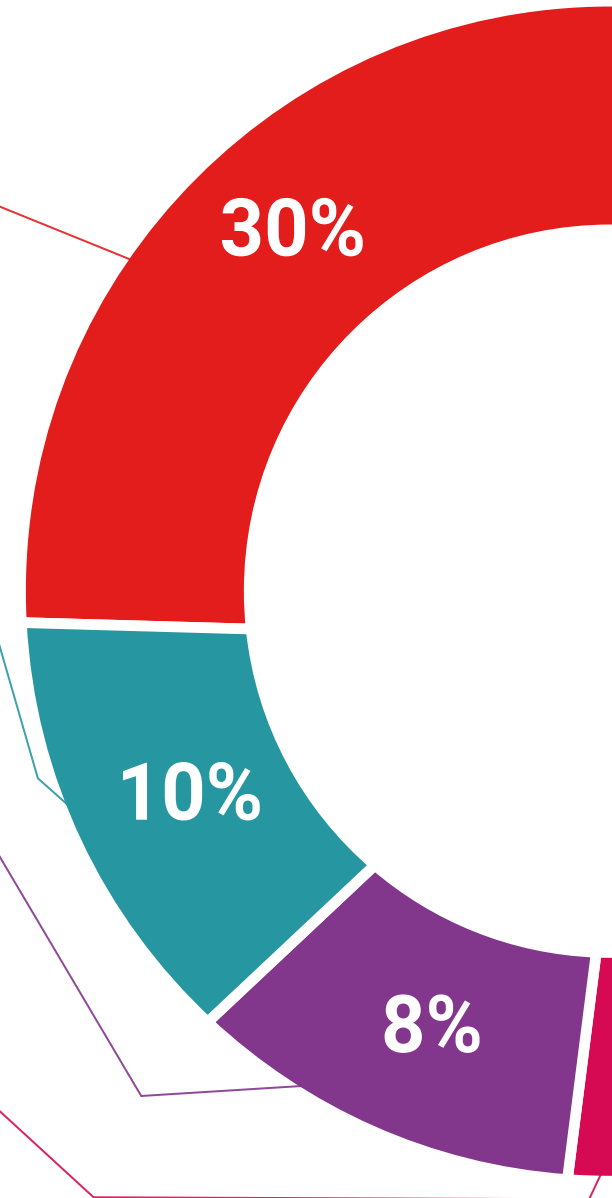
Practising Skills and Abilities

They will carry out activities to develop specific competencies and skills in each thematic area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.

10%

Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.

8%

20%

25%

4%

3%

Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best specialists in the world.

Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.

Certificate

The Postgraduate Certificate in 3D Digital Interior Design guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.

Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This program will allow you to obtain your **Postgraduate Certificate in 3D Digital Interior Design** endorsed by **TECH Global University**, the world's largest online university.

TECH Global University is an official European University publicly recognized by the Government of Andorra (*official bulletin*). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** title is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in 3D Digital Interior Design**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**

tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Certificate in 3D Digital Interior Design

This is a program of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

Unique TECH Code: AFWORD23S   techtitute.com/certificates

*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.

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