Postgraduate Diploma
Ethical Product Design

tech *global university*

Postgraduate Diploma

Ethical Product Design

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Global University**
- » Credits: **18 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/design/postgraduate-diploma/postgraduate-diploma-ethical-product-design**

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Introduction

Today, awareness of how products are designed and manufactured has increased on a societal level. It is no longer only important that they are aesthetically pleasing and functional, but also that they have been created according to ethical criteria. This circumstance ends up affecting even their sales, so the designer specialized in this field is increasingly in demand. In response to this situation, this program is presented as a great opportunity for the professional, who will be able to learn the latest techniques in this area, from a 100% online teaching methodology with which he/she will be able to combine his/her studies and daily work.

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This program will allow you to learn the fundamental principles of Ethical Product Design, giving you access to important professional opportunities in a field that is increasingly in demand"

Potential buyers of any product no longer look only at its utility and visual appearance, but also at its design and manufacturing process. Thus, it is essential for companies today that their internal processes are ethical, reflecting these principles in their products and increasing their sales by improving their reputation.

For this reason, the professional profile of the Expert Designer in Ethical Design is increasingly in demand, but there are not many specific programs oriented to this aspect. For this reason, TECH has been responsible for developing this degree, with which the professional can delve into issues such as the Circular Economy, the Carbon Footprint Registry, the requirements and Ethical Principles relating to the practice of Design or methodological proposals for the Implementation of Eco-Design.

All this, from an online learning system that will allow you to continue developing your work without interruptions, since this program will not subject you to rigid schedules or uncomfortable commuting. In addition, you will have at your disposal a highly prestigious teaching staff, who will be in charge of providing all their knowledge to the student using the most advanced multimedia resources.

This **Postgraduate Diploma in Ethical Product Design** contains the most complete and up-to-date program on the market. The most important features include:

- The development of case studies presented by experts in Sustainable Design
- The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- Practical exercises where self-assessment can be used 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

The most advanced multimedia resources will be at your fingertips: videos, activities, interactive summaries, master classes, complementary readings, etc."

TECH's 100% online methodology will make it very easy to combine studies with work, since it will be completely adapted to your personal circumstances"

You will delve, thanks to this degree, into green public procurement and methodological proposals for the implementation of Eco-Design.

Learn the basics of the Circular Economy and apply them to Ethical Manufacturing Product Design.

The program's teaching staff includes professionals from the sector who contribute their work experience to this training 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 training programmed to train 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.

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Objectives

This Postgraduate Diploma aims to deepen the principles of Ethical Product Design, a fundamental aspect of creation and manufacturing today. Thus, the professional will have the opportunity to become a true specialist in this field thanks to its complete and deep contents and its teaching methodology, specially designed for the active worker and for the student who has several projects under way outside his academic life.

This program will help you to progress professionally quickly and immediately by becoming a great Ethical Product Design Specialist"

General objectives

- Knowing how to synthesize one's interests through observation and critical thinking, translating them into Artistic Creations
- Having a comprehensive approach to the Circular Economy in buildings in order to maintain a strategic vision of implementation and best practices
- Recognize the environment of Sustainability and the Environmental Context

All the keys to Ethical Design are here, presented through attractive educational resources that will make learning easy and effective. learning will be simple and effective"

Specific objectives

Module 1. Circular Economy

- Quantify through Life Cycle Analysis and Carbon Footprint Calculation the impact on Sustainability in the Management of Buildings for the development of improvement plans that allow Energy Savings and Reduction of the Environmental Impact produced by the buildings
- Master the criteria of Green Public Procurement in the Real Estate Sector in order to be able to face and attend them with criteria

Module 2. Ethics and Business

- Acquire an Integrating and Global Vision of the Design Practice, understanding the Social, Ethical and Professional Responsibility of the design activity and its role in society
- Know at a basic level the Regulatory, Legal, Organizational Structures and work patterns in the Artistic, Intellectual, Economic, Technological and Political Contexts, analyzing their development potential from the Design point of view
- Know and apply the terminology and methodology of the professional environment

Module 3. Sustainable Design

- Know the main Environmental Impact Analysis Instruments
- Recognize the importance of Sustainability in Design
- Knowing the relevant environmental regulations when designing a new product

03
Structure and Content

This Postgraduate Diploma in Ethical Product Design has been structured in 3 specialized modules with which the professional will be able to learn about the latest advances in the Circular Economy, its characteristics, benefits and legislation, the life cycle of products, the Public Dimension of Applied Ethics in the creation of a product or the importance of improving Productivity through Design, among many other aspects of relevance in this area.

This is the curriculum that will make you a great specialist in Ethical Product Design"

Module 1. Circular Economy

1.1. Circular Economy Trend
    1.1.1. Origin of the Circular Economy
    1.1.2. Definition of Circular Economy
    1.1.3. Need for the Circular Economy
    1.1.4. Circular Economy as a Strategy
1.2. Characteristics of the Circular Economy
    1.2.1. Principle 1. Preserve and Improve
    1.2.2. Principle 2. Optimize
    1.2.3. Principle 3. Promote
    1.2.4. Key Characteristics
1.3. Benefits of the Circular Economy
    1.3.1. Economic Advantages
    1.3.2. Social Advantages
    1.3.3. Business Advantages
    1.3.4. Environmental Advantages
1.4. Circular Economy Legislation
    1.4.1. Regulations
    1.4.2. European Directives
    1.4.3. Legislation Spain
    1.4.4. Autonomous Community Legislation
1.5. Life Cycle Analysis
    1.5.1. Scope of Life Cycle Assessment (LCA)
    1.5.2. Stages
    1.5.3. Reference Standards
    1.5.4. Methodology
    1.5.5. Tools

1.6. Green Public Procurement
    1.6.1. Legislation
    1.6.2. Green Procurement Manual
    1.6.3. Guidance on Public Procurement
    1.6.4. Public Procurement Plan 2018-2025
1.7. Carbon Footprint Calculation
    1.7.1. Carbon Footprint
    1.7.2. Types of Scope
    1.7.3. Methodology
    1.7.4. Tools
    1.7.5. Carbon Footprint Calculation
1.8. CO2 Emission Reduction Plans
    1.8.1. Improvement Plan. Supplies
    1.8.2. Improvement Plan. Demand.
    1.8.3. Improvement Plan. Installations
    1.8.4. Improvement Plan. Equipment
    1.8.5. Emissions Offsets
1.9. Carbon Footprint Registry
    1.9.1. Carbon Footprint Registry
    1.9.2. Pre-registration Requirements
    1.9.3. Documentation
    1.9.4. Application for Registration
1.10. Good Circular Practices
    1.10.1. Methodology BIM
    1.10.2. Selection of Materials and Equipment
    1.10.3. Maintenance
    1.10.4. Waste Management
    1.10.5. Reuse of Materials

Module 2. Ethics and Business

2.1. Methodology
    2.1.1. Documentary Sources and Search for Resources
    2.1.2. Bibliographic Citations and Research Ethics
    2.1.3. Methodological Strategies and Academic Writing

2.2. The Field of Morality: Ethics and Morals
    2.2.1. Ethics and Morals
    2.2.2. Material and Formal Ethics
    2.2.3. Rationality and Morality
    2.2.4. Virtue, Goodness and Justice

2.3. Applied Ethics
    2.3.1. The Public Dimension of Applied Ethics
    2.3.2. Ethical Codes and Responsibilities
    2.3.3. Autonomy and Self-Regulation

2.4. Deontological Ethics Applied to Design
    2.4.1. Requirements and Ethical Principles related to the Practice of Design
    2.4.2. Ethical Decision Making
    2.4.3. Relationships and Ethical Professional Skills

2.5. Corporate Social Responsibility
    2.5.1. Ethical Sense of the Company
    2.5.2. Code of Conduct
    2.5.3. Globalization and Multiculturalism
    2.5.4. Non-discrimination
    2.5.5. Sustainability and Environment

2.6. Introduction to Commercial Law
    2.6.1. Concept of Commercial Law
    2.6.2. Economic Activity and Commercial Law
    2.6.3. Significance of the Theory of the Sources of Commercial Law

2.7. The Company
    2.7.1. Economic Concept of the Company and the Entrepreneur
    2.7.2. Legal Regime of the Company

2.8. The Entrepreneur
    2.8.1. Concept and Characteristics of the Entrepreneur
    2.8.2. Partnerships and Corporations (Corporations and Limited Liability Companies)
    2.8.3. Acquisition of Entrepreneurial Status
    2.8.4. Corporate Responsibility

2.9. Regulation of Competition
    2.9.1. Antitrust
    2.9.2. Unlawful or Unfair Competition
    2.9.3. Competitive Strategy

2.10. Intellectual and Industrial Property Law
    2.10.1. Intellectual Property
    2.10.2. Industrial Property
    2.10.3. Modalities of Protection for Creations and Inventions
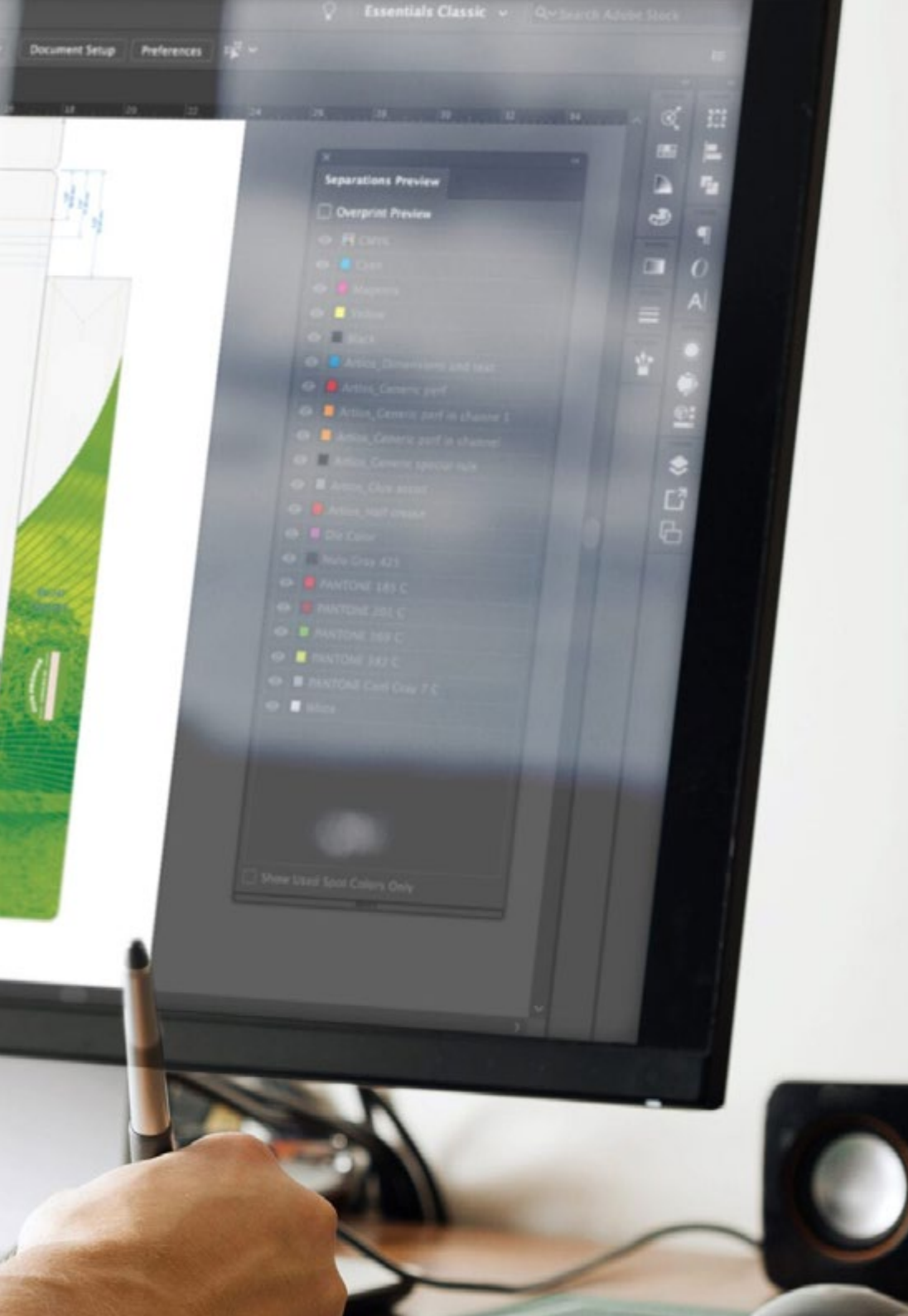
Module 3. Sustainable Design

3.1. Environmental Status
    3.1.1. Environmental Context
    3.1.2. Environmental Perception
    3.1.3. Consumption and Consumerism

3.2. Sustainable Production
    3.2.1. Ecological Footprint
    3.2.2. Biocapacity
    3.2.3. Ecological Deficit

3.3. Sustainability and Innovation
    3.3.1. Production Processes
    3.3.2. Process Management
    3.3.3. Production Start-up
    3.3.4. Productivity by Design

3.4. Introduction. Eco-Design
    3.4.1. Sustainable Development
    3.4.2. Industrial Ecology
    3.4.3. Eco-efficiency
    3.4.4. Introduction to the Concept of Eco-Design

Many companies want to bring in ethical design experts to improve their reputation and sales quickly and efficiently"

04
Methodology

This training program offers a different way of learning. Our methodology uses a cyclical learning approach: *Re-learning*.

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 Re-learning, 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"

At TECH we use the Case Method

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

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

We are the first online university to combine Harvard Business School case studies with a 100% online learning system based on repetition.

A learning method that is different and innovative

This intensive Design program at TECH Global University will prepare you to face all the challenges in this area, both nationally and internationally. We are committed to promoting your personal and professional growth, the best way to strive for success, that is why at TECH you will use Harvard case studies, with which we have a strategic agreement that allows us to provide our students with material from the best university the world.

" 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 by 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, through collaborative activities and real cases, how to solve complex situations in real business environments.

Re-learning Methodology

Our university is the first in the world to combine the Harvard University *case studies method* with a 100% online learning system based on repetition, combining 8 different didactic elements in each lesson.

We enhance Harvard *case studies* with the best 100% online teaching method: Re-learning.

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 Re-learning.

Our university is the only university 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.

Re-learning 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.

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 we live in.

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.

30%

10%

8%

20%

25%

4%

3%
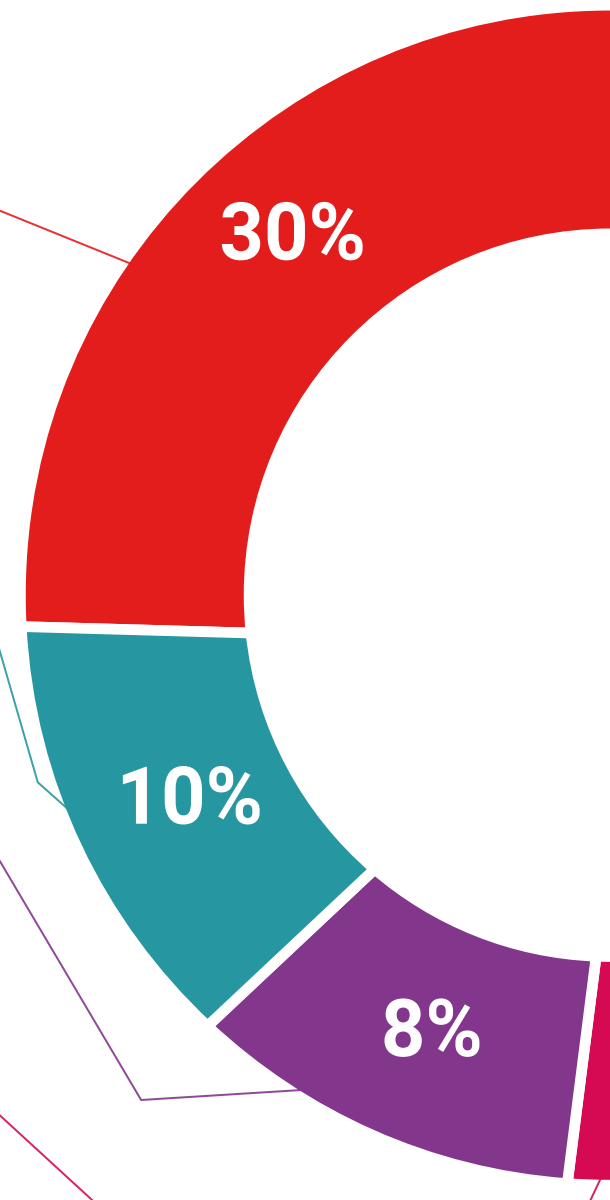
Case Studies

They will complete a selection of the best case studies in the field used at Harvard. Cases that are presented, analyzed, and supervised by the best senior management 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 multimedia content presentation training Exclusive system 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 your goals.

Certificate

The Postgraduate Diploma in Ethical Product Design guarantees you, in addition to the most rigorous and updated training, access to a Postgraduate Diploma issued by TECH Global University.

Successfully complete this training and receive your university degree without travel or laborious paperwork"

This program will allow you to obtain your **Postgraduate Diploma in Ethical Product 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 Diploma in Ethical Product Design**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**

tech global university

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

Postgraduate Diploma in Ethical Product Design

This is a program of 450 hours of duration equivalent to 18 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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