Postgraduate Certificate
Blockchain Certification

tech global university

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Blockchain Certification

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

Website: www.techtitute.com/us/information-technology/postgraduate-certificate/blockchain-certification

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01

Introduction

The advancement of Blockchain technology has led to evolution of Certification in this field. From being an unknown technology in the past, the importance of validating information on blockchain is now recognized. Therefore, this validation has emerged as a seal of quality and authenticity in this digital environment. With this in mind, it is essential to have comprehensive IT specialists who are aware of the legitimacy offered in the virtual world. Therefore, TECH has designed a 100% online program that offers easy access, since the student can enter from anywhere by simply having at hand an electronic device with a network connection.

You will explore various cases in all sectors where validations are used and how NFTs can revolutionize access management to virtual assets"

Previously, Blockchain technology and the Certification associated with it were virtually unknown to most people. Only a few crypto and cryptocurrency experts and enthusiasts were familiar with this innovative technology. The idea of using a blockchain to store and verify transactions seemed futuristic and far-fetched to some

However, as technology has developed and gained popularity, verification in this field has begun to emerge as a necessity. As applications have expanded beyond cryptocurrencies, the importance of validating information and ensuring its authenticity has been recognized.

Additionally, it is not only limited to cryptocurrencies, but has expanded into various fields, such as product traceability, digital asset management, intellectual property rights protection and more. This is why this need for an IT expert has become urgent, as it is important to validate information and ensure integrity in an increasingly digitized world.

Being consistent with this, TECH has arranged for these professionals a Postgraduate Certificate in Blockchain Certification, with the intention of giving them necessary resources to become experts in validation and legitimacy of these virtual assets. With a 100% online program and a format made up of multimedia materials, the computer scientists will be able to coordinate their work and personal activities with their learning activity, since they will not be subject to fixed schedules.

This **Postgraduate Certificate in Blockchain** 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 Finance and Blockchain
- The development of practical cases presented by experts in finance and Blockchain
- The graphic, schematic and practical contents of the book provide technical and practical information on those 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

With this Postgraduate Certificate you will learn how to add value to wine bottles digitally, satisfying customer demand"

With this 100% online Postgraduate Certificate you will have what you need to become a reference in the digital anti-counterfeiting sector"

Discover the hidden value of NFTs and learn about tokenomics, becoming an expert in authenticity valuation.

Interested in product traceability? Explore blockchain options and discover how to achieve perfect traceability, thanks to TECH.

The program includes, in its teaching staff, professionals from the sector who bring to this educational program their work experience, as well as renowned specialists from reference societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive education programmed to prepare for real situations.

The program design focuses on Problem-Based Learning, by means of which the professional must try to solve the different professional practice situations that are presented throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

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Objectives

The main objective of this Postgraduate Certificate is for the computer scientist to learn about the program, so that they can acquire specialized knowledge, practical skills and job opportunities in this field. This will enable them to implement solutions, ensure information security and be at the forefront of emerging technologies. For this purpose, a variety of didactic resources such as interactive summaries and specialized readings are offered, stored in a virtual library that can be accessed from any location 24 hours a day which can be accessed from anywhere, without any type of restriction.

You will discover markets, platforms and wallets for NFTs management and their valorization in digital field"

General Objectives

- To analyze scope of the Fintech revolution
- To identify origin and reasons for Fintechs to appear
- To observe the differential value provided by Fintechs
- To develop the tokenization concept
- To analyze the tokenization process
- To identify which projects are tokenizable
- To establish tokenization advantages
- To provide an in-depth understanding of Blockchain technology and its implementation in asset tokenization
- To analyze technical specifications of tokens and their standards, Blockchain types, security in Blockchain networks, smart contracts, success stories and advantages and disadvantages of asset tokenization
- To apply the most advanced concepts and tools to carry out token and cryptocurrency trading transactions in a secure and efficient manner

Specific Objectives

- To analyze real cases of application of NFTs as certificates of authenticity
- To determine needs of smart contracts to meet traceability and authenticity requirements
- To identify other possible applications of NFTs as certificates of authenticity

Avoid double sales and ensure secure transactions, knowing the solutions offered by Blockchain technology"

03

Course Management

In order to implement this Certificate, a meticulous selection of teachers has been carried out. This ensures that students have access to content developed by experts with extensive experience in NFTs and asset tokenization. In addition, it will be complemented with a variety of multimedia materials, such as quick action guides, which will provide the student with an excellent learning experience.

Discover how NFTs become unforgeable guarantors and learn how to integrate them into product certification chains"

Management

Dr. Gómez Martínez, Raúl

- Founding Partner and CEO of Open 4 Blockchain Fintech
- Founding Partner of InvestMood Fintech
- General Manager of Apara
- D. in Business Economics and Finance from Universidad Rey Juan Carlos de Madrid.
- Degree in Economics and Business Administration from Universidad Complutense de Madrid.
- Professional Master's Degree in Economic Analysis and Financial Economics from the Complutense University of Madrid

Professors

D. Diner, Franco

- Blockchain Developer at Open 4 Blockchain Fintech
- Blockchain Developer at Bifrost
- IT Developer at Arbell
- Fullstack Developer at Digital House
- Systems Analyst at O.R.T. Technical School
- Bachelor's Degree in Information Technology from the University of Palermo
- Tutor and teacher of Coderhouse Web Development

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Structure and Content

This Postgraduate Certificate includes a syllabus that professional will use in their work practice and that will provide them with knowledge in NFT as guarantors of authenticity against counterfeiting, product certification chains and the problem of double sales in the digital sector. In order to achieve this learning, TECH implements the Relearning methodology, which will allow the student to learn with less effort and more performance. In addition, it is a flexible format that will allow you to carry out your personal and learning activities, without neglecting any of them, since you will not be subject to fixed schedules.

With Relearning you will have a customized Syllabus designed under the most effective pedagogical methodology"

Module 1. Certification of authenticity with NFTs

1.1. NFT concept for luxury items
- 1.1.1. Objectives and needs of luxury sector
- 1.1.2. NFT structure
- 1.1.3. NFT compatible networks

1.2. Dimension of the counterfeit market
- 1.2.1. Secondary and parallel market
- 1.2.2. Other anti-counterfeiting tools
- 1.2.3. Market dimension and losses incurred for brands

1.3. NFT as a guarantor of authenticity against counterfeits
- 1.3.1. NFT Only fully forgery-proof solution
- 1.3.2. NFTs integration into product certification chains
- 1.3.3. Verification of authenticity guarantees

1.4. Double sales elimination with NFT
- 1.4.1. Double-selling problem in the digital sector
- 1.4.2. Solutions provided by Blockchain technology
- 1.4.3. Smart contract modifications to ensure that no double sales can be made

1.5. Sales and purchase process with NFTs
- 1.5.1. Markets for authenticity NFTs
- 1.5.2. Independent platforms
- 1.5.3. NFT Management Wallets

1.6. Item traceability
- 1.6.1. Product traceability
- 1.6.2. Blockchain options for traceability
- 1.6.3. Blockchain traceability products

1.7. NFT assessment
- 1.7.1. Tokenomics of authenticity NFTs
- 1.7.2. NFT value
- 1.7.3. Residual value of NFTs in consumable products

1.8. Use case 1. Clocks
  1.8.1. Customer needs
  1.8.2. Residence of product value
  1.8.3. Customer benefits with use of NFTs
1.9. Use case 2. Wine bottles
  1.9.1. Customer needs
  1.9.2. Residence of product value
  1.9.3. Customer benefits with use of NFTs
1.10. Other possible use cases
  1.10.1. Certificate applications in other sectors
  1.10.2. NFT as certificate in access management
  1.10.3. NFT as carbon credit certificate

Combat the counterfeit market and protect reputable brands by knowing NFTs' tools and structure"

05

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.

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

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 has been the most widely used learning system among the world's leading Information Technology schools for as long as they have existed. 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 that you are presented with in the case method, an action-oriented learning method. Throughout the course, students 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.

Relearning Methodology

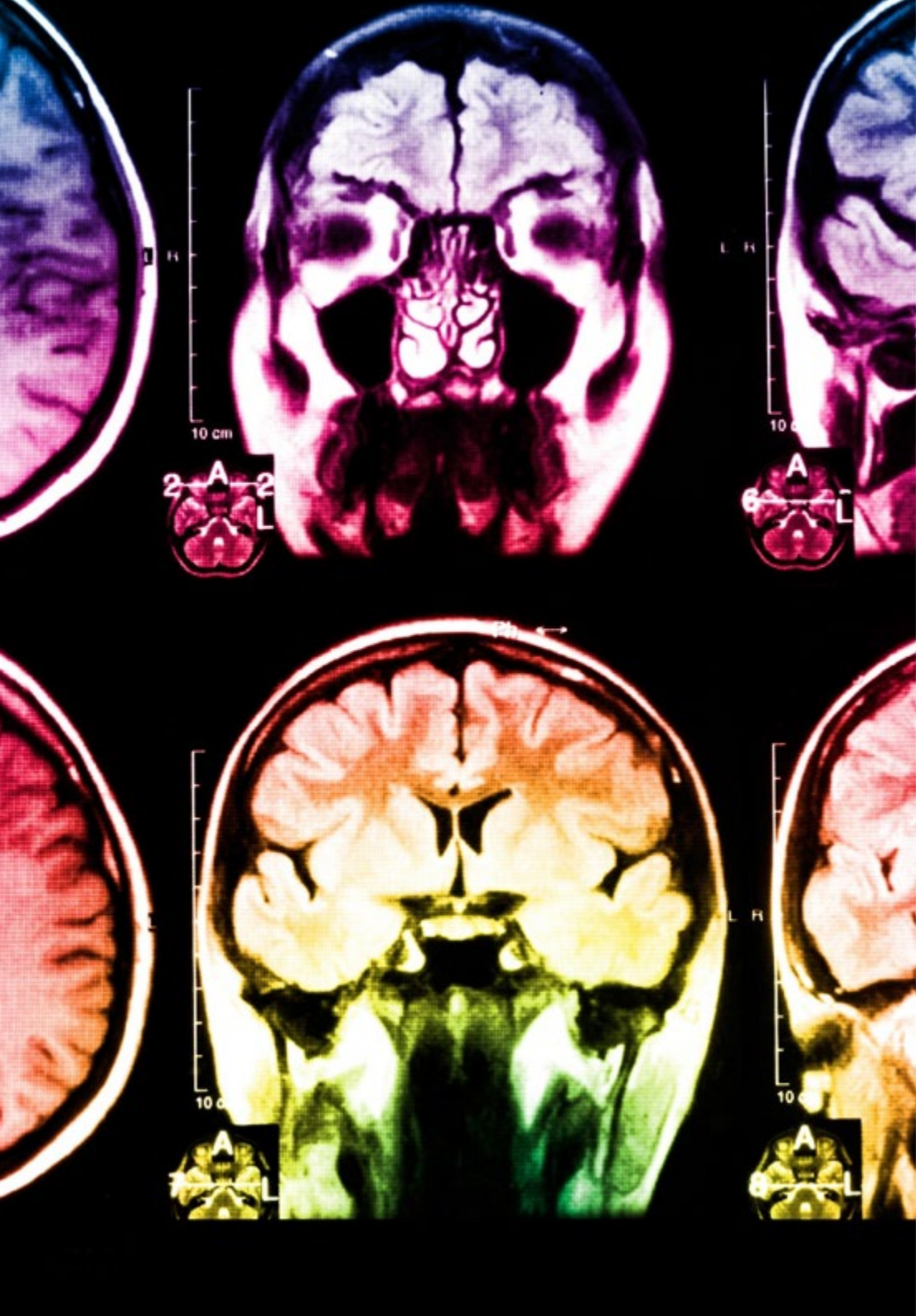
TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

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.



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. This methodology has 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, and financial markets and 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.

Classes

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

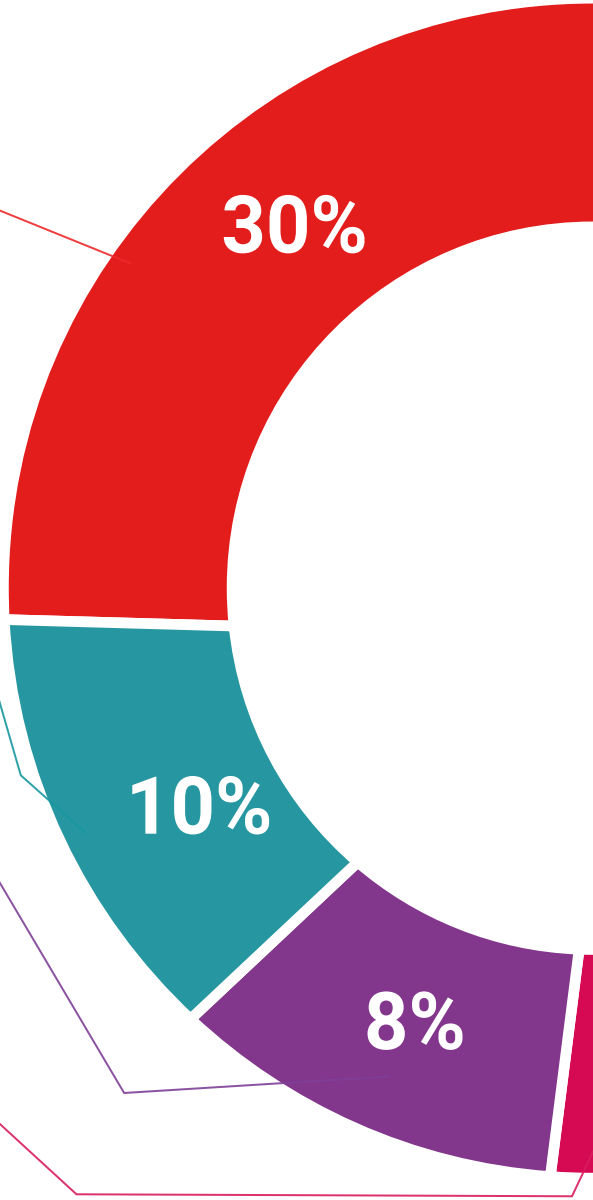
Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

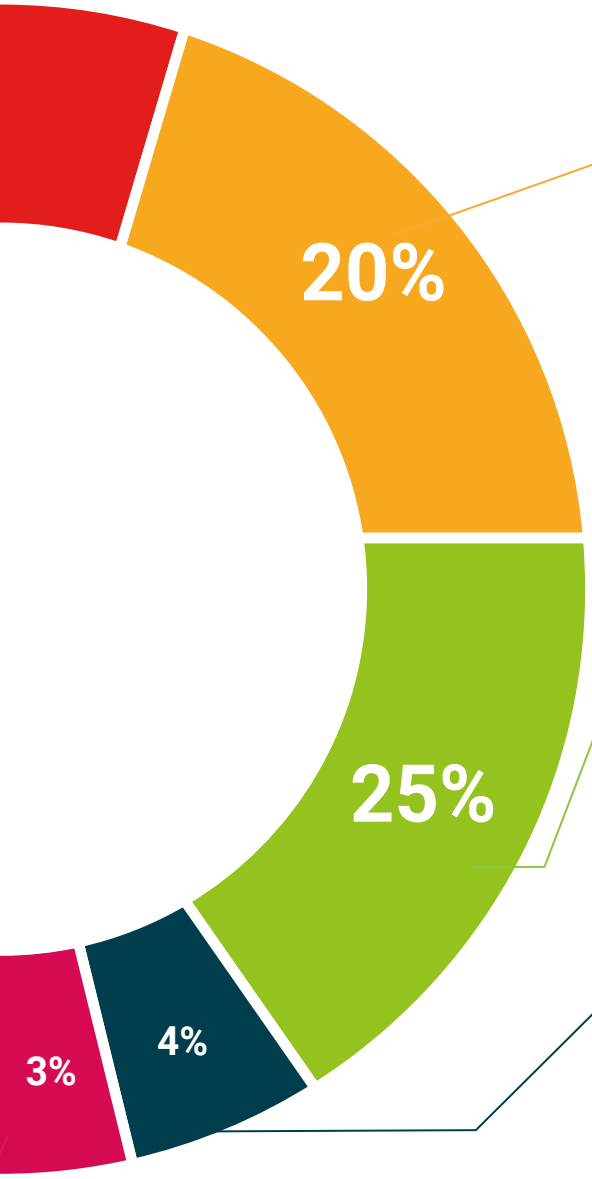
Practising Skills and Abilities

They will carry out activities to develop specific skills and abilities in each subject 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.

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.





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.

06

Certificate

The Postgraduate Certificate in Blockchain Certification 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 Certificate without having to travel or fill out laborious paperwork"

This program will allow you to obtain your **Postgraduate Certificate in Blockchain Certification** 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 Blockchain Certification**

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 Blockchain Certification

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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