

Postgraduate Certificate

Key Components of the Metaverse



Postgraduate Certificate Key Components of the Metaverse

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online
- » Target Group: University Graduates, Graduates and Undergraduates who have previously completed any of the programs in the field of Social and Legal Sciences, Administration and Business, as well as technology professionals who are looking to reinvent their careers in an industry with many possibilities for the future.

Website: www.techtute.com/us/school-of-business/postgraduate-certificate/key-components-metaverse

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01 Welcome

The Metaverse is a concept that is gaining more and more importance in the digital world, as users interact and participate in activities similar to those in the real world. In this context, the economy in this virtual scenario is a fundamental and growing topic. For this reason, TECH Technological University offers this specialized program in Key Components of the Metaverse 100% online, which addresses topics such as the economy in the Metaverse, cryptocurrencies and non-fungible *tokens* (NFTs), decentralized technology, artificial intelligence, among others. Additionally, this programs offers a 100% online syllabus, from one of the most interactive learning platforms in the pedagogical market. Therefore, the graduate will handle didactic materials in multimedia format, with videos and infographics.



Postgraduate Certificate in Key Components of the Metaverse.
TECH Technological University



“

Discover the advanced technologies that are transforming the economy and the business world in the metaverse with this 100% online TECH Technological University program developed by experts"

02

Why Study at TECH?

TECH is the world's largest 100% online business school. It is an elite business school, with a model based on the highest academic standards. A world-class center for intensive managerial skills education.



“

TECH is a university at the forefront of technology, and puts all its resources at the student's disposal to help them achieve entrepreneurial success"

At TECH Technological University



Innovation

The university offers an online learning model that balances the latest educational technology with the most rigorous teaching methods. A unique method with the highest international recognition that will provide students with the keys to develop in a rapidly-evolving world, where innovation must be every entrepreneur's focus.

"*Microsoft Europe Success Story*", for integrating the innovative, interactive multi-video system.



The Highest Standards

Admissions criteria at TECH are not economic. Students don't need to make a large investment to study at this university. However, in order to obtain a qualification from TECH, the student's intelligence and ability will be tested to their limits. The institution's academic standards are exceptionally high...

95% | of TECH students successfully complete their studies



Networking

Professionals from countries all over the world attend TECH, allowing students to establish a large network of contacts that may prove useful to them in the future.

+100000

executives prepared each year

+200

different nationalities



Empowerment

Students will grow hand in hand with the best companies and highly regarded and influential professionals. TECH has developed strategic partnerships and a valuable network of contacts with major economic players in 7 continents.

+500

collaborative agreements with leading companies



Talent

This program is a unique initiative to allow students to showcase their talent in the business world. An opportunity that will allow them to voice their concerns and share their business vision.

After completing this program, TECH helps students show the world their talent.



Multicultural Context

While studying at TECH, students will enjoy a unique experience. Study in a multicultural context. In a program with a global vision, through which students can learn about the operating methods in different parts of the world, and gather the latest information that best adapts to their business idea.

TECH students represent more than 200 different nationalities.

TECH strives for excellence and, to this end, boasts a series of characteristics that make this university unique:



Analysis

TECH explores the student's critical side, their ability to question things, their problem-solving skills, as well as their interpersonal skills.



Academic Excellence

TECH offers students the best online learning methodology. The university combines the *Relearning* methodology (the most internationally recognized postgraduate learning methodology) with Harvard Business School case studies. A complex balance of traditional and state-of-the-art methods, within the most demanding academic framework.



Economy of Scale

TECH is the world's largest online university. It currently boasts a portfolio of more than 10,000 university postgraduate programs. And in today's new economy, **volume + technology = a groundbreaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.



Learn with the best

In the classroom, TECH's teaching staff discuss how they have achieved success in their companies, working in a real, lively, and dynamic context. Teachers who are fully committed to offering a quality specialization that will allow students to advance in their career and stand out in the business world.

Teachers representing 20 different nationalities.



At TECH, you will have access to the most rigorous and up-to-date case analyses in academia"

03

Why Our Program?

Studying this TECH program means increasing the chances of achieving professional success in senior business management.

It is a challenge that demands effort and dedication, but it opens the door to a promising future. Students will learn from the best teaching staff and with the most flexible and innovative educational methodology.



“

We have highly qualified teachers and the most complete syllabus on the market, which allows us to offer you education of the highest academic level”

This program will provide you with a multitude of professional and personal advantages, among which we highlight the following:

01

A Strong Boost to Your Career

By studying at TECH, students will be able to take control of their future and develop their full potential. By completing this program, students will acquire the skills required to make a positive change in their career in a short period of time.

70% of students achieve positive career development in less than 2 years.

02

Develop a strategic and global vision of the company

TECH offers an in-depth overview of general management to understand how each decision affects each of the company's different functional fields.

Our global vision of companies will improve your strategic vision.

03

Consolidate the student's senior management skills

Studying at TECH means opening the doors to a wide range of professional opportunities for students to position themselves as senior executives, with a broad vision of the international environment.

You will work on more than 100 real senior management cases.

04

You will take on new responsibilities

The program will cover the latest trends, advances and strategies, so that students can carry out their professional work in a changing environment.

45% of graduates are promoted internally.

05

Access to a powerful network of contacts

TECH connects its students to maximize opportunities. Students with the same concerns and desire to grow. Therefore, partnerships, customers or suppliers can be shared.

You will find a network of contacts that will be instrumental for professional development.

06

Thoroughly develop business projects

Students will acquire a deep strategic vision that will help them develop their own project, taking into account the different fields in companies.

20% of our students develop their own business idea.

07

Improve soft skills and management skills

TECH helps students apply and develop the knowledge they have acquired, while improving their interpersonal skills in order to become leaders who make a difference.

Improve your communication and leadership skills and enhance your career.

08

You will be part of an exclusive community

Students will be part of a community of elite executives, large companies, renowned institutions, and qualified teachers from the most prestigious universities in the world: the TECH Technological University community.

We give you the opportunity to study with a team of world-renowned teachers.

04 Objectives

The objective of TECH's Technological University's 100% online Postgraduate Certificate in Key Components of the Metaverse is to provide business professionals with an updated and in-depth knowledge of the key elements that make up the Metaverse and how they affect the economy and business, so that they can acquire key skills and discover new business opportunities in this virtual universe.



“

*Obtain tools for digital identity
and the protection of your assets
and businesses in the metaverse”*

**TECH makes the goals of their students their own goals too.
Working together to achieve them.**

The **Postgraduate Certificate in Key Components of the Metaverse** will enable students to:

01

Fundamentalize Web 3.0 as a main component for the creation of a Metaverse and identify the barriers and potential of VR, AI

02

Examine the legislation underlying the Metaverses

03

Examine the legislation underlying the Metaverses





04

Establish the relevance of Avatars as a starting point in a Metaverse

05

Specify why three key aspects of the Metaverse can turn it into a multi-activity scenario

06

Develop the Metaverse components in real case studies

05

Structure and Content

TECH Technological University has become a benchmark in the university environment thanks to the implementation of the *Relearning* methodology in the development of its 100% online Postgraduate Certificate in Key Components of the Metaverse. This pedagogical strategy is based on the reiteration of key concepts throughout the syllabus, which allows a natural and progressive acquisition of knowledge by the student. Thanks to the quality and quantity of material included in the course, this is the best academic option for those professionals interested in specializing in the metaverse environment and the management of projects related to virtual worlds.



“

Explore the possibilities of investment and leverage in the Metaverse to maximize your return on investment”

Syllabus

Currently, the Metaverse is one of the fastest growing fields in the digital world, which translates into a growing interest from companies and professionals to know and master the technologies and tools that make this virtual universe possible. In this context, TECH's Technological University's 100% online Postgraduate Certificate in Key Components of the Metaverse offers specialized and updated training in this field, through an innovative and dynamic methodology that allows students to adapt their learning pace to their needs.

The syllabus of TECH's Technological University's Postgraduate Certificate in Key Components of the Metaverse addresses fundamental topics such as economics in the metaverse, advanced technologies such as artificial intelligence and virtual reality, digital identity, corporate governance and international law, among others. Each of these topics is addressed by a teaching staff highly specialized in Data Science, engineering, CEO of technology companies and masters in M&A and Private Equity, among other studies, which guarantees a quality and updated teaching in the latest trends and technologies of the Metaverse.

The online modality will allow students to access the contents at any time and place, and at their own learning pace. Additionally, the *Relearning*, methodology, based on the reiteration of key concepts throughout the syllabus, guarantees a natural and progressive acquisition of knowledge. All this makes this course the best academic option for those professionals interested in specializing in the metaverse environment and the management of projects related to virtual worlds.

Ultimately, TECH's Technological University's 100% online Postgraduate Certificate in Key Components of the Metaverse offers specialized and up-to-date education in a field of great interest and growth in the digital world, allowing students to acquire key skills and learn about the latest trends and technologies in the Metaverse. This will provide them with new business opportunities and enable them to adapt to a constantly evolving business environment.

This Postgraduate Certificate is developed over 6 week and is divided into 1 module:

Module 1

The Metaverse



Where, When and How is it Taught?

TECH Technological University offers the possibility of developing this Postgraduate Certificate in Key Components of Metaverse completely online. Throughout the 6 weeks of the program, the students will be able to access all the contents of this program at any time, which will allow the students to distribute their study time.

A unique educational experience, key and decisive to boost your professional development and take the definitive leap.

Module 1. The Metaverse

1.1. Metaverse Economy: Cryptocurrencies and Non Fungible Tokens (NFTs)

- 1.1.1. Cryptocurrencies and NFTs. Metaverse Economy Basics
- 1.1.2. Digital economy
- 1.1.3. Interoperability for a Sustainable Economy

1.2. Metaverse & Web 3.0 in the Cryptocurrency Space

- 1.2.1. Metaverse & Web 3.0
- 1.2.2. Decentralized Technology
- 1.2.3. Blockchain, Web 3.0 Basis and Metaverse

1.3. Metaverse Advanced Technologies

- 1.3.1. Augmented Reality and Virtual Reality
- 1.3.2. Artificial Intelligence
- 1.3.3. IoT

1.4. Corporate Governance: Metaverse International Legislation

- 1.4.1. FED
- 1.4.2. Metaverse Legislation
- 1.4.3. Mining

1.5. Digital Identity for Individuals, Assets and Businesses

- 1.5.1. Online Reputation
- 1.5.2. Protection
- 1.5.3. Digital Identity Impact in the Real World

1.6. New Sales Channels

- 1.6.1. *Business to Avatar*
- 1.6.2. Improve User Experience
- 1.6.3. Single Environment Products, Services and Content

1.7. Experiences based on Ideals, Beliefs and Likes

- 1.7.1. Artificial Intelligence as a Driving Force
- 1.7.2. Personalized Experiences
- 1.7.3. Power of Mass Manipulation

1.8. VR, AR, AI and IoT

- 1.8.1. Advanced Technologies Metaverse Success
- 1.8.2. Immersive Experience
- 1.8.3. Technological Analysis. Uses

1.9. Key Aspects of the Metaverse: Presence, Interoperability and Standardization

- 1.9.1. Interoperability. First Commandment
- 1.9.2. Metaverse Standardization for Proper Functioning
- 1.9.3. The Metaverses of the Metaverse

1.10. Metaverse Real Estate

- 1.10.1. Leverage Methods in the Metaverse
- 1.10.2. Borderless Trading in Virtual Spaces
- 1.10.3. Reduced Physical Space Operation



“

Take advantage of the flexibility of a 100% online course with an innovative and up-to-date methodology for business professionals”

06

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"

TECH Business School uses the 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*”



This program prepares you to face business challenges in uncertain environments and achieve business success.



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

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch to present executives with challenges and business decisions at the highest level, whether at the national or international level. 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 business reality is taken into account.

“

You will learn, through collaborative activities and real cases, how to solve complex situations in real business environments”

The case method has been the most widely used learning system among the world's leading business 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 we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They must integrate all their knowledge, research, 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.

Our online system will allow you to organize your time and learning pace, adapting it to your schedule. You will be able to access the contents from any device with an internet connection.

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 online business school is the only one in the world licensed to incorporate 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.

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 specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to 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.



Management Skills Exercises

They will carry out activities to develop specific executive competencies in each thematic area. Practices and dynamics to acquire and develop the skills and abilities that a high-level manager 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.





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 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 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.



07

Our Students' Profiles

This Postgraduate Certificate in Key Components of the Metaverse is aimed at University Graduates, Graduates and Undergraduates who have previously completed any of the following programs in the field of Social and Legal Sciences, Administrative and Economic Sciences, as well as those specialized in the fields of Engineering and Computer Science with an interest in the Digital Marketing Sector.

This program uses a multidisciplinary approach as the students have a diverse set of academic profiles and represent multiple nationalities.

Professionals with a university degree in any field and two years of work experience in the IT field of virtual and digital contexts may also take the Postgraduate Certificate.



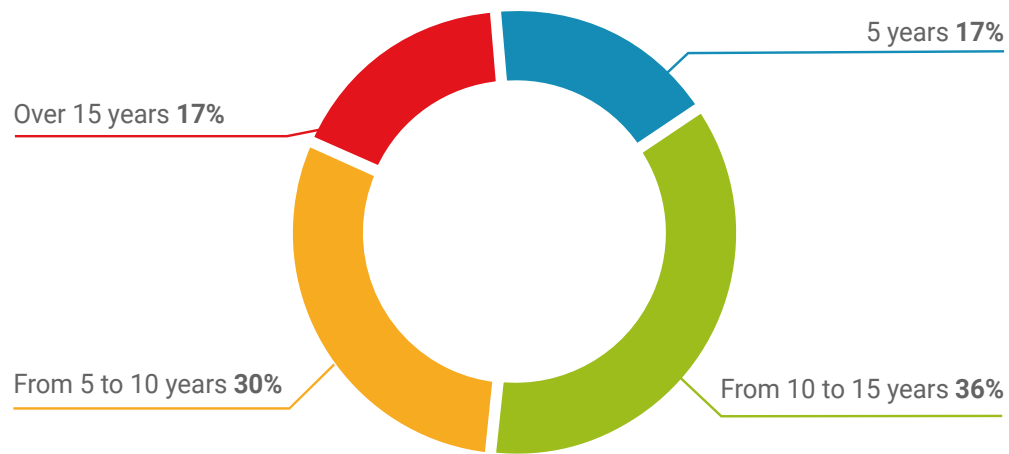


Learn the keys to corporate governance and international legislation in the metaverse for a sustainable growth of your business in an updated and comfortable syllabus"

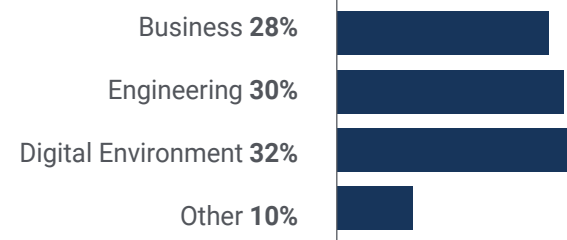
Average Age

Between **35** and **45** years old

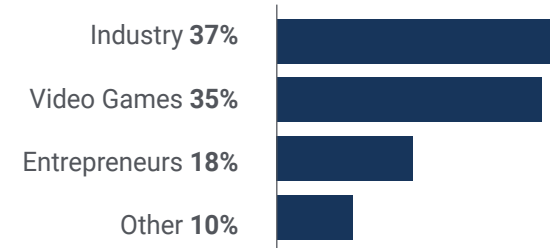
Years of Experience



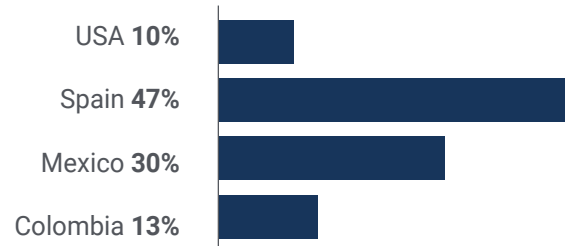
Training



Educational Profile



Geographical Distribution



Martin González

Director of Digital Innovation in a major technology company

Taking the Postgraduate Certificate in Key Components of the TECH Technological University Metaverse has been an enriching and essential experience for my work in the digital world. Thanks to the training received by highly specialized experts in this field, I have acquired key skills in advanced technologies such as artificial intelligence and virtual reality, and I have learned to adapt to a constantly evolving business environment. Without a doubt, this course has been a great boost to my career. I highly recommend this course to any professional interested in specializing in the Metaverse environment and project management related to virtual worlds.

08

Course Management

The teaching staff of TECH's Technological University's 100% online Postgraduate Certificate in Key Components of the Metaverse is composed of professionals highly specialized in Data Science, engineering, CEO of technology companies and masters in M&A and Private Equity, among other studies. These experts have extensive experience in the business and digital world, which allows them to offer students a quality and updated teaching in the latest trends and technologies of the Metaverse, therefore ensuring a solid and practical learning for the business world.



“

Develop key skills in decentralized technology, blockchain, AI, IoT and other disruptive technologies for your business success in the Metaverse from the most knowledgeable experts"

Management



Mr. Cavestany Villegas, Íñigo

- ♦ Co-Founder & Head of Ecosystem of Second World
- ♦ Web3 and Gaming Leader
- ♦ IBM Cloud Specialist at IBM
- ♦ Advisor at Netspot OTN, Velca and Poly Cashback
- ♦ Teacher in business schools such as IE Business School or IE Human Sciences and Technology
- ♦ Graduate in Business Administration from IE Business School
- ♦ Master's Degree in Business Development from the Autonomous University of Madrid
- ♦ IBM Cloud Specialist
- ♦ Profession Certification in IBM Cloud Solution Advisor

Professors

Mr. López-Gasco, Alejandro

- ♦ Co-founder of SecondWorld and Head of the Metaverse
- ♦ Co-founder of TrueSushi
- ♦ Amazon Business Development Executive
- ♦ Graduate in Law and Marketing from the Complutense University of Madrid
- ♦ HSK4 Mandarin Chinese by Beijing Language and Culture University
- ♦ Master's Degree in M&A and Private Equity from the IEB
- ♦ Cross border e-commerce bootcamp from Shanghai Normal University



```
except: print("please select exactly two objects")
#py.data.objects[one.name].select = 1
print("selected" + str(selected_objects[0].name) + str(modifier_op))
#py.context.selected = 0
py.context.selected_objects[0].select = 1
modifier_op.selected_objects[0].select = 1
selection at the end - add
mirror_mod.use_z = True
mirror_mod.use_y = True
operation == False
mirror_mod.use_x = True
@MIRROR#2
mirror_mod.use_z = False
mirror_mod.use_y = False
mirror_mod.use_x = False
MIRROR_Y:
mirror_mod.use_z = False
mirror_mod.use_y = False
mirror_mod.use_x = False
```

09

Impact on Your Career

TECH's Technological University's 100% online Postgraduate Certificate in Key Components of the Metaverse provides professionals with timely skills and up-to-date knowledge in a fast-growing field in the digital world. This generates new business opportunities and improves employability and positioning in the labor market, which translates into a significant impact on participants' careers.



“

Learn how to create, share and sell content in the Metaverse for greater personalization and engagement that will differentiate you in a competitive work world"

Are you ready to take the leap? Excellent professional development awaits you.

The Postgraduate Certificate in Key Components of the TECH Technological University Metaverse is an intensive program that prepares you to face challenges and business decisions in the management and leadership field of digital and virtual environments. The main objective is to promote your personal and professional growth. Helping you achieve success.

If you want to improve yourself, make a positive change at a professional level, and network with the best, then this is the place for you.

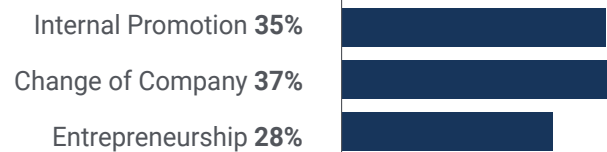
The Postgraduate Certificate in Key Components of the Metaverse is an essential qualification for today's professional who aspires to continue to grow in their work environment.

Learn all about the metaverse economy and cryptocurrencies in this 100% online program with industry experts.

Time of change



Type of change



Salary increase

The completion of this program represents a salary increase of more than **27.32%** for our students.



10

Benefits for Your Company

TECH's Technological University's Postgraduate Certificate in Key Components of the Metaverse offers the latest trends and technologies of the Metaverse, which will allow participants to develop more innovative and efficient projects in an area of great growth in the digital world. Employees trained in this field will be able to adapt to a constantly evolving business environment, which will increase the company's competitiveness and positioning in the labor market.



“

You will apply the tools provided by today's technology to create synergies between specialized markets such as e-Sports and MetaSports”

Developing and retaining talent in companies is the best long-term investment.

01

Growth of talent and intellectual capital

The professional will introduce the company to new concepts, strategies, and perspectives that can bring about significant changes in the organization.

02

Retaining high-potential executives to avoid talent drain

This program strengthens the link between the company and the professional and opens new avenues for professional growth within the company.

03

Building agents of change

You will be able to make decisions in times of uncertainty and crisis, helping the organization overcome obstacles.

04

Increased international expansion possibilities

Thanks to this program, the company will come into contact with the main markets in the world economy.



05

Project Development

The professional can work on a real project or develop new projects in the field of R & D or business development of your company.

06

Increased competitiveness

This program will equip students with the skills to take on new challenges and drive the organization forward.

11

Certificate

The Postgraduate Certificate in Metaverse Key Components guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.



“

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

This **Postgraduate Certificate in Key Components of the Metaverse** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Key Components of the Metaverse**

Official N° of hours: **150 h.**



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



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- » Schedule: at your own pace
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