Postgraduate Certificate

DEFI in Gamified Decentralized Markets

tech technological university

Postgraduate Certificate
DEFI in Gamified Decentralized Markets

- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Technological University**
- » Dedication: **8h/week**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/pk/information-technology/postgraduate-certificate/defi-gamified-decentralized-markets**

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01
Introduction

Decentralized finance, also known as DeFi, already accounts for $260 trillion in the world, these are the backbone of the Blockchain market. The rise of these financial products, which have similar characteristics to traditional services, is already changing the finance industry, bringing with it opportunities and challenges. The analysis of virtual markets and their understanding can be complex due to their constantly evolving nature. However, with this learning program, students will have the opportunity to master technical terminology and develop the skills necessary to meet any business requirement. The teaching modality being 100% online ensures complete compatibility with personal life.

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"The IT sector is known for its continuous growth and rapid advancements. Adapting your knowledge to keep pace with these changes will enable you to stand out as a highly skilled professional"

The cryptocurrency market has already surpassed $3 trillion, surpassing industries such as Apple. Bitcoin has also ranked as the sixth-largest asset in terms of deferred taxes in the global market, surpassing even Tesla and Meta (Facebook). DeFi's Diploma in Gamified Decentralized Markets provides IT professionals with the most up-to-date keys and tools to master the digital world.

Virtual environments, particularly decentralized finance, undergo daily changes and transformations. Due to these constant changes, TECH is confident that the future and revitalization of the technological landscape rely on quality education with clear objectives. IT specialists need to specialize in aligning themselves with consumer trends in the DeFi market, as it plays a crucial role in shaping the direction of the industry.

This program enables students to identify the competitive advantages of utilizing DeFi, comprehend its current applications, and explore its future possibilities, particularly within the IT sector. The program is delivered entirely online, making it convenient for students to achieve their objectives without disrupting their daily lives. To access the program's multimedia content at any time and from any location, all that is required is an electronic device and an internet connection. This allows for convenient and flexible learning opportunities.

This **Postgraduate Certificate in DeFi in Gamified Decentralized Markets** contains the most complete and up-to-date program on the market. The most important features include:

- Case studies presented by experts in cryptocurrencies, Blockchain and video games
- The program is designed with graphical, schematic, and highly practical content, which gathers essential information about disciplines that are crucial for the 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

By embarking on this journey, you will discover the different keys of DeFi, and terms like Yield Farming, liquidity mining, and composability will gradually become familiar words in your daily life"

Now is the perfect time to materialize your aspirations. By learning from top professionals and utilizing the best methodologies, you can give your career the boost it needs"

To effectively extract value from tokens, it is crucial to stay up to date and comprehend the relationship between non-fungible tokens (NFTs) and blockchain technology.

Join us in exploring the wide range of applications that DeFi has to offer, including loans and trading. Throughout the program, you will gain insights into when, how, and why loans and trading function in the DeFi ecosystem.

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

The multimedia content of this program, created using cutting-edge educational technology, offers professionals a situated and contextual learning experience. Through a simulated environment, participants can engage in immersive education that simulates real-life situations.

The design of this program focuses on problem-based learning, through which 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 experts.

02
Objectives

TECH is committed to guaranteeing results to its students. Upon completion of the Diploma in DeFi in Gamified Decentralized Markets, students will acquire the essential skills to successfully implement their own projects or collaborate on projects based on decentralized finance. Gamification is the approach used to assess the viability of projects in the market. *Blockchain* initially has an architecture that diverges based on different contexts. Throughout the program, students will gain an understanding of the advantages and disadvantages of blockchain technology, as well as its key features.
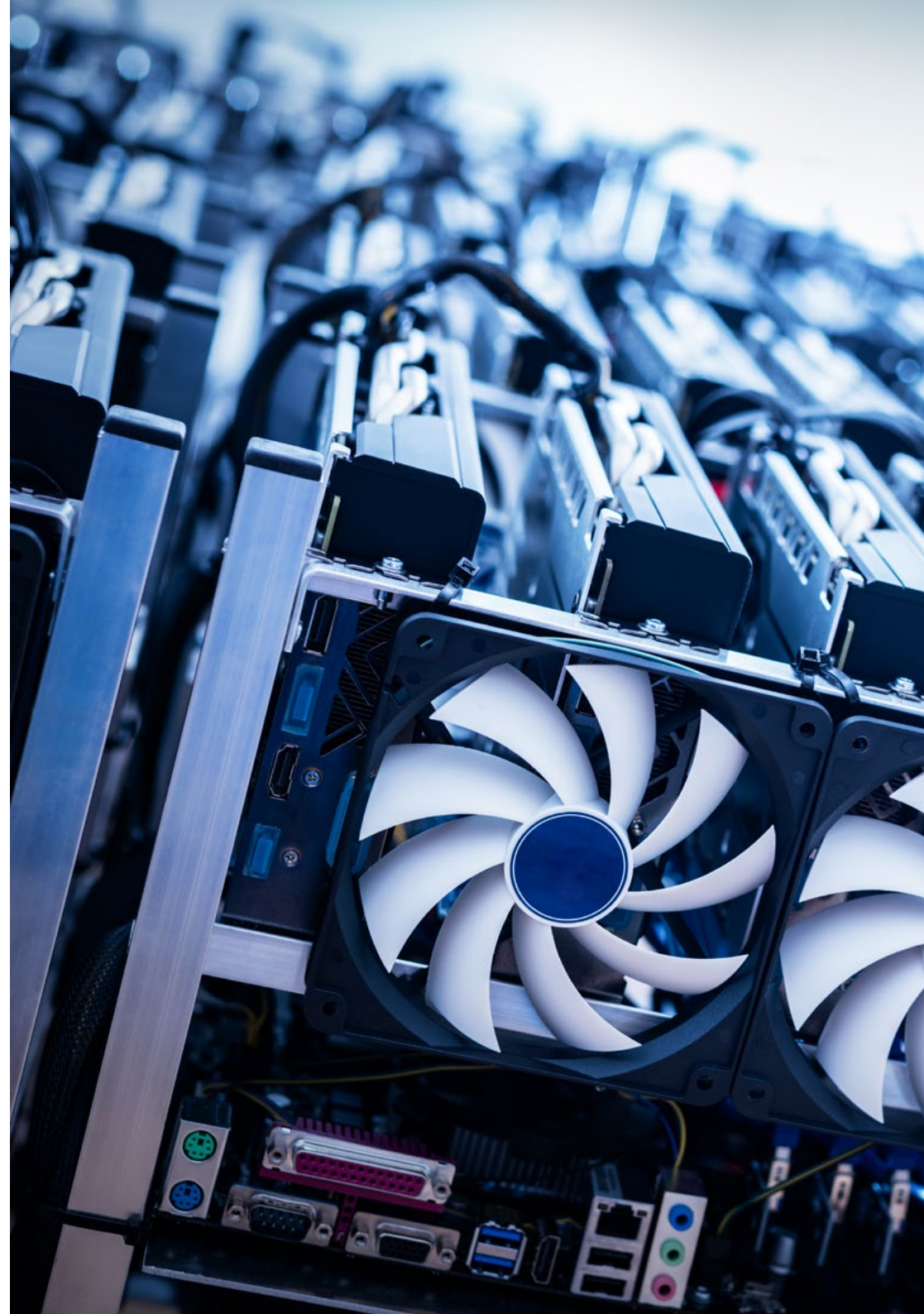
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You will know how to identify the characteristics of the main cryptocurrencies, their use and how they can be integrated into the global economy"

General Objectives

- The program's general objectives are to systematically and comprehensively examine the functioning of Blockchain technology, specifically focusing on understanding its individual components. Additionally, the program aims to explore how the advantages and disadvantages of Blockchain are linked to the way its architecture functions

- The program will contrast aspects of Blockchain technology with conventional technologies commonly used in various applications

- Analyze the main features of decentralized finance in the context of the Blockchain economy

- Establish the fundamental characteristics of non-fungible tokens, their operation since their inception until today

- Understand the relationship between the NFTs with Blockchain and examine strategies for creating and extracting value from these non-fungible Tokens

- Provide an in-depth understanding of the main cryptocurrencies, their characteristics, utilization, integration levels with the global economy, and virtual gamification projects

Specific Objectives

- Gain the essential knowledge required to effectively utilize DeFi-based projects
- Recognize the advantages that decentralized finance brings to the gamified economy
- Identify the various levels of risk associated with the use of DeFi
- Describe how decentralized markets are classified as applications within the DeFi ecosystem
- Identify the relevant layers within the gamified economy sector

Being at the forefront of technological projects and establishing oneself as a reference in the field is an integral aspect of receiving top-notch education as an IT professional. Place your trust in active teachers who employ the best learning techniques"

03
Course Management

Given the ever-changing nature of decentralized markets, it is imperative that the content of the course be continuously adapted to reflect these dynamics. TECH places a strong emphasis on the theoretical and practical framework, ensuring that the selection of teachers has undergone a rigorous evaluation process. This stringent study guarantees that the students receive the best possible results from their educational experience. The team consists of active professionals who are specialized in the sector. They not only provide theoretical content but also incorporate practicality into the syllabus by using real-life cases as examples.

Not every IT professional are willing to upgrade their skills, many of them are happy with their current landscape. Are you that kind of professional?"

Management

Mr. Olmo Cuevas, Alejandro

- Game designer and Blockchain economist for video games
- Founder of Seven Moons Studios Blockchain Gaming
- Founder of the Niide project
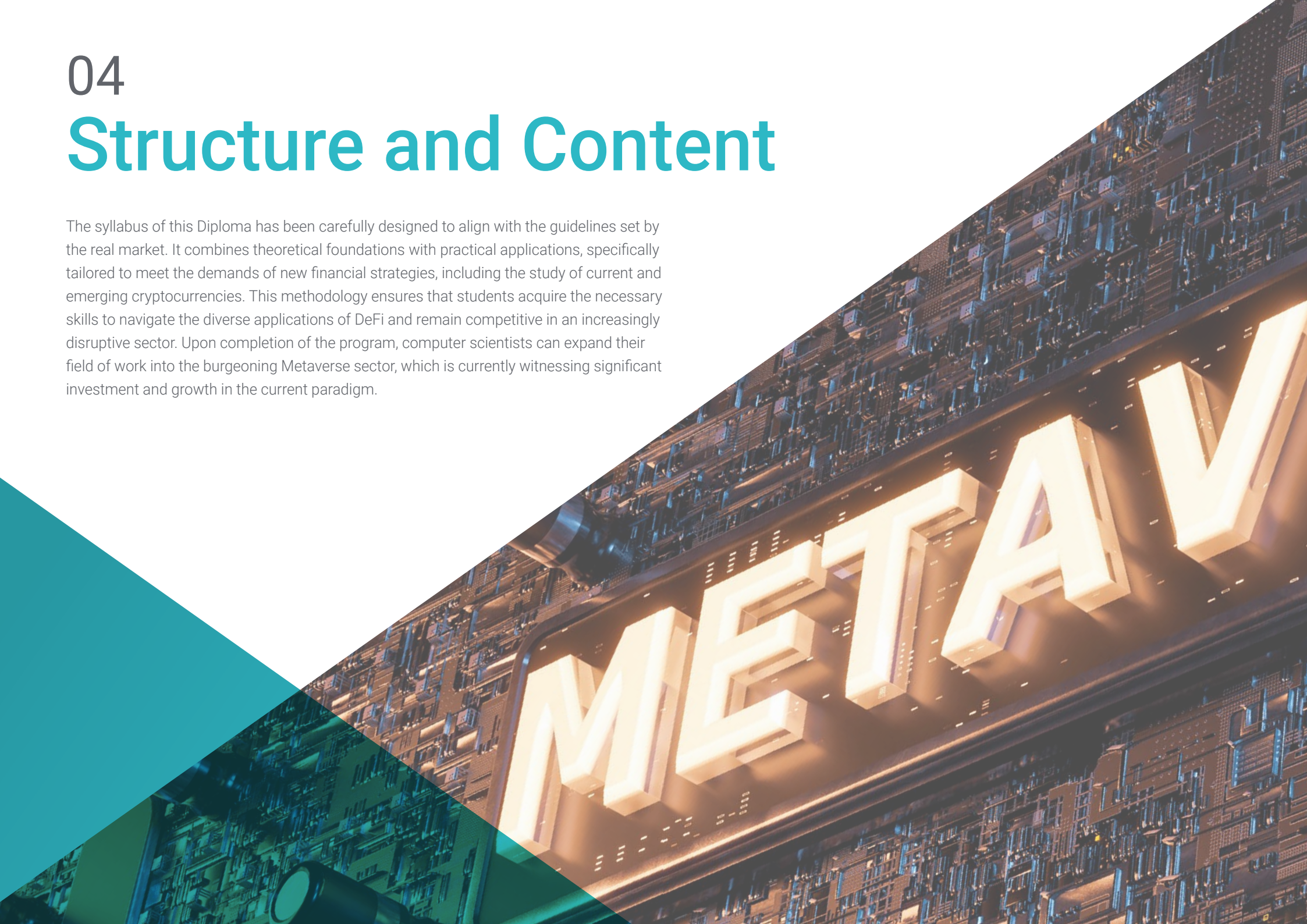- Writer of fantastic and poetic texts

Professors

Mr. Olmo Cuevas, Víctor

- Co-Founder, Game Designer and Game Economist at Seven Moons Studios Blockchain Gaming
- Web designer and professional video game player
- Professional Online Poker Player and Teacher
- Graphic Designer at Arvato Services Bertelsmann
- Project Analyst and Investor at Crypto Play to Earn Gaming Scene
- Chemical laboratory technician
- Graphic Designer

04

Structure and Content

The syllabus of this Diploma has been carefully designed to align with the guidelines set by the real market. It combines theoretical foundations with practical applications, specifically tailored to meet the demands of new financial strategies, including the study of current and emerging cryptocurrencies. This methodology ensures that students acquire the necessary skills to navigate the diverse applications of DeFi and remain competitive in an increasingly disruptive sector. Upon completion of the program, computer scientists can expand their field of work into the burgeoning Metaverse sector, which is currently witnessing significant investment and growth in the current paradigm.
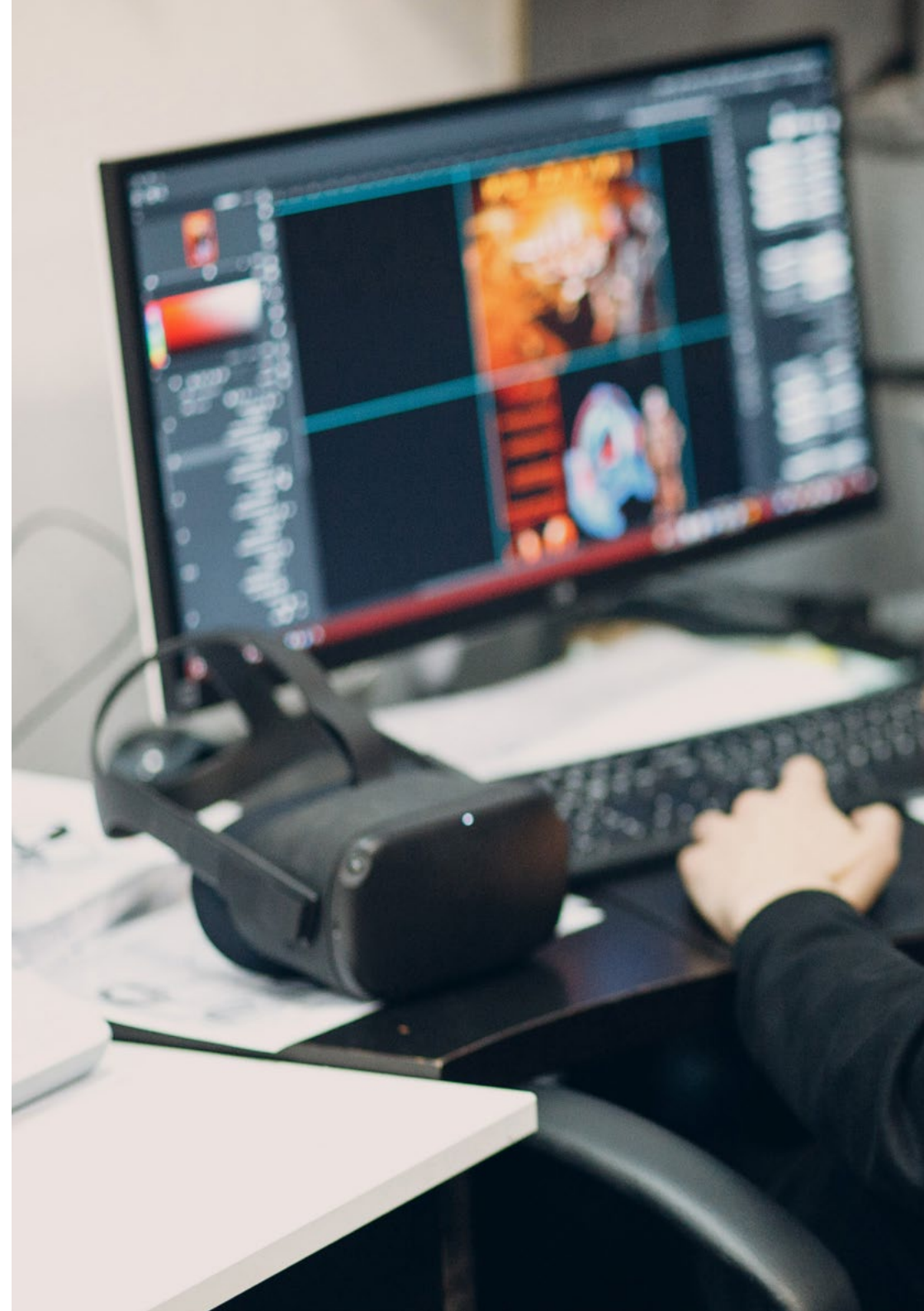
TECH not only provides you with the opportunity to update your curriculum but also ensures that the curriculum you will learn is the most up-to-date available"

Module 1. DeFi

You can revisit all multimedia content as frequently as necessary. The information is readily accessible and can be easily downloaded to accommodate your convenience"

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.

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.

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 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. 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.

30%

10%

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.

06
Certificate

The Postgraduate Certificate in DeFi in Gamified Decentralized Markets guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.

Upon successfully completing this program, students will receive their university qualification without the need to travel or go through cumbersome paperwork"

This **Postgraduate Certificate DeFi in Gamified Decentralized Markets** 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 certificate 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 DEFI in Gamified Decentralized Markets**

Official Nº of Hours: **150 h.**

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Awards the following

CERTIFICATE

to

Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE CERTIFICATE

in

DeFi in Gamified Decentralized Markets

This is a qualification awarded by this University, equivalent to 150 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

Unique TECH Code: AFWORD23S   techtitute.com/certificates

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

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