Postgraduate Diploma

The Apple Environment in Education

tech technological university

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Postgraduate Diploma
The Apple Environment in Education

- Modality: **online**
- Duration: **6 months**
- Certificate: **TECH Technological University**
- Dedication: **16h/week**
- Schedule: **at your own pace**
- Exams: **online**

Website: **www.techtitute.com/pk/education/postgraduate-diploma/postgraduate-diploma-apple-environment-education**

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01

Introduction

The use of technologies in the educational field has incorporated a new range of possibilities into the teaching and learning processes that intensively enrich any subject. The Apple environment offers in this sense, particular tools of very interesting development, which bring to the management and development of learning a boost of exclusive cutting-edge technology. Today's teachers urgently need to acquire or update their knowledge in this field to stay ahead in a sector that is evolving at a dizzying pace. With the Apple Environment in Education program, we put in your hands a high-level educational program that will boost your knowledge and skills to the highest level of intervention.

Acquire the theoretical and practical knowledge you need to get up to date in the Apple Environment applied to education"

Teaching professionals are constantly challenged to keep up to date. This aspect of their work becomes faster, more demanding and more complex in the field of new technologies. Students, belonging to organically digital generations, advance in the acquisition of new skills in this field in a continuous way. They master a new language of learning that relies on faster, audiovisual communication. This type of new paradigm opens up opportunities of enormous value for the teacher to boost learning.

But in order to be part of this innovative environment and the future of teaching, the professional has the challenge of acquiring the skills that will prepare them to be part of it.

This Postgraduate Diploma offers a practical and complete vision of the Apple environment in education. An intensive and complete course that will allow you to master the most interesting tools of this type of teaching-learning, through the development of digital teaching skills.

In this Postgraduate Diploma you will be able to acquire both the theoretical aspects and the practical part of the use and application of the Apple Environment in education, all offered from a practical perspective, emphasizing the most innovative aspects in this regard.

The students of the Postgraduate Diploma will have access to knowledge about teaching at both a theoretical and applied level, so that it will be useful for their current or future performance, thus offering a qualitative advantage over other professionals in the sector. It also facilitates the incorporation to the labor market or the promotion in it, with an extensive theoretical and practical knowledge that will improve their skills in their daily work.

This **Postgraduate Diploma in The Apple Environment in Education** contains the most complete and up-to-date educational program on the market. The most important features include:

- More than 75 case studies presented by experts in The Apple Environment in Education. The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice
- Developments on The Apple Environment in Education
- It contains practical exercises where the self-assessment process can be carried out to improve learning
- Algorithm-based interactive learning system for decision-making in the situations that are presented to the student
- With special emphasis on evidence-based methodologies in The Apple Environment in Education
- All of this will be complemented by 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

Make the most of this opportunity and take the step to get up to date on the latest developments in The Apple Environment in Education"

This Postgraduate Diploma has an innovative methodology that allows the student to follow the lessons in a flexible way without losing efficiency"

An essential growth that will allow you to be part of the new educational paradigm, at the forefront of teaching innovation.

Take the opportunity to learn about the latest advances in The Apple Environment in Education and improve your students' learning.

Its teaching staff includes professionals belonging to the field of The Apple Environment in Education who bring to this program the experience of their work, as well as recognized specialists belonging to reference societies and prestigious universities.

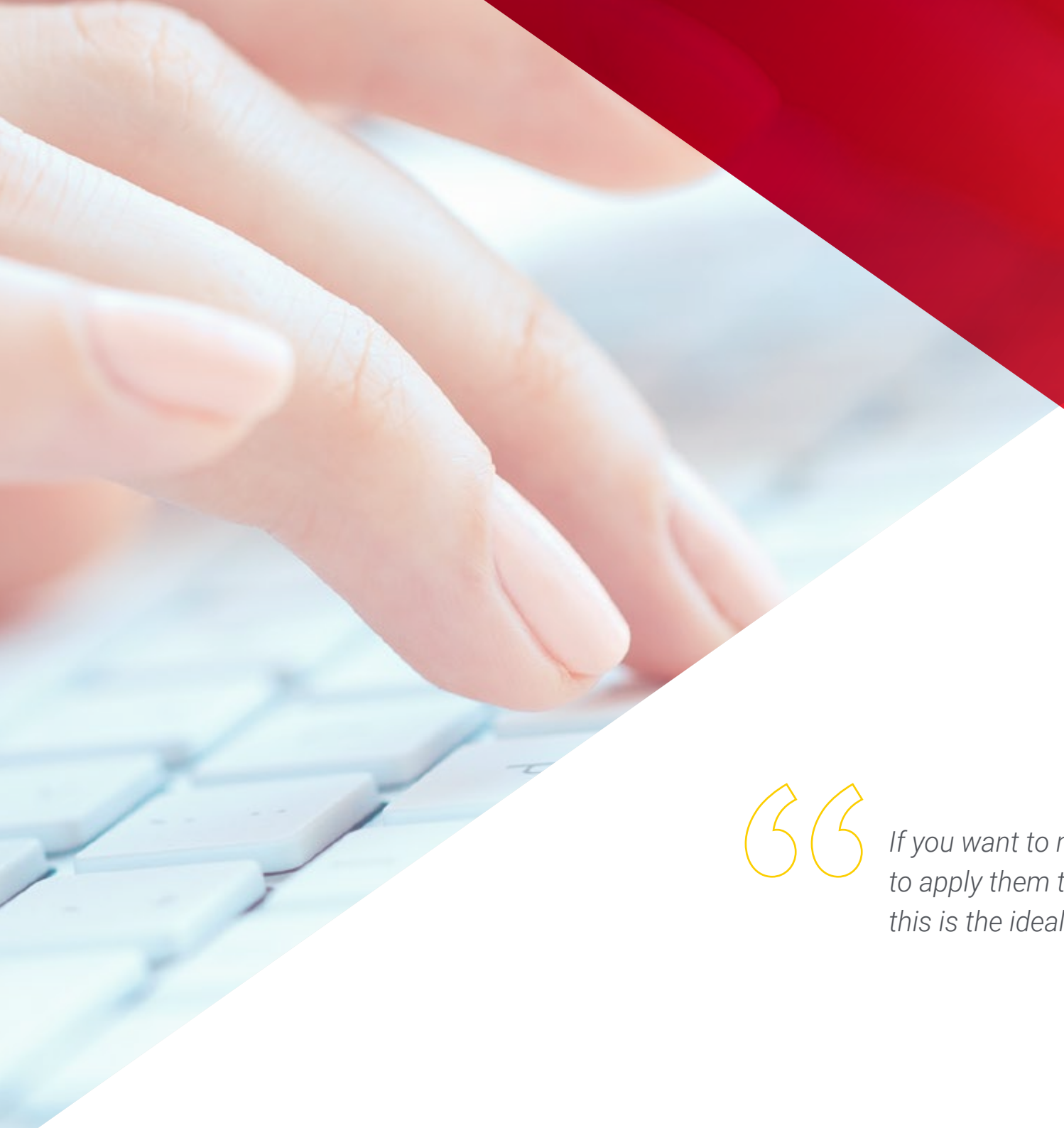
The multimedia content developed with the latest educational technology will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive program to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the Postgraduate Diploma. To this end, the professional will be assisted by an innovative interactive video system developed by recognized experts in the field of The Apple environment in Education with extensive teaching experience.

02

Objectives

The Postgraduate Diploma in The Apple Environment in Education is aimed at facilitating the performance of the professional dedicated to teaching children and adolescents. This program has been designed to boost the teaching professional's ability to apply in their work the most appropriate Apple environment tools for each age and educational context.

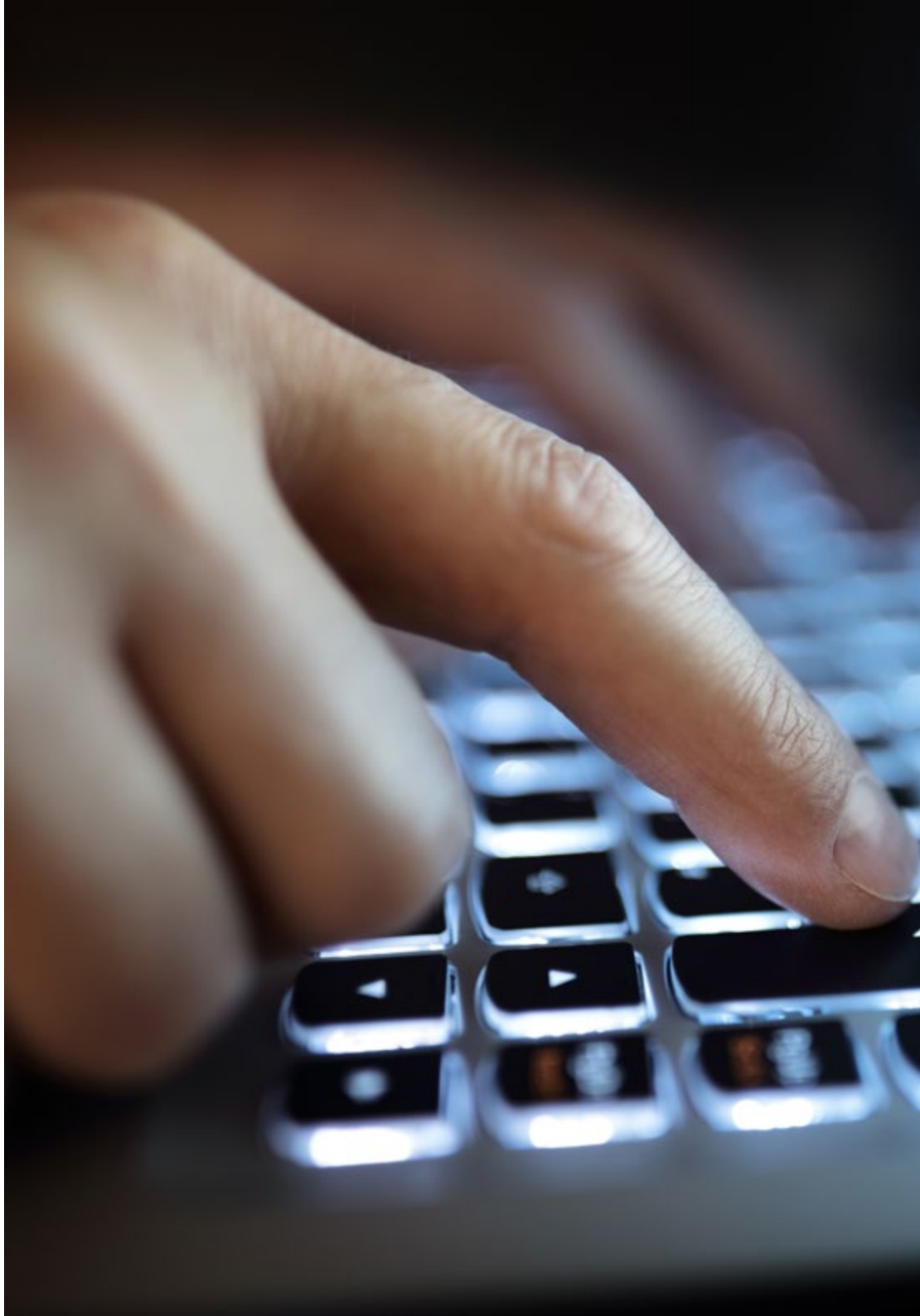


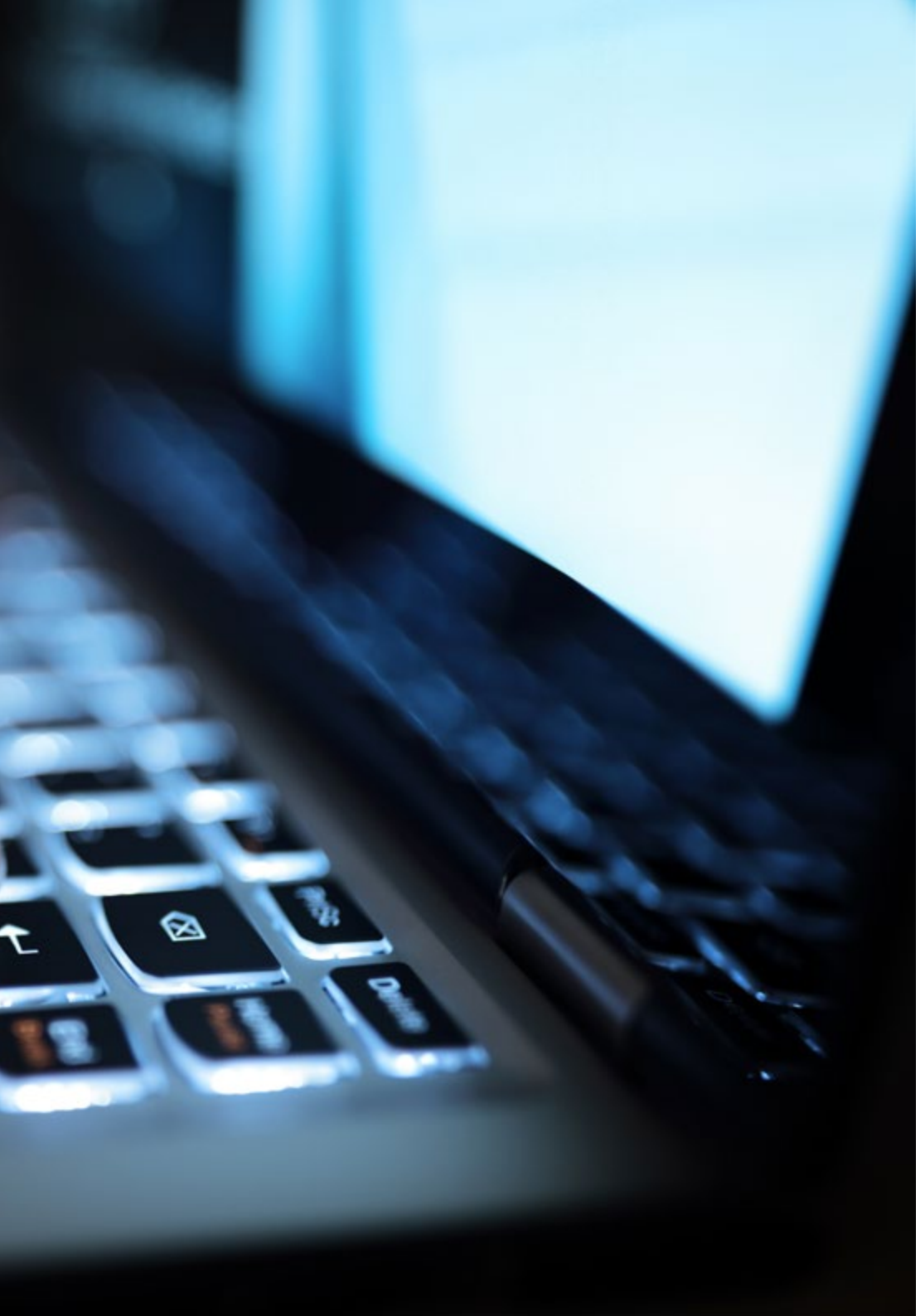
If you want to master new technologies to apply them to your teaching practice, this is the ideal opportunity for you"

General Objectives

- Introduce students to the world of teaching, from a global perspective in order to prepare them for their future employment
- Know the new tools and technologies applied to teaching
- Explore digital competencies in depth
- Show the different options and ways the teacher can work in his or her post
- Promote the acquisition of communication and knowledge transmission skills and abilities
- Encourage continuing education of students and interest in teaching innovation

Make the most of this opportunity and take the step to get up to date on the latest developments in The Apple Environment in Education"





Specific Objectives

Module 1. Digital Teaching

- Explain the characteristics of the 4.0 School
- Differentiate between digital immigrant and digital native
- Explain the importance of digital competencies in teachers
- Discern the defining characteristics of distance learning
- Discover the advantages and disadvantages of distance learning over traditional education
- Explain the defining characteristics of blended learning
- Define the advantages and disadvantages of Blended Learning over traditional teaching
- Value the importance of virtual learning environments as channels of instruction inside and outside the classroom

Module 2. Technological Innovation in Education

- Distinguish between mobile and Wi-Fi networks
- Classify mobile devices: tablets and smartphones
- Discover the spread of the use of tablets in the classroom
- Learn about the electronic whiteboard
- Understand the management of the computerized student body
- Explain online classes and tutoring

Module 3. The Apple Environment in Education

- Recognize all critical factors specific to the Apple environment in the development of our implementation model
- Identify and estimate the pedagogical possibilities of Apple's proprietary Apps for the management, creation of content and evaluation

03

Course Management

The program's teaching staff includes leading specialists in The Apple Environment in Education, who bring the experience of their work to this educational program. Additionally, other recognized specialists participate in its design and preparation, which means that the program is developed in an interdisciplinary manner.

Experts in the application of The Apple Environment in Education have joined forces in this Postgraduate Diploma to offer you the main innovations in new technologies"

International Guest Director

Dr. **Stephanie Doscher** is an internationally renowned **educational leader**, recognized for her influence in the **field of global learning and comprehensive internationalization**. As **Director** of the **Office of Collaborative Online International Learning (COIL)** at Florida International University (FIU), she has forged a pioneering path in creating inclusive and accessible educational strategies for all students.

With a focus on leadership and organizational change, Dr. Doscher is recognized for her ability to facilitate meaningful transformations in educational settings. In addition, her emphasis on connection, collaboration, communication, and continuous improvement underscores her commitment to **educational excellence and her vision of accessible global learning** for all students.

Doscher's research interests encompass teaching and assessment strategies for **global learning**, as well as the intersection between global **learning, comprehensive internationalization, social innovation, and inclusive excellence**. His recent work focuses on the relationship between **diversity** and **knowledge production** through the **online COIL exchange**.

In fact, he has a prolific academic output, with multiple articles in renowned journals such as the Journal of International Students, EAIE Forum, and the International Association of Universities' Handbook of Internationalisation of Higher Education. She has also participated in presentations at various international conferences and workshops, enriching the academic dialogue on **global education**.

Likewise, her contributions as **co-author** of works such as "The Guide to COIL Online Exchange" and "Making Global Learning Universal: Promoting Inclusion and Success for All Students", have consolidated her position as a leading expert in the **global education field**. Both manuals have served to engage university students in collaborative global learning problem solving. Not to mention her prominent role as host of the podcast "Making Global Learning Universal".

Dr. Doscher, Stephanie

- Director del Servicio de Cuidados Paliativos - Hospital New York Presbyterian
- Especialista en Cuidados Paliativos en el Massachusetts General Hospital
- Profesor de Medicina en Harvard Medical School
- Graduado en Química por la Universidad de Boston
- Profesor asociado del Departamento de Medicina de la Universidad de Columbia

Thanks to TECH you will be able to learn with the best professionals in the world"

Management

Mr. Gris Ramos, Alejandro

- Technical Engineer in Computer Management
- Master's Degree in E-Commerce and specialist in the latest technologies applied to teaching, Digital Marketing, web application development and Internet business
- Director of Persatrace, web development and digital marketing agency
- Director of Club de Talentos
- Computer Engineer UNED
- Master's Degree in Digital Teaching and Learning Tech Education

Professors

Mr. Albiol Martín, Antonio

- Master's Degree in Education and Information and Communication Technologies from the UOC
- Master' s Degree in Literary Studies
- Graduate in Philosophy and Literature
- Head of CuriosiTIC: JABY School's ICT Integration Program in the classroom

Mr. Azorín López, Miguel Ángel

- Teacher specialized in Physical Education
- Expert in the Flipped Classroom (Level I Flipped Learning and level I Trainer Flipped Learning, TOP-100 Flipped Learning Worldwide Teachers)

Mr. Cabezuelo Doblaré, Álvaro

- Psychologist expert in Digital Identity and Master' s Degree in Communication, Digital Marketing and Social Networks
- Teacher of Digital Identity, Social Media Manager in a Communication Agency and a Teacher in Aula Salud

Mr. De la Serna, Juan Moisés

- PhD in Psychology and Professional Master's Degree in Neurosciences and Behavioral Biology
- Author of the Cátedra Abierta de Psicología y Neurociencias and scientific disseminator

04

Structure and Content

The content of this Postgraduate Diploma includes all the aspects of interest that the teaching professional must incorporate to their knowledge to be able to intervene efficiently in teaching supported by the digital media provided by the Apple Environment.

The content of this Postgraduate Diploma includes all the areas of theoretical and practical learning that teachers need to develop in order to take advantage of the Apple environment"

Module 1. Digital Teaching

1.1. Technology in Education
- 1.1.1 History and Evolution of Technology
- 1.1.2 New Challenges

1.2. Internet in Schools
- 1.2.1 Internet Use in Schools
- 1.2.2 The Impact of the Internet on Education

1.3. Devices for Teachers and Students
- 1.3.1 Devices in the Classroom
- 1.3.2 The Electronic Whiteboard
- 1.3.3 Devices for Students
- 1.3.4 Tablets

1.4. Online Tutoring
- 1.4.1 Advantages and Disadvantages
- 1.4.2 Implementation

1.5. Creativity in Schools

1.6. Parents and Teachers as Digital Migrants
- 1.6.1 Technology Training for Adults
- 1.6.2 How to Overcome the Technology Barrier

1.7. Responsible Use of New Technologies
- 1.7.1 Privacy
- 1.7.2 Data Protection
- 1.7.3 Cyber Crimes at School

1.8. Addictions and Pathologies
- 1.8.1 Definition of Technology Addiction
- 1.8.2 How to Avoid Addiction
- 1.8.3 How to Get Out of an Addiction
- 1.8.4 New Pathologies Produced by Technology

1.9. Cyberbullying
- 1.9.1 Definition of Cyberbullying
- 1.9.2 How to Avoid Cyberbullying
- 1.9.3 How to Act in Cases of Cyberbullying

1.10 Technology in Education

Module 2. Technological Innovation in Education

2.1. Advantages and Disadvantages of the use of Technology in Education
- 2.1.1 Technology as a Means of Education
- 2.1.2 Advantages of Use
- 2.1.3 Inconveniences and Addictions

2.2. Educational Neurotechnology
- 2.2.1 Neuroscience
- 2.2.2 Neurotechnology

2.3. Programming in Education
- 2.3.1 Benefits of Programming in Education
- 2.3.2 Scratch Platform
- 2.3.3 Confection of the First "Hello World"
- 2.3.4 Commands, Parameters and Events
- 2.3.5 Export of Projects

2.4. Introduction to the Flipped Classroom
- 2.4.1 What it is Based On?
- 2.4.2 Examples of use
- 2.4.3 Video Recording
- 2.4.4 YouTube

2.5. Introduction to Gamification
- 2.5.1 What is Gamification?
- 2.5.2 Success Stories

2.6. Introduction to Robotics
- 2.6.1 The Importance of Robotics in Education
- 2.6.2 Arduino (Hardware)
- 2.6.3 Arduino (Programming Language)

2.7. Introduction to Augmented Reality
- 2.7. 1 What is AR?
- 2.7.2 What are the Benefits in Education?

2.8. How to Develop Your Own Apps in AR
- 2.8.1 Vuforia
- 2.8.2 Unity
- 2.8.3 Examples of use

2.9. Samsung Virtual School Suitcase
- 2.9.1 Immersive Learning
- 2.9.2 The Backpack of the Future

2.10. Tips and Examples of Use in the Classroom
- 2.10.1 Combining Innovation Tools in the Classroom
- 2.10.2 Real Examples

Module 3. The Apple Environment in Education

3.1. Mobile Devices in Education
- 3.1.1 The M-learning
- 3.1.2 A Problematic Decision

3.2. Why Choose an iPad for the Classroom?
- 3.2.1 Technopedagogical Criteria
- 3.2.2 Other Considerations
- 3.2.3 Typical Objections

3.3. What does My Center Need?
- 3.3.1 Educational Philosophy
- 3.3.2 Socioeconomic Criteria
- 3.3.3 Priorities

3.4. Designing our Own Model
- 3.4.1 "He Who Reads Much and Walks Much, Sees Much and Knows Much."
- 3.4.2 Fundamental Decisions
  - 3.4.2.1. Trolleys or 1:1 Ratio?
  - 3.4.2.2. What Concrete Model Have We Chosen?
  - 3.4.2.3. IDP or Television? Neither of the Two?

3.5. Apple's Educational Ecosystem
- 3.5.1 The DEP
- 3.5.2 Device Management Systems
- 3.5.3 What are Managed Apple IDs?
- 3.5.4 Apple School Manager

3.6. Other Critical Development Factors
- 3.6.1 Technical: Connectivity
- 3.6.2 Human: The Educational Community
- 3.6.3 Organizational

3.7. The Classroom in the Teacher's Hands
- 3.7.1 Teaching Management: Classroom and iDoceo
- 3.7.2. iTunes U as a Virtual Learning Environment

3.8. The Map to Discover Treasures
- 3.8.1 Apple's Office Suite
  - 3.8.1.1. Pages
  - 3.8.1.2. Keynote
  - 3.8.1.3. Numbers
- 3.8.2 Multimedia Production Apps
  - 3.8.2.1. iMovie
  - 3.8.2.2. Garage Band
  - 3.8.2.3. Clips

3.9. Apple and Emerging Methodologies
- 3.9.1 Flipped Classroom Explain Everything and EdPuzzle
- 3.9.2 Gamification: Kahoot, Socrative and Plickers

3.10. Everyone Can Program
- 3.10.1 Swift Playgrounds
- 3.10.2 Robotics with LEGO

A unique, key, and decisive experience to boost your professional development"

05

Methodology

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

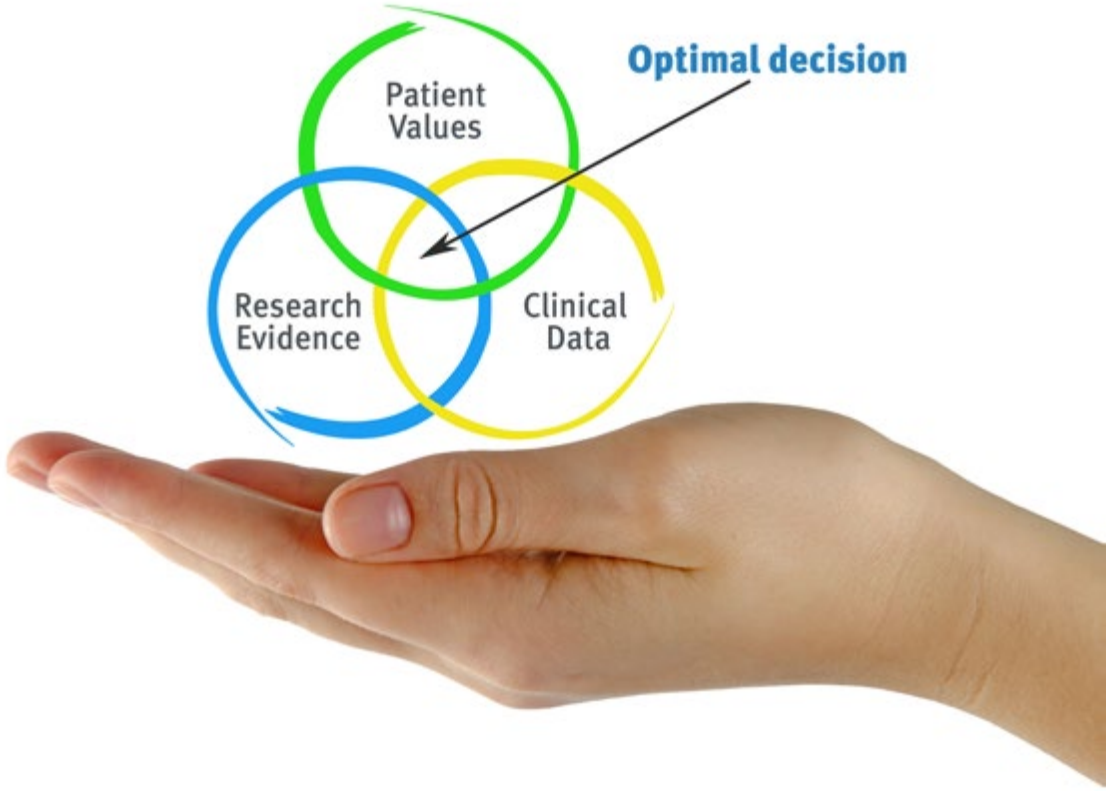
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

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"

At TECH Education School we use the Case Method

In a given situation, what should a professional do? Throughout the program students will be presented with multiple simulated cases based on real situations, where they will have to investigate, establish hypotheses and, finally, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method.

With TECH, educators can experience a learning methodology that is shaking the foundations of traditional universities around the world.



It is a technique that develops critical skills and prepares educators to make decisions, defend their arguments, and contrast opinions.

Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method"

The effectiveness of the method is justified by four fundamental achievements:

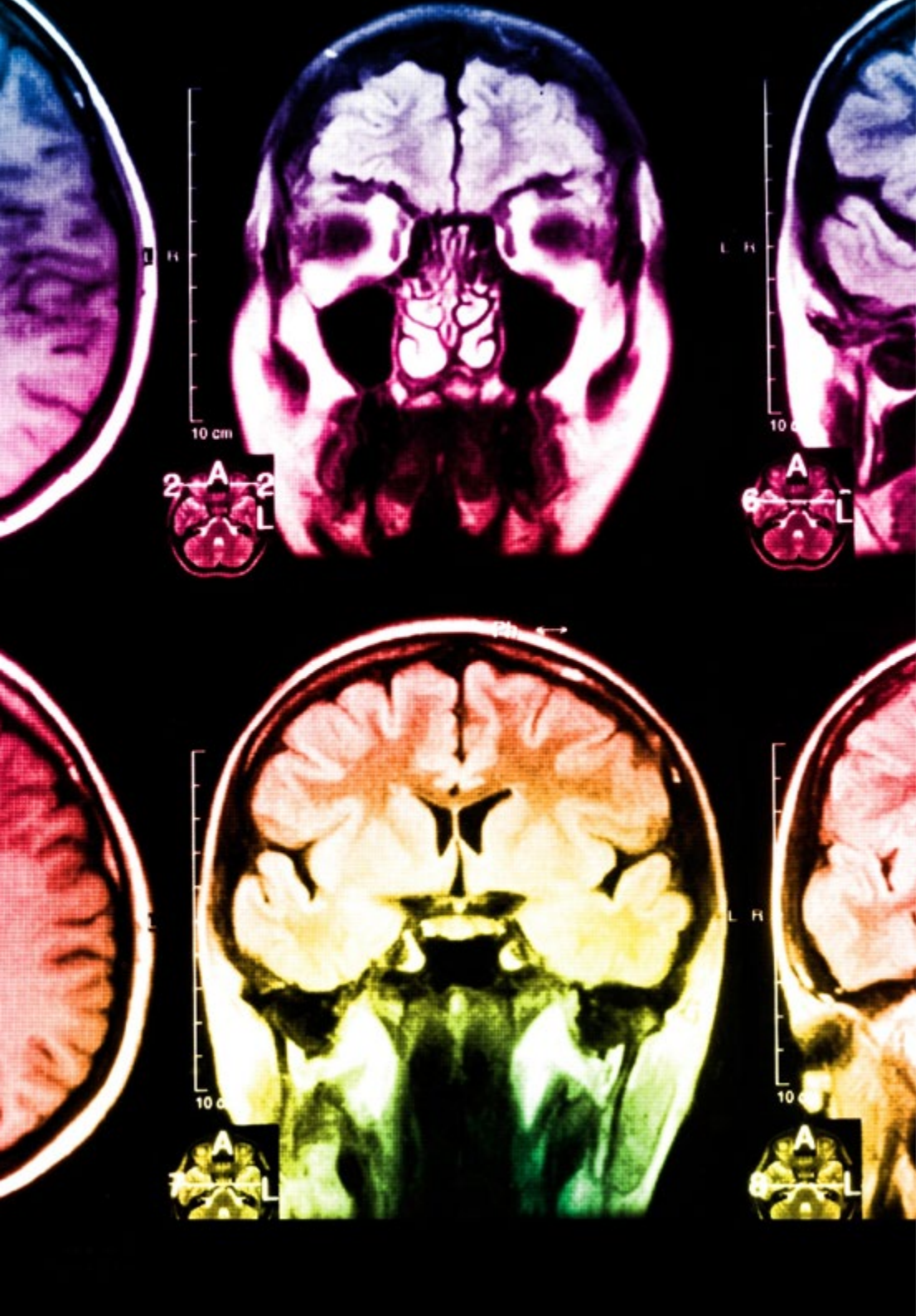
1. Educators who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process is solidly focused on practical skills that allow educators to better integrate the knowledge into daily practice.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life teaching.
4. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.

Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

Our University is the first in the world to combine case studies with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which represent a real revolution with respect to simply studying and analyzing cases.

Educators will learn through real cases and by solving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.



At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology we have trained more than 85,000 educators with unprecedented success in all specialties. 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.

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.

The overall score obtained by our learning system is 8.01, according to the highest international standards.

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

Study Material

All teaching material is produced by the specialist educators who teach the course, specifically for the course, so that the teaching content is really 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.

Educational Techniques and Procedures on Video

TECH introduces students to the latest techniques, with the latest educational advances, and to the forefront of Education. All this, first-hand, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.

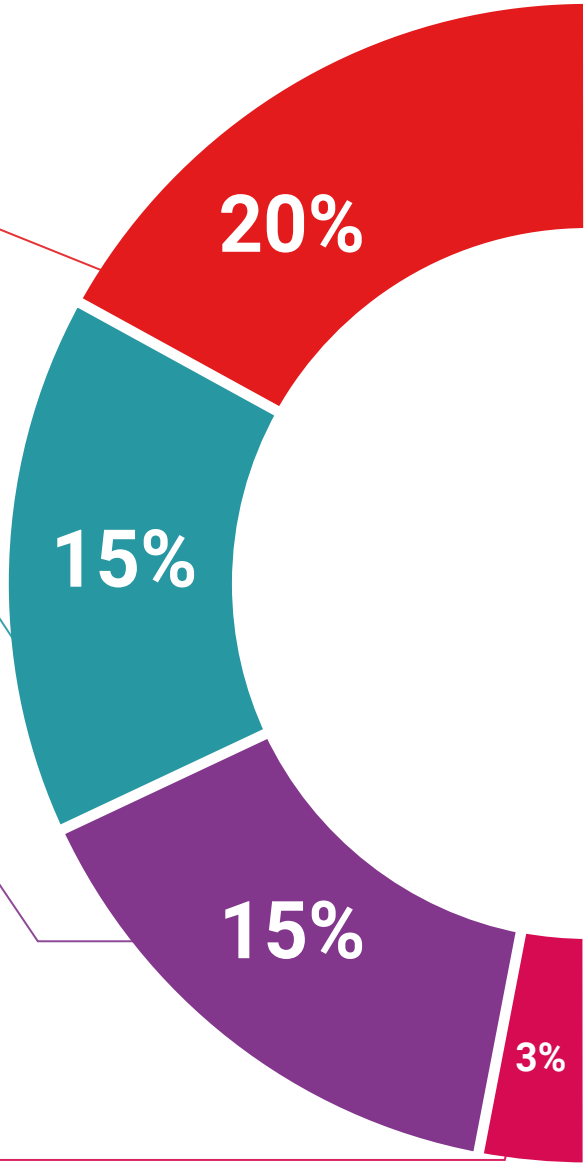
Interactive Summaries

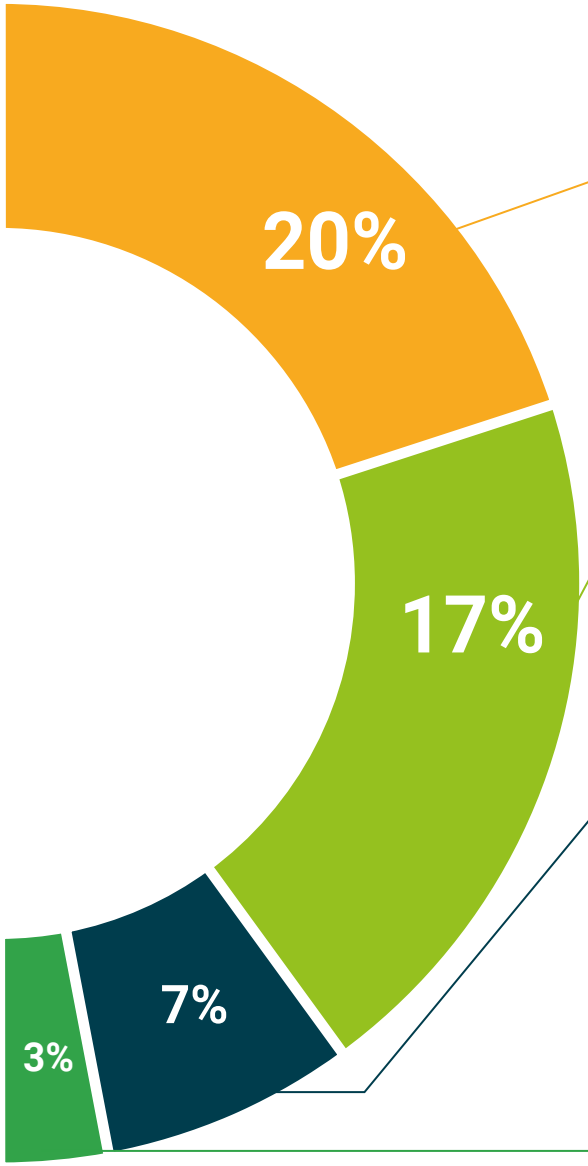
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".

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.





Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.

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.

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.

Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.

06

Certificate

The Postgraduate Diploma in The Educational Apple Environment in Education guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.

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

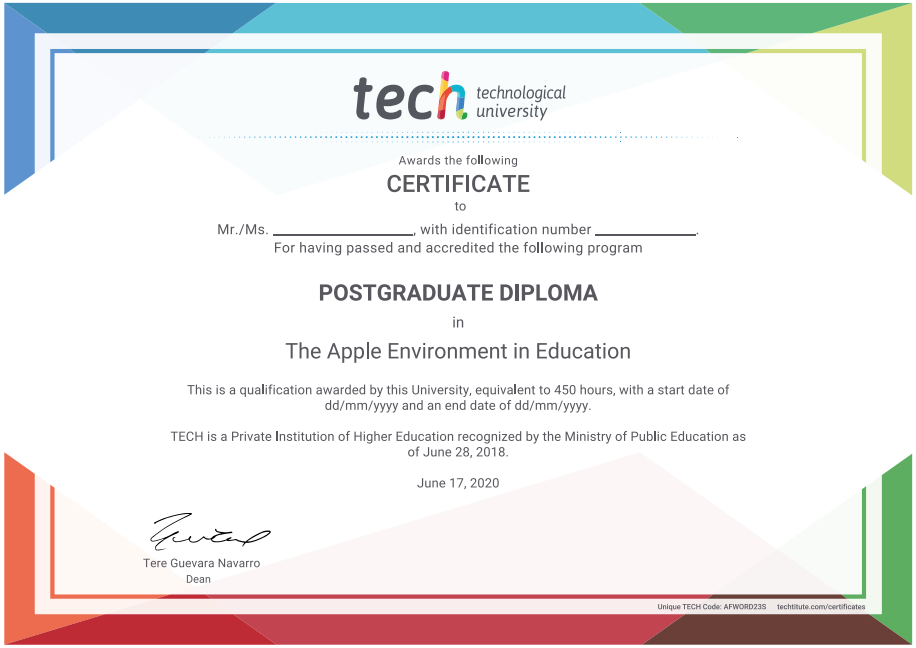
This **Postgraduate Diploma in The Apple Environment in Education** contains the most complete and up-to-date program on the market.

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

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

Title: **Postgraduate Diploma in The Apple Environment in Education**

Official Nº of Hours: **450 h.**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Awards the following

CERTIFICATE

to

Mr./Ms. _____, with identification number _____.

For having passed and accredited the following program

POSTGRADUATE DIPLOMA

in

The Apple Environment in Education

This is a qualification awarded by this University, equivalent to 450 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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