

Postgraduate Diploma E-Learning Applications in Teaching



ONLINE TEACHING



Postgraduate Diploma E-Learning Applications in Teaching

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

Website: www.techtitute.com/us/education/postgraduate-diploma/postgraduate-diploma-elearning-applications-teaching

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01

Introduction

As digital technology advances by leaps and bounds, it is bringing about a great change in teaching, and educators must keep up to date with the latest knowledge in order to be aware of all the applications that are being used in the field of teaching.





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This Postgraduate Diploma in E-Learning Applications in Teaching will generate a sense of confidence in the performance of your profession, which will help you to grow personally and professionally"

Qualified professionals need to incorporate technological advances in their day-to-day work, and to do so, they must be trained within a curricular framework adapted to the demands of the center and the students.

Educators who use all the tools that google offers for communication, and especially for searching for information, understand the true magnitude of this tool for teachers and students.

The role of the teacher is changing a lot with all the advances in the area of communications, audiovisual media and, above all, social media. A solid knowledge of all the means at the educator's disposal will allow them to reach a level of excellence in their professional competence.

The versatility offered by the technological advances in *e-Learning* allows the educator to work in a very entertaining and interactive way with the students, although everything is achieved with proper training and practice in order to know the tools available.

With the introduction of ICT, teachers and educators have had to enter fully into a new way of teaching and adapt quickly to this ever-growing technology.

Nowadays, educators face a great challenge because they have to be ahead of their students, those who have been born in the digital era, for which it is essential to acquire new knowledge about *e-Learning* and the technological advances that are changing the teaching system completely.

This **Postgraduate Diploma in E-Learning Applications in Teaching** contains the most complete and up-to-date program on the market. The most important features include:

- ♦ More than 75 practical cases presented by experts in E-Learning Applications in Teaching
- ♦ 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
- ♦ The latest developments in detection and intervention in E-Learning Applications in Teaching
- ♦ Practical exercises where the self-evaluation 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 E-Learning Applications in Teaching
- ♦ 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



*Update your knowledge
through the Postgraduate
Diploma in E-Learning
Applications in Teaching”*

“

This Postgraduate Diploma may be the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge in E-Learning Applications in Teaching, you will obtain a certificate from TECH Technological University"

The teaching staff includes teaching professionals from the field of E-Learning Applications in Teaching, who contribute the experience of their work to this training program, as well as renowned specialists belonging to leading societies and prestigious universities.

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

This program is designed around Problem-Based Learning, whereby the student will must try to solve the different professional practice situations that arise during the course. For this purpose, the professional will be assisted by an innovative interactive video system developed by recognized experts in the field of E-Learning Applications in Teaching with extensive teaching experience.

Increase your decision-making confidence by updating your knowledge with this University Expert course.

Make the most of the opportunity to learn about the latest advances in E-Learning Applications in Teaching, and improve the training of your students.



02

Objectives

The Postgraduate Diploma in E-Learning Applications in Teaching is aimed at facilitating the performance of teaching professionals who wish to gain new knowledge on the communication model 4.0 and its applications in e-Learning.



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This Postgraduate Diploma is oriented so that you can update your knowledge in E-Learning Applications in Teaching, with the use of the latest educational technology, to contribute with quality and confidence to the decision making and monitoring of your students"



General Objectives

- Understand the big differences that exist between traditional teaching at that which applies digital technologies
- Know the extensive services that Google offers in the educational field and which facilitate cooperation between teachers and their students
- Acquire fundamental knowledge and skills to be able to carry out the job of a teacher, learning everything you need to know about technology 4.0 and its online application
- Know the challenges of face-to-face education and the new trends in virtual education: augmented reality

“

Make the most of this opportunity and take the step to get up to date on the latest developments in E-Learning Applications in Teaching”





Specific Objectives

Module 1. New Teaching Models

- ♦ Explain the use of technology in recreation among students
- ♦ Identify the use of educational technology by students
- ♦ Establish the defining characteristics of educational technology
- ♦ Describe the advantages and disadvantages of educational technology

Module 2. Google G Suite for Education

- ♦ Describe and know the tools that this platform provides us with
- ♦ Visualize live classes
- ♦ Interact through chats between teachers and students to solve problems and solve doubts

Module 3. ICT and its Practical and Interactive Application

- ♦ Describe new technologies in education
- ♦ Know how to implement ICT in the classroom and its different applications
- ♦ Understand social media and its applications in teaching
- ♦ Know the new methodologies in the classroom



03

Course Management

The program in E-Learning Applications in Teaching includes in its teaching staff renowned experts in *e-Learning* applications, who contribute their work experience to this program. Furthermore, other professionals of recognized prestige participate in its design and elaboration, completing the program in an interdisciplinary way.





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Learn the latest advances in the field of E-Learning Applications in Teaching from leading professionals”

Management



Mr. Cabezuelo Doblaré, Álvaro

- ♦ Social Media Manager at a Communication Agency
- ♦ Psychologist
- ♦ Diploma in Digital Identity and Master's Degree in Communication, Digital Marketing and Social Media
- ♦ Digital Identity Teacher
- ♦ Teacher at Aula Salud



Professors

Dr. 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.

Mr. Gris Ramos, Alejandro

- ♦ Technical Engineer in Computer Management
- ♦ Master's Degree in Electronic Commerce and Specialist in latest technologies applied to teaching, Digital Marketing, development of web applications, and Internet business

Dr. Albiol Martín, Antonio

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

04

Structure and Content

The structure of the contents has been designed by a team of professionals from the best education centers and universities in the country, who are aware of the relevance from up-to-date training to be able to intervene in the training and support of students with high capabilities, and are committed to quality teaching through new educational technologies.



“

This Postgraduate Diploma in E-Learning Applications in Teaching contains the most complete and up-to-date program on the market”

Module 1. New Teaching Models

- 1.1. Traditional Teaching
 - 1.1.1. Advantages and Disadvantages
 - 1.1.2. New Teaching Challenges
- 1.2. Education 4.0
 - 1.2.1. Advantages and Disadvantages
 - 1.2.2. The Need to Recycle
- 1.3. Communication Model 4.0
 - 1.3.1. Giving Up Lecturing
 - 1.3.2. Interoperability in the Classroom
- 1.4. New Teaching Challenges
 - 1.4.1. Continuous Teacher Training
 - 1.4.2. Learning Assessment
- 1.5. Externalizing Teaching
 - 1.5.1. Exchange Programs
 - 1.5.2. The Collaborative Network
- 1.6. Internet and Traditional Education
 - 1.6.1. Challenges of Book-based Education
 - 1.6.2. Augmented Reality in Class
- 1.7. New Teacher Role 4.0
 - 1.7.1. Energizing the Class
 - 1.7.2. Content Manager
- 1.8. New Student Role 4.0
 - 1.8.1. Changing from Passive to Active Models
 - 1.8.2. Introducing Cooperative Models
 - 1.8.3. Content Creation for Teachers
 - 1.8.4. Interactive Materials
 - 1.8.5. Reference Sources
- 1.9. New Learning Assessment
 - 1.9.1. Technology Product Evolution
 - 1.9.2. Students Elaborating Content

Search



Module 2. Google G Suite for Education

- 2.1. The Google Classroom
 - 2.1.1. History of Google
 - 2.1.2. Who is Google Today?
 - 2.1.3. The Importance of Partnering with Google
 - 2.1.4. Catalogue of Google Apps
 - 2.1.5. Summary
- 2.2. Google and Education
 - 2.2.1. Implication of Google in Education
 - 2.2.2. Application Procedures at your Center
 - 2.2.3. Versions and Types of Technical Support
 - 2.2.4. First Steps with the G Suite Management Console
 - 2.2.5. Users and Groups
 - 2.2.6. Summary
- 2.3. G Suite, Advanced Use
 - 2.3.1. Profiles
 - 2.3.2. Reports
 - 2.3.3. Role of Administrator
 - 2.3.4. Device Administration
 - 2.3.5. Confidence
 - 2.3.6. Domains
 - 2.3.7. Data Migration
 - 2.3.8. Groups and Mailing Lists
 - 2.3.9. Privacy Policy and Data Protection
 - 2.3.10. Summary
- 2.4. Tools for Information Search in the Classroom
 - 2.4.1. Google Search
 - 2.4.2. Advanced Information Search
 - 2.4.3. Integration of the Search Engine
 - 2.4.4. Google Chrome
 - 2.4.5. Google News
 - 2.4.6. Google Maps
 - 2.4.7. YouTube
 - 2.4.8. Summary
- 2.5. Google Tools for Communication in the Classroom
 - 2.5.1. Introduction to Google Classroom
 - 2.5.2. Instructions for Teachers
 - 2.5.3. Instructions for Students
 - 2.5.4. Summary
- 2.6. Google Classroom: advanced use and additional components
 - 2.6.1. Advanced Uses of Google Classroom
 - 2.6.2. Flubaroo
 - 2.6.3. FormLimiter
 - 2.6.4. Autocrat
 - 2.6.5. Doctopus
 - 2.6.6. Summary
- 2.7. Tools for Organizing Information
 - 2.7.1. First Steps in Google Drive
 - 2.7.2. File and Folder Organization
 - 2.7.3. Share Files
 - 2.7.4. Storage
 - 2.7.5. Summary
- 2.8. Tools for Cooperative Working with Google
 - 2.8.1. Calendar
 - 2.8.2. Google Sheets
 - 2.8.3. Google Docs
 - 2.8.4. Google Presentations
 - 2.8.5. Google Forms
 - 2.8.6. Summary

Module 3. ICT and its Practical and Interactive Application

- 3.1. New Technologies in Education
 - 3.1.1. The Educational Context 2.0
 - 3.1.2. Why use ICT?
 - 3.1.3. The Digital Competencies of Teachers and Students
 - 3.1.4. Summary
- 3.2. ICT in the Classroom and its Application
 - 3.2.1. Digital Book
 - 3.2.2. Digital Whiteboard
 - 3.2.3. Digital Backpack
 - 3.2.4. Mobile Devices
 - 3.2.5. Summary
- 3.3. ICT on the Web and its Application
 - 3.3.1. Browse, Search and Filter Information
 - 3.3.2. Educational Software
 - 3.3.3. Guided Activities on the Internet
 - 3.3.4. Educational Blogs and Web Pages
 - 3.3.5. Language and Literature Teacher's Wikis
 - 3.3.6. Learning Platforms: Moodle and Schoology
 - 3.3.7. Google Classroom
 - 3.3.8. Google Docs
 - 3.3.9. MOOCs
 - 3.3.10. Summary
- 3.4. Social Media and their Applications in Teaching
 - 3.4.1. Introduction to Social Media
 - 3.4.2. Facebook
 - 3.4.3. Twitter
 - 3.4.4. Instagram
 - 3.4.5. LinkedIn
 - 3.4.6. Summary
- 3.5. New Methodologies in the Classroom
 - 3.5.1. Outlines, Concept, and Mind Maps
 - 3.5.2. Infographics
 - 3.5.3. Presentations and Moving Texts
 - 3.5.4. Creation of Videos and Tutorials
 - 3.5.5. Gamification
 - 3.5.6. Flipped Classroom
 - 3.5.7. Summary
- 3.6. Design of Collaborative Activities
 - 3.6.1. Creation of Collaborative Activities
 - 3.6.2. Reading and Writing with ICT
 - 3.6.3. Expanding Dialogue and Reasoning Skills with ICTs.
 - 3.6.4. Attention to Group Diversity
 - 3.6.5. Scheduling and Monitoring of Activities
 - 3.6.6. Summary
- 3.7. Evaluation with ICT
 - 3.7.1. Assessment Systems with ICT
 - 3.7.2. e-Portfolio
 - 3.7.3. Self-Assessment, Peer Assessment, and Feedback
 - 3.7.4. Summary
- 3.8. Possible Risks of the Web
 - 3.8.1. Filtering Information and Infoxication
 - 3.8.2. Online Distractors
 - 3.8.3. Activity Tracking
 - 3.8.4. Summary
- 3.9. My ICT Resources
 - 3.9.1. Storage and Retrieval of Resources, Materials, and Tools
 - 3.9.2. Updating Resources, Materials, and Tools
 - 3.9.3. Summary



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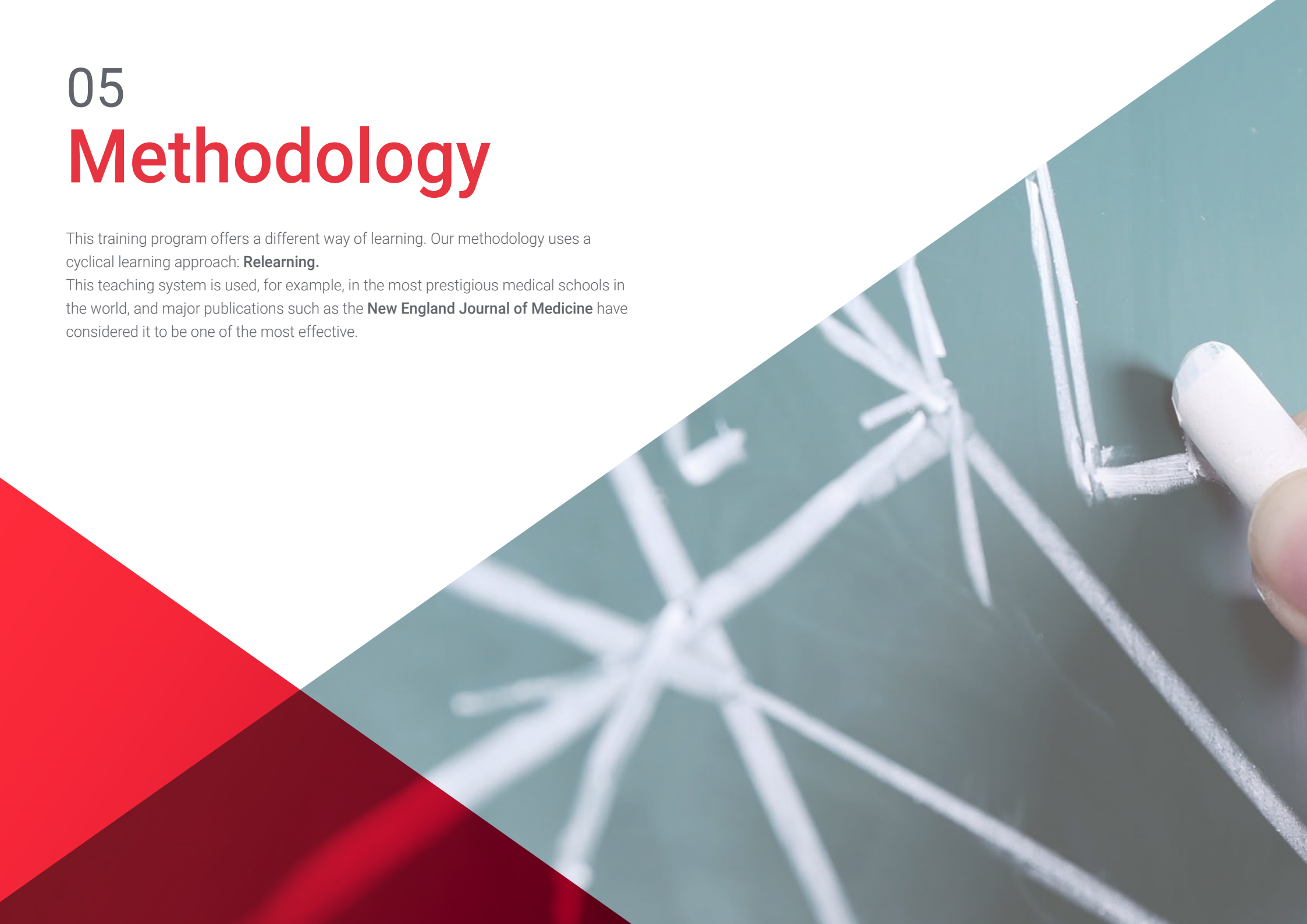
A unique, key, and decisive educational experience to boost your professional development”

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.





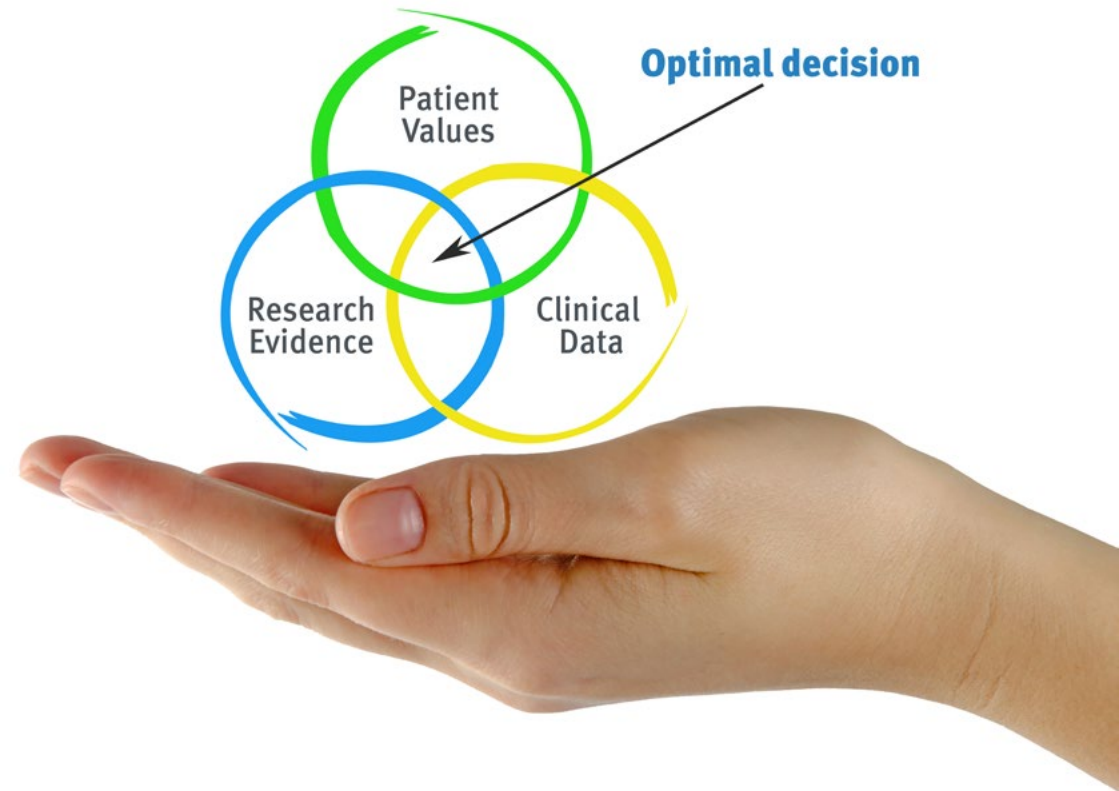
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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.

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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.

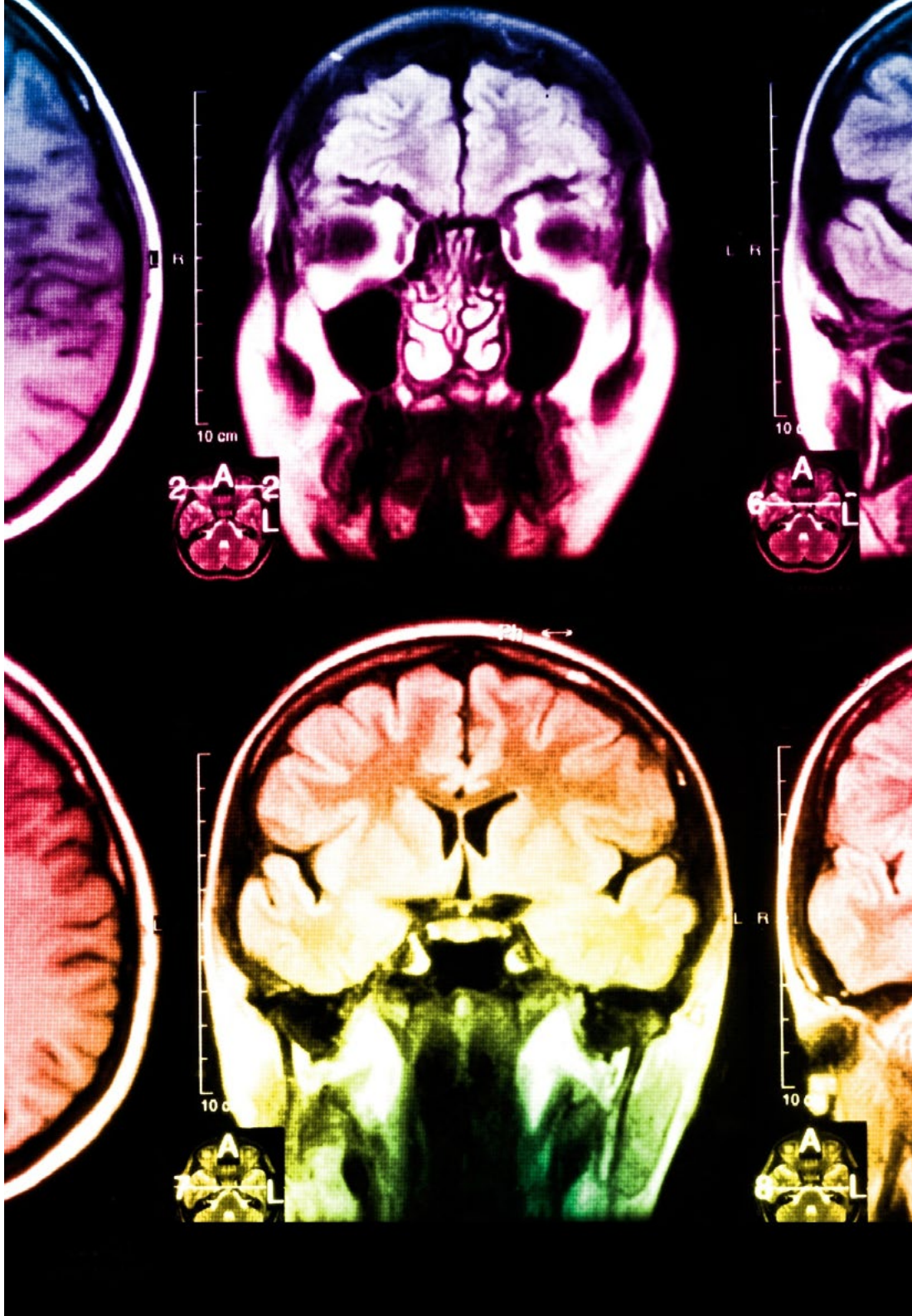
At the forefront of world teaching, the Relearning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

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.

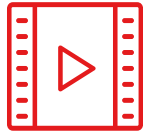
Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

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

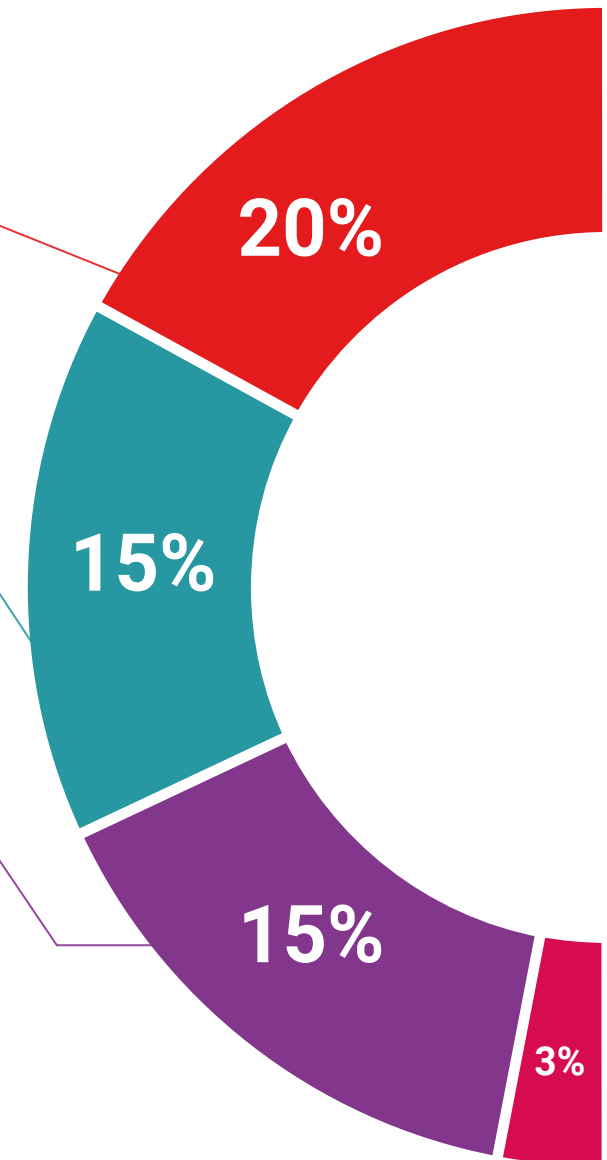
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

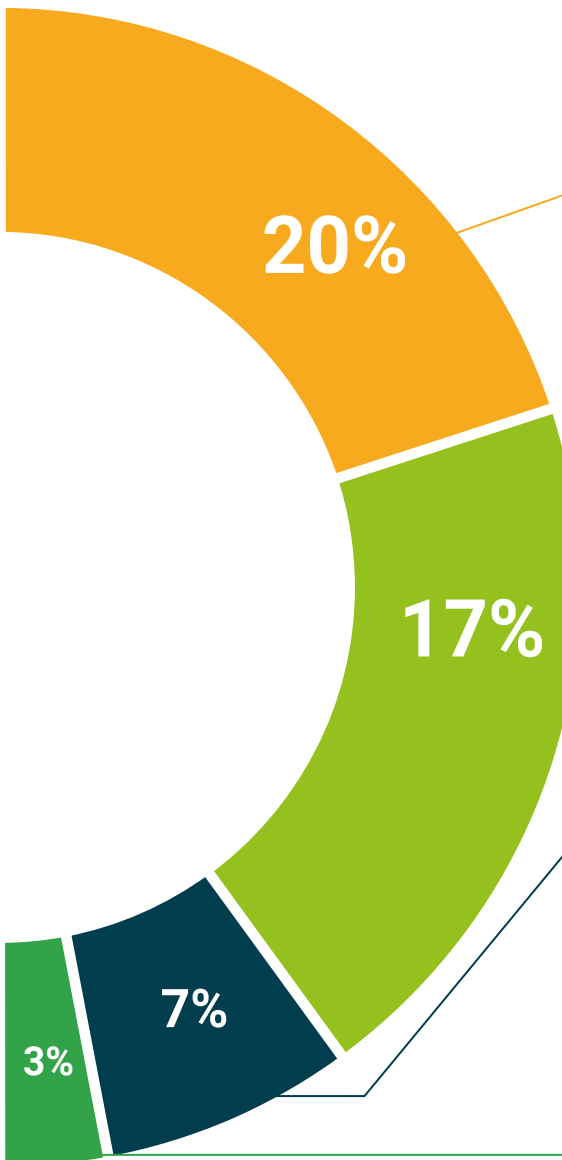
This exclusive multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".



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 E-Learning Applications in Teaching guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.



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

This **Postgraduate Diploma in E-Learning Applications in Teaching** 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 diploma 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 E-Learning Applications in Teaching**

Official N° of Hours: **450 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.

future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present

development languages

virtual classroom

tech technological
university

Postgraduate Diploma
E-Learning Applications
in Teaching

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Postgraduate Diploma E-Learning Applications in Teaching