

# Postgraduate Certificate Active Methodologies for Personalized Learning





## Postgraduate Certificate Active Methodologies for Personalized Learning

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

Website: [www.techtitute.com/us/education/postgraduate-certificate/active-methodologies-personalized-learning](http://www.techtitute.com/us/education/postgraduate-certificate/active-methodologies-personalized-learning)

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# 01

# Introduction

The methods for achieving personalized teaching are increasingly diverse and address various aspects and concepts of the classroom itself. Among them is the use of materials or the development of fun activities for the student, thus maintaining attention, improving the assimilation of content and achieving dynamic learning. In order to help educators improve the quality of their classes, TECH has created this program in which concepts such as gamification, mindfulness and even robotics will be learned. All this in a totally online format, of 150 hours of duration and with the Relearning methodology.



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*Leave behind the monotonous and boring lecture classes and embrace the knowledge of this specialization to approach innovative and cutting-edge cooperative learning”*

Today's educational models are constantly evolving, with an increasing focus on the learner and his or her individual needs. In this context, there is a need to implement innovative pedagogical strategies that encourage active participation and adaptability to different learning styles.

To meet this challenge, experts in the field of education have developed a set of approaches and techniques that enable a highly personalized teaching and learning experience, driven by collaboration and critical thinking. These methodologies, based on evidence and reflective practice, are transforming the way education is approached, allowing teaching professionals to adapt their methods to the needs of each student and to foster an enriching and effective learning environment.

For this reason, TECH offers this Postgraduate Certificate in Active Methodologies for Personalized Learning, which explores the ways in which these new educational systems and processes can be applied in the classroom. In this way, learners will deepen their understanding of the game-based learning model, CLIL methodology and Mindfulness, as well as their implementation methods and effectiveness.

This is a 100% online program that allows teachers to combine their professional lives with the study of the specialization. It also has a complete and detailed syllabus with a mixture of practical and theoretical concepts, review tests and downloadable content from the virtual classroom. In addition, it stands out for its ease in assimilating all this material, since thanks to the Relearning methodology there will be no need to be studying long days, but learning is done gradually and effortlessly.

This **Postgraduate Certificate in Active Methodologies for Personalized Learning** contains the most complete and up-to-date educational program on the market.

The most important features include:

- ♦ The development of case studies presented by experts in Education focused on Active Methodologies for Personalized Learning
- ♦ The graphic, schematic and practical contents of the book provide theoretical and practical information on those disciplines that are essential for 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



*Enroll and master teaching methods such as game-based learning, with which you will get your students to learn while having fun”*

“

*Specialize in Active Methodologies and Personalized Learning in just 150 hours of intensive study to take the next step in your career as an educator”*

*Get trained in the use of Gamification in your daily classes, with the objective of improving the assimilation of concepts by your students.*

*Mindfulness has been shown to help concentration and develop qualities such as clarity, openness and effort. Enroll and master the applicability of this method in your practice.*

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

Its 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 education programmed to learn in real situations.

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



# 02

# Objectives

With this specialization in Active Methodologies for Personalized Learning, enrolled teachers will assimilate the necessary contents to master the tools and concepts of one of the most important aspects of modern education. These new concepts acquired in the program, such as the use of games for teaching, project-based learning or corporate learning, will considerably improve the daily practice of educational pedagogy.





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*Acquire the competencies and skills necessary for you to be able to create diversified lessons in terms of pedagogical approaches, becoming an outstanding leader in the educational field”*



## General Objectives

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- ♦ Apply new methods by which learning becomes an observation and response experience
- ♦ Master the new educational trends for the personalization of teaching



*Become an expert on CLIL  
Methodology thanks to a large library  
of didactic resources and accompanied  
by the best professionals”*





## Specific Objectives

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- ♦ Know the current learning methodologies
- ♦ Know how to differentiate between Cooperative and Collaborative Learning
- ♦ Know the learning based on projects, problems and games, respectively
- ♦ Know how to apply Flipped Learning

# 03

## Structure and Content

TECH, thanks to the Relearning methodology, has managed to create a system by which both the theoretical and practical contents of this specialization can be learned in a leisurely manner, and without unnecessary sacrifices of time and effort. Each and every one of the topics that make up this Postgraduate Certificate, are made up of the most cutting-edge theoretical and practical content in terms of Active Methodologies for Personalized Learning, among which are the use of games for teaching, robotics and gamification in the classroom. All this in a program of 150 hours of duration to which enrollees can access without geographical or time limitations, only needing a device with internet connection.





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*Flipped Learning breaks down the barriers of the classroom as the preferred place for teaching and learning. Make your classes unlimited by studying this Diploma”*

## Module 1. Methodologies for Personalized Learning

- 1.1. Active Methodologies
  - 1.1.1. Historical Development: From Master Class to Cooperative Learning
  - 1.1.2. Ausubel's Significant Learning
  - 1.1.3. Vygotsky's Pedagogical Thinking
  - 1.1.4. Skill Based Learning
- 1.2. Cooperative and Collaborative Learning
  - 1.2.1. Cooperative Learning Concept
  - 1.2.2. Why Learn Cooperatively?
  - 1.2.3. Collaborative Learning
  - 1.2.4. Use of ICTs 's in Collaborative Learning
- 1.3. Project Based Learning
  - 1.3.1. Key Concepts
  - 1.3.2. Project-Based Methodology
  - 1.3.3. Project implementation
  - 1.3.4. Virtual Environment
- 1.4. Game-Based Learning
  - 1.4.1. Game-Based Learning.: What Is It?
  - 1.4.2. The Game as a Tool of Learning
  - 1.4.3. Board Games and their Appliication in the Education
  - 1.4.4. The Role of the Teacher in the Game-Based Learning
- 1.5. Gamification
  - 1.5.1. What is Gamification?
  - 1.5.2. Gamification and Motivation
  - 1.5.3. The Importance of Fun on Learning
  - 1.5.4. A Gamified Design: Elements and Loops
- 1.6. Reverse Learning or Flipped Learning
  - 1.6.1. What Is Reverse Learning?
  - 1.6.2. Application Flipped Classroom and Flipped Learning
  - 1.6.3. Flipped Learning Evaluation
  - 1.6.4. Resources for Flipped Learning

- 1.7. CLIL Methodology
  - 1.7.1. Introduction and Conceptualization of CLIL methodology
  - 1.7.2. CLIL Methodology CLIL Methodology: The 5 Cs and Bloom's Wheel
  - 1.7.3. CLIL approach: Customized Approach
  - 1.7.4. The CLIL Methodology in Reality
- 1.8. Robotics and Education
  - 1.8.1. Pedagogical Model for Innovation
  - 1.8.2. The Robot
  - 1.8.3. Methodology
  - 1.8.4. A Robotic Project: RobotLab
- 1.9. Mindfulness
  - 1.9.1. What is Mindfulness?
  - 1.9.2. Compassionate Education
  - 1.9.3. Mindfulness in the Classroom
  - 1.9.4. Effectiveness of Mindfulness in Students



*A study structure created to turn education professionals into referents in the use of innovative teaching methods”*



04

# 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.*

“

*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

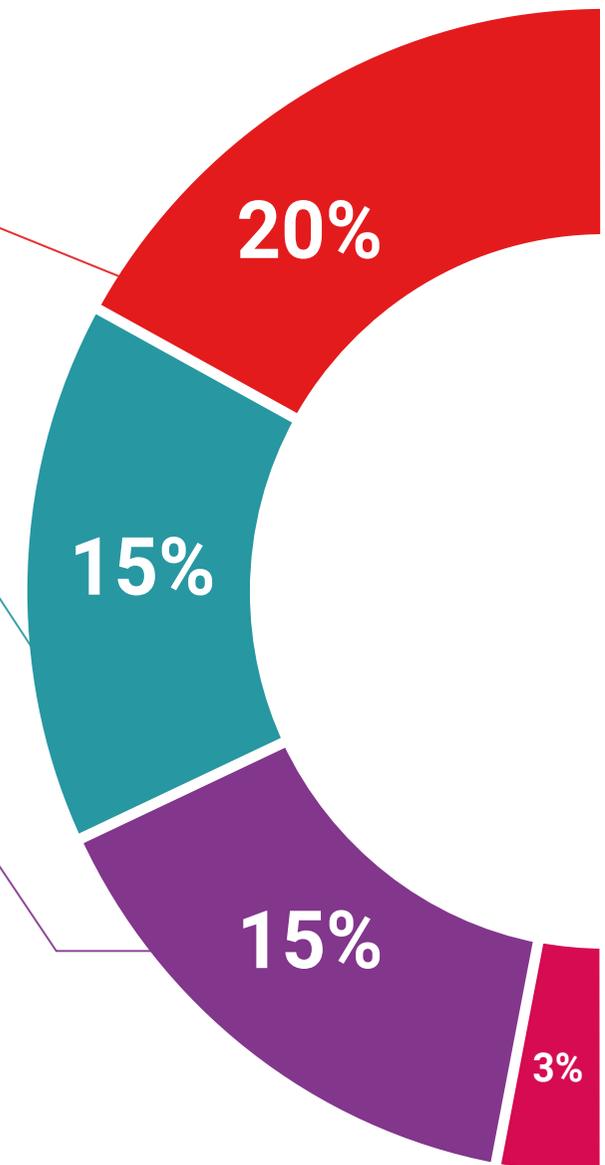
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

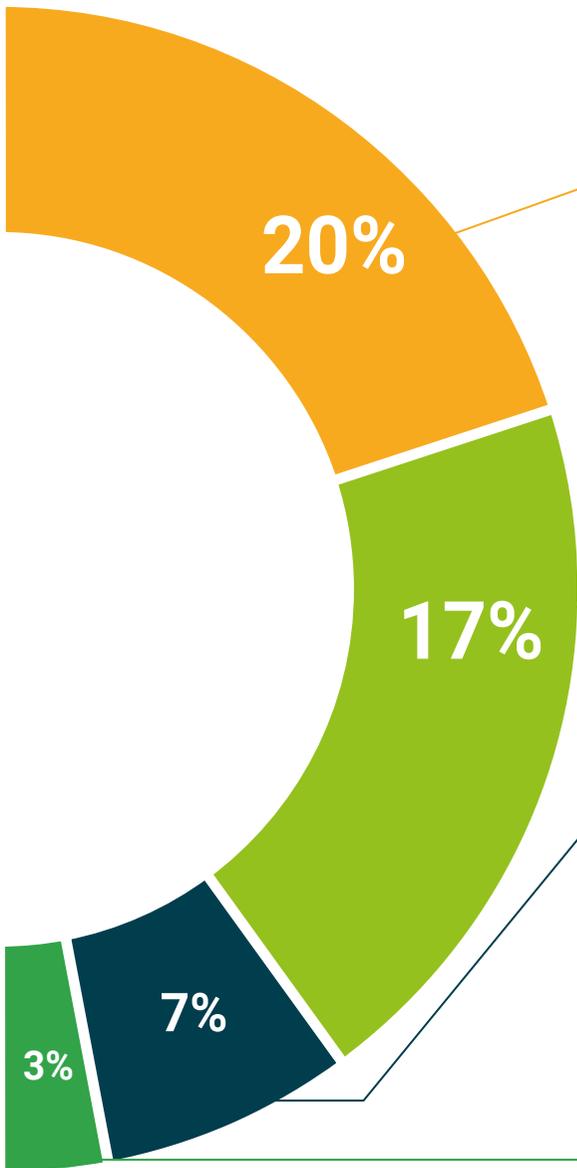
This exclusive multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".



#### 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.



05

# Certificate

The Postgraduate Certificate in Active Methodologies for Personalized Learning guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate 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 Certificate in Active Methodologies for Personalized Learning** 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 Active Methodologies for Personalized Learning**

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.

future  
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education information tutors  
guarantee accreditation teaching  
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community commitment  
personalized service innovation  
knowledge present  
development language  
virtual classroom

**tech** technological  
university

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# Postgraduate Certificate

## Active Methodologies for Personalized Learning

