

# Postgraduate Certificate

## New Technologies and Cooperative Learning in High Capacity Individuals





## Postgraduate Certificate

### New Technologies and Cooperative Learning In High Capacity Individuals

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

Website: [www.techtitute.com/in/education/postgraduate-certificate/new-technologies-cooperative-learning-high-capacity-individuals](http://www.techtitute.com/in/education/postgraduate-certificate/new-technologies-cooperative-learning-high-capacity-individuals)

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# 01

# Introduction

The combination of New Technologies and Cooperative Learning enhances the benefits for High Capacity students. Digital tools facilitate collaboration, allowing these students to connect with peers with similar interests, share resources, undertake joint projects, and develop social and emotional skills in safe virtual environments. This is why it is essential for teachers to be up-to-date in the effective use of educational technologies, explore new pedagogical strategies and foster collaborative educational scenarios. Faced with this situation, TECH has created a program in a 100% online format, giving educators the flexibility to harmonize their daily obligations with their improvement process, since they will not be subject to inflexible schedules.



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*With TECH's help, explore approaches and perspectives that transform the way we educate students with exceptional intellectual capacity”*

New electronic tools have revolutionized the way people access information, communicate and learn. For High Capacity students, these digital resources provide unprecedented opportunities to optimize their knowledge acquisition. Through interactive digital resources, online platforms and specialized tools, these students can explore and delve deeper into their areas of interest, access advanced and challenging content, and connect with peers and experts in their fields of study.

In addition, ICT offers flexibility and personalization, allowing education to be tailored to the individual needs of students with exceptional abilities. On the other hand, Cooperative Learning is especially valuable for individuals with high capacity, as it provides them with the opportunity to interact with their peers and enrich their knowledge through the exchange of ideas, debate and collective knowledge construction.

In this sense, the role of the teacher is vital, as they can use educational applications and programs to design enriching, stimulating and appropriate experiences for each student, fostering their autonomy, creativity and critical thinking. That is why educators must be trained in the effective use of new technologies and collaborative program environments. This will allow them to meet the individual needs of each learner, foster their motivation, satisfy their intellectual challenges and cultivate their integral development.

In line with this approach, TECH has developed a Postgraduate Certificate in New Technologies and Cooperative Learning in High Capacity Individuals. For this purpose, a plan of studies is offered under a 100% online format that incorporates the Relearning methodology. In addition, it offers the participant the opportunity to access at any time and place, since it only requires an electronic device with an Internet access.

This **Postgraduate Certificate in New Technologies and Cooperative Learning in High Capacity Individuals** contains the most complete and up-to-date educational program on the market. The most important features include:

- ♦ Case studies presented by experts in High-Capacity Individuals and Inclusive 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
- ♦ 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



*Acquire proficiency in information and communication technologies, and take full advantage of their applications in the educational environment of students with high capacity"*

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*Through this 100% online program, gain competencies in learning and knowledge technologies, and maximize the integral development of your students"*

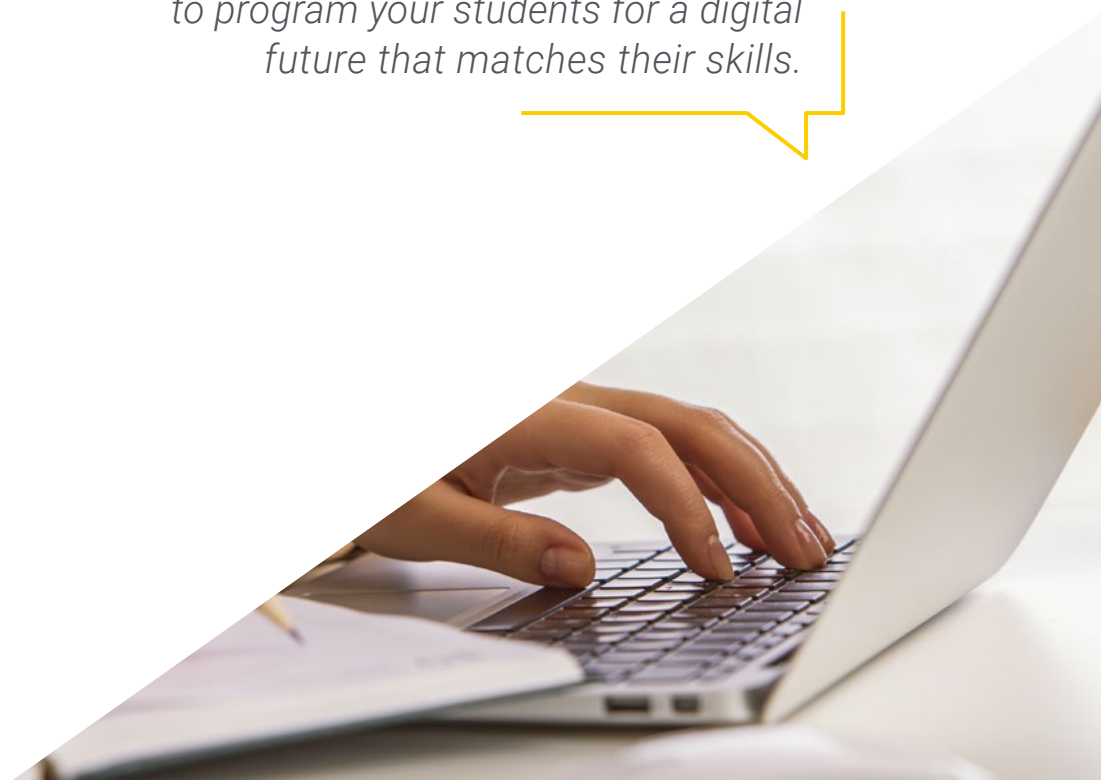
The program's teaching staff includes professionals from the sector who contribute their work experience to this training program, as well as renowned specialists from leading societies and prestigious universities.

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 immersive education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby students must try to solve the different professional practice situations that arise throughout the program. For this purpose, students will be assisted by an innovative, interactive video system created by renowned and experienced experts.

*Promote the inclusion of your students through the use of resources such as empowerment and participation, thanks to this program that only TECH can offer you.*

*Explore the impact of Emerging Technologies on education and prepare to program your students for a digital future that matches their skills.*



# 02

# Objectives

The purpose of this program is to provide the teacher with innovative knowledge about new technologies and their implementation in the learning process of High Capacity students. In this way, the educator will be able to optimize the educational process of these students, providing them with enriching, personalized and collaborative learning opportunities that allow them to reach their maximum educational potential and integral development. In order to achieve this goal, TECH has made available to participants a variety of audiovisual resources in a virtual library, which is available 24 hours a day without limitations.







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*In a period of 6 weeks, you will be able to acquire the necessary digital competencies and combine them with Cooperative Learning to achieve a more individualized education"*



## General Objectives

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- ♦ Train the participant to recognize and initiate the detection of students who present characteristics compatible with the High Abilities spectrum
- ♦ Make known the main characteristics of High Capacity, as well as the pedagogical, scientific, and legal framework in which this reality is framed
- ♦ Show students the main assessment tools, as well as the criteria to complete the process of indentifying the specific educational needs required for High Abilities
- ♦ Enable students in the use of techniques and strategies for educational intervention, as well as for response orientation in different extracurricular areas
- ♦ Develop in students the capacity to elaborate specific adaptations, as well as to collaborate or to promote integral programs within the educational project and the attention plan for diversity at a center
- ♦ Value the multidimensionality of High Capacity and the need for multiprofessional interventions with flexible and adaptive methodologies from an inclusive vision
- ♦ Consolidate innovation and the application of new technologies as a central and useful element in the educational process
- ♦ Awaken in the student the necessary sensitivity and initiative to become a catalyst for the paradigmatic change that will make an inclusive educational system possible





## Specific Objectives

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- ♦ Understand the urgent need for specific teacher training in the field of high-capacity individuals
- ♦ Discuss the advantages and disadvantages of the transformation of education with new methods and technological tools
- ♦ Know digital educational content, digital tools and educational platforms
- ♦ Develop a technological resource base for educational practice
- ♦ Compare digital resources and share experiences to compile a resource bank
- ♦ Know the institutions that bet on and work for Inclusive education, research and for the defense of the rights of students with high capacities

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*Acquire skills to design and manage group activities for the educational setting with students who possess outstanding intellectual abilities”*

03

# Course Management

In this program, TECH has brought together a group of outstanding teachers specialized in the field of High Capacity. These are renowned experts recognized for their vast experience and trajectory in the educational field. Therefore, by being part of this program, students can be certain of obtaining the knowledge required to progress in their professional growth, under the tutelage of specialists in the area.





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*An exceptional educational journey that will lead you to complete a quality update, making you a reference professional in the field of education for students with high capacity”*

## Management



### Dr. Medina Cañada, Carmen Gloria

- ♦ Director of the Instituto Canario de Altas Capacidades (Canary Islands Institute of High Capacities)
- ♦ Psychologist and Speech therapist at the Asperger Association of the Canary Islands (ASPERCAN)
- ♦ Psychologist and Speech Therapist in Yoyi
- ♦ Psychologist and Speech Therapist at the Center for Audiology and Speech Therapy Studies
- ♦ Psychologist of minors in the Psychological Guidance Area at ANSITE
- ♦ Bachelor's PhD in Pedagogy, University of La Laguna
- ♦ Bachelor's Degree in Pedagogy, University of La Laguna
- ♦ Degree in Primary Education by University of La Laguna

## Professors

### Mr. Hernández Calvín, Francisco Javier

- ♦ Specialist in Psychopedagogy and High Capacities
- ♦ Neurosynchrony Manager (Alicante)
- ♦ Judicial Expert at the International Institute of High Capacities of the Community of Valencia
- ♦ Degree in Psychopedagogy from ULPGC
- ♦ Diploma in Primary School Education from the University of Las Palmas of Gran Canaria (ULPGC)
- ♦ Master's Degree in High Capacities from the CEU Cardenal Herrera University

### Ms. Herrera Franquis, María del Carmen

- ♦ Director of the Canary Islands Psychological Center
- ♦ Director of the Canary Islands Institute of High-Capacity Individuals in Tenerife
- ♦ Teacher in university and postgraduate studies in Psychology
- ♦ Degree in Psychology
- ♦ Expert in the Psychological Approach to Personality Disorders in Childhood and Adolescence
- ♦ Member of: the National Network of Psychologists for the Psychological Attention to Victims of Terrorism of the Ministry of the Interior

**Mr. Hernández Felipe, Eduardo**

- ♦ Psychologist Expert in High Capacities and Social Intervention
- ♦ Psychologist Responsible for an Immediate Care Center
- ♦ Child and Adolescent Psychologist at the DUO Center
- ♦ Psychologist at The Catholic Worker Farm
- ♦ Collaborator in the Canary Islands Institute of High Capacities
- ♦ Degree in Psychology from the University of La Laguna
- ♦ Master's Degree in Family Intervention from the University of Gran Canaria
- ♦ Master's Degree in General Health Psychology from the University of Valencia
- ♦ Master's Degree in High Abilities and Inclusive Education

**Ms. Jiménez Romero, Yolanda**

- ♦ Pedagogical advisor and External Educational Collaborator
- ♦ Academic Coordinator Online University in Campus
- ♦ Territorial Director of the Extremeño-Castilla La Mancha Institute of High Capacity
- ♦ Creation of INTEF Educational Content at the Ministry of Education and Science
- ♦ Degree in Primary Education, English specialization
- ♦ Psychopedagogue from the International University of Valencia
- ♦ Master's Degree in Neuropsychology of High Abilities
- ♦ Master's Degree in Emotional Intelligence Specialist in NLP Practitioner

**Dr. Peguero Álvarez, María Isabel**

- ♦ Specialist in Family and Community Medicine in the Extremeño Health Service
- ♦ Family Physician with Pediatric duties in Primary School Care
- ♦ Coordinator of the Primary School team in the Extremadura Health Service
- ♦ Author of several publications related to high capacities and of the Clinical Practice Guide in Primary School Care
- ♦ Participation in various forums, congresses, and conferences related to high capacities

**Ms. Pérez Santana, Lirian Ivana**

- ♦ Psychologist Specialized in High Capacities
- ♦ Director of the Instituto Canario de Altas Capacidades (Canary Institute of High Capacities)
- ♦ Guidance Counselor at IES Vega de San Mateo
- ♦ Guidance counselor at CPEIPS Nuestra Señora de las Nieves
- ♦ Bachelor's Degree in Pedagogy, University of La Laguna
- ♦ International Master's Degree in Forensic Psychology from the Spanish Association of Behavioral Psychology

**Ms. Rodríguez Ventura, María Isabel**

- ♦ Director, Coordinator and Therapist at Gabinete Pedagógico Lanzarote SL
- ♦ Coordinator, Therapist and Head Pedagogue at Creciendo Yaiza Association
- ♦ Bachelor's Degree in Pedagogy, University of La Laguna
- ♦ Master's Degree in Intervention in Learning Difficulties from ISEP University
- ♦ Member of : the Canary Institute of High-Capacity Individuals Lanzarote delegation

**Mr. Gris Ramos, Alejandro**

- ♦ Technical Engineer in Computer Management
- ♦ CEO & Founder from Talent Club
- ♦ CEO Persatrace, Online Marketing Agency
- ♦ Business Development Director at Alenda Golf
- ♦ Director of the PI Study Center
- ♦ Director of Web Application Engineering Department at Brilogic
- ♦ Web programmer at Grupo Ibergest
- ♦ Software/web programmer at Reebok Spain
- ♦ Technical Engineer in Computer Management
- ♦ Master's Degree in Digital Teaching and Learning , Tech Education
- ♦ Master's Degree in High Abilities and Inclusive Education
- ♦ Master' s Degree in E-Commerce
- ♦ Specialist in the Latest Technologies Applied to Teaching, Digital Marketing, Web Application Development and Internet Business







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*Take the opportunity to learn about the latest advances in this field in order to apply it to your daily practice"*

# 04

## Structure and Content

The plan of studies included in this Postgraduate Certificate compiles the most pertinent concepts within the field of Emerging Technologies and Collaborative Learning in students with exceptional abilities. In this way, the teacher will delve into areas such as the impact of the latest technologies in education, Collaborative Learning from an intercultural perspective and the creation of group activities and dynamics. In order to achieve this objective, TECH offers a wide selection of multimedia resources, such as specialized readings, which can be accessed anytime and anywhere, since only a device with Internet access is required.





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*Through the Relearning method, you will acquire complex concepts more efficiently, maximizing your educational performance with less effort"*

## Module 1. New Technologies and Cooperative Learning

- 1.1. The Transformation of Education with New Teaching Methods
  - 1.1.1. Approaches and Perspectives
  - 1.1.2. Information Communication Technologies (ICTs)
  - 1.1.3. Technology for Learning and Knowledge
  - 1.1.4. Empowerment and Participation Technologies
- 1.2. Impact of New Technologies in Education
  - 1.2.1. Digital Skills in Students
  - 1.2.2. Digital Skills in Teachers
  - 1.2.3. The Role of Families and the Regulation of Use
- 1.3. Educating With the Use of New Technologies
  - 1.3.1. Advantages and Disadvantages of the Use of ICTs
  - 1.3.2. ICT and its possibilities for students with AAC
- 1.4. Structure and Abilities in Cooperative Learning
  - 1.4.1. Implementation of Collaborationism
  - 1.4.2. Cooperative Learning and Use of New Technologies
- 1.5. Purposes of Cooperative Learning From a Multicultural Approach
  - 1.5.1. Cooperative learning and Social Context
  - 1.5.2. Interculturality and The Benefits of Educational Partnership
- 1.6. Application in Each of the Educational Stages
  - 1.6.1. Teamwork and Group Cohesion in Early Childhood Education
  - 1.6.2. Cooperative Techniques in Early Childhood Education
  - 1.6.3. Didactics and Experiences in Primary Education Simple Structures
  - 1.6.4. Primary Research and Projects
  - 1.6.5. Importance of Roles in Secondary Education
  - 1.6.6. Evaluation of Cooperative Experiences in Secondary Schools





- 1.7. Design of Activities and Group Dynamics
  - 1.7.1. Group Cohesion Activities
  - 1.7.2. Group Dynamics
- 1.8. The Role of the Teacher as Facilitator and Guide
  - 1.8.1. The Teacher's Guide in The Digital Age
  - 1.8.2. The Classroom as a Scenario of Learning
- 1.9. Assessment of Cooperative Learning
  - 1.9.1. Peer Assessment
  - 1.9.2. Self-Observation
  - 1.9.3. Teacher Assessment

“*Acquire new knowledge and better skills by implementing the use of ICT and Cooperative Learning in students with High Capacity*”

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.





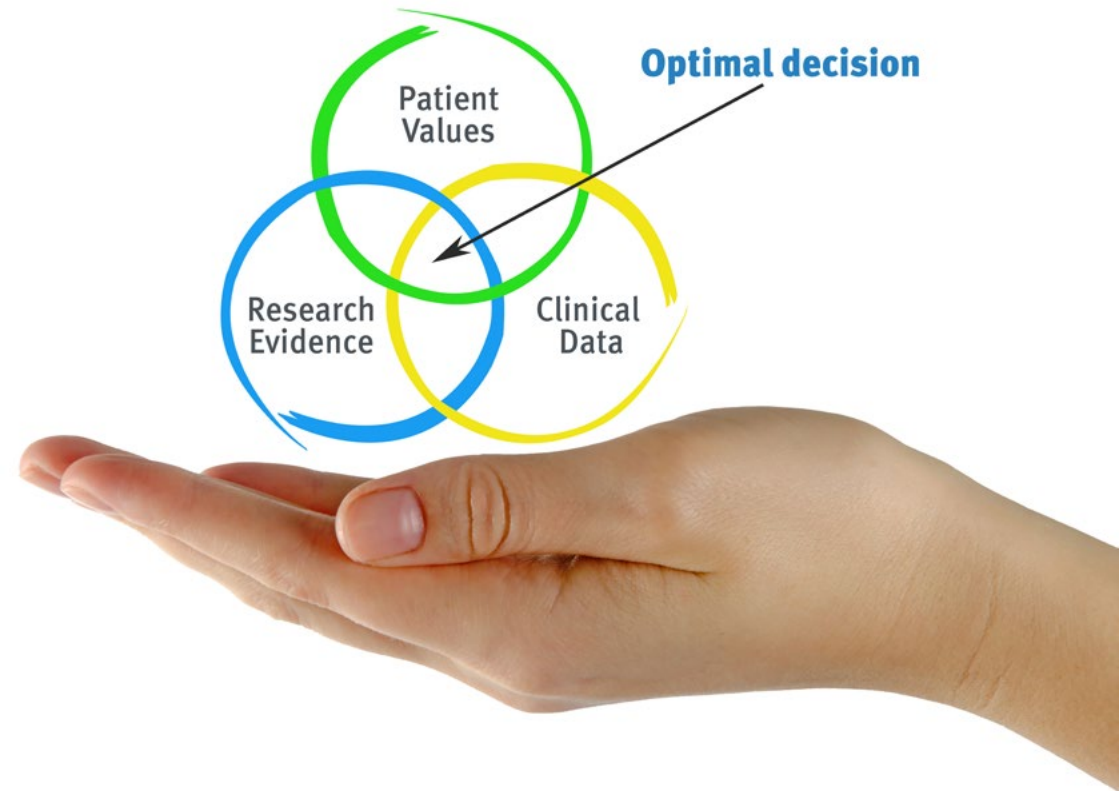
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## 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 Certificate in New Technologies and Cooperative Learning in High Capacity Individuals 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 New Technologies and Cooperative Learning in High Capacity Individuals** 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 New Technologies and Cooperative Learning in High Capacity Individuals**

Official N° of Hours **125 h.**



\*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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New Technologies and  
Cooperative Learning  
In High Capacity Individuals

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New Technologies and Cooperative  
Learning in High Capacity Individuals

