

# Postgraduate Certificate

New Technologies and Cooperative Learning for High-Capacity Individuals





## Postgraduate Certificate New Technologies and Cooperative Learning for High-Capacity Individuals

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

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

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# 01

# Introduction

Focus on the real needs of High Capacities children will always be positive for their development and school performance. The environment must be aware of their characteristics and requirements in order to manage tasks according to their competencies and talents. Likewise, knowing how to take advantage of it will provide new alternatives in favor of their evolution. In this context, TECH has developed this exclusive educational program where the graduate will acquire the most up to date knowledge on the subject. It will be 100% online and with the guidance of the most knowledgeable teachers.





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*By taking this program you will be up to date on the advantages and disadvantages of the use of technology in education with High Capacities children to meet the needs of your patients"*

In recent years, new technologies have gone a step further and have taken part in the education of schoolchildren. This fact becomes even more important in the case of children with High Capacities, since due to their characteristics they require stimuli that help them to channel all their creativity and talent, managing their own development along with the group they are part of.

It is common for Psychology professionals to intervene in this process of teaching and therapy for children with High Capacities, so being up to date on the subject will represent a great advantage for their interventions. In that regard, to facilitate their updating on all the advances and make the best decisions, TECH has designed this complete program in New Technologies and Cooperative Learning in High Capacities, 100% online and with an exclusive teaching load.

It is a syllabus made up of 1 educational module of 150 hours, with theoretical and practical material designed by specialists chosen for the design and development of all content. It will be an unique opportunity of expansion for students, as they will learn what is Cooperative Learning from a multicultural approach and the advantages and disadvantages of the use of ICT in children with High Capacities.

An unique syllabus that will be available 24 hours a day from the most secure, modern and intuitive virtual platform that can be accessed from any device with internet connection. In this way, students will feel the flexibility and comfort of choosing the best place and time for their learning, facilitating a successful outcome.

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

- ♦ 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 the self-assessment process can be carried out 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



*Increase your knowledge  
and position yourself as an expert  
in New Technologies and Cooperative  
Learning for High-Capacity Individuals”*



*This program will teach you to design and implement digital environments ideal for enhancing the learning of gifted children and adolescents"*

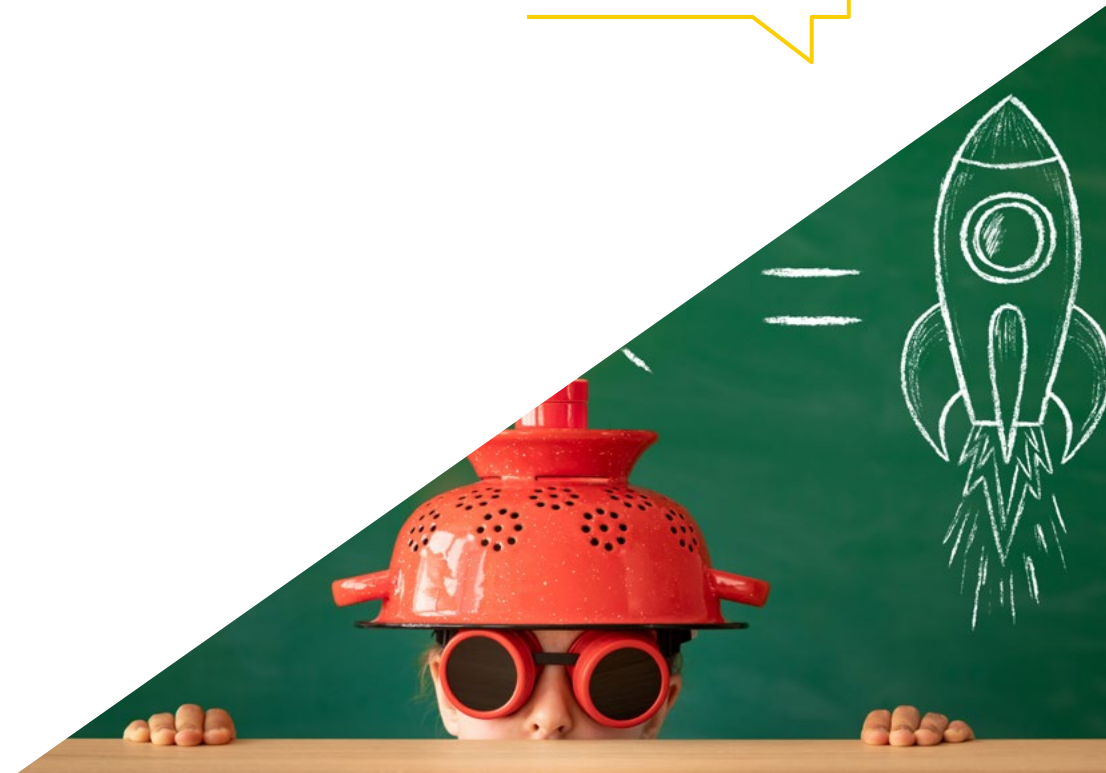
*You will delve into the structure and skills in Cooperative Learning to put it into practice in your consultations with High Capacities patients.*

*With TECH, your preparation in New Technologies and Educational Methods in High-Capacity Individuals will be possible in 6 weeks and 100% online.*

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, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.



# 02

# Objectives

This program is oriented to psychologists who wish to take their career to the next level with up-to-date knowledge and that will allow them to offer a quality service to children with special needs. Specifically, it is an update in New Technologies and Educational Methods in High-Capacity Individuals that will allow the graduate new competences to intervene successfully within a sector and a profession increasingly in demand.





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*This program will teach you to work with digital environments ideal for enhancing the learning of children and adolescents with High Capacities”*



## General Objectives

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- ♦ Train participants to recognize and initiate the detection of children who present characteristics compatible with the high-capacity spectrum
- ♦ Introduce the main characteristics of high-capacity individuals, as well as to the pedagogical, scientific and legal framework in which this reality is framed
- ♦ Show the main assessment tools, as well as the criteria to complete the process of identifying the specific educational needs required for high-capacity individuals
- ♦ Enable students to use techniques and strategies for educational intervention, as well as guide the response in different extracurricular areas
- ♦ Develop the capacity to elaborate specific adaptations, and collaborate in or promote integral programs within educational projects and attention plans for diversity at the center
- ♦ Value the multidimensionality of high capacities and the need for multiprofessional interventions with flexible and adaptive methodologies from an inclusive perspective
- ♦ Consolidate innovation and the application of New Technologies as a backbone and useful element in the educational process
- ♦ Awaken in students the necessary sensitivity and initiative to become the driving the necessary 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
- Elaborate a base of technological resources that used 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



*With the help of the best teachers you will understand how new teaching methods have transformed Education and how it influences patients with High Capacities"*



03

# Course Management

In order to offer a high educational level program, TECH chooses the most reputable specialists in their field. This program has a team of experts in New Technologies and Cooperative Learning for High-Capacity Individuals that will facilitate at all times the study of the most complex and innovative concepts. In this way, the graduate is assured of a guarantee of quality and relevance, due to the fact that the teachers are active professionals in the area of Psychology.



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*The teachings of this program are based on an advanced methodology and the experience of the most knowledgeable and prestigious teachers in the area of study”*

## Address



### Ms. 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's Association of the Canary Islands (ASPERCAN)
- ♦ Psychologist and Speech Therapist at Yoyi
- ♦ Psychologist and Speech therapist at the Centro de Estudios Audiológicos y Logopedia (Center for Audiology and Speech Therapy Studies).
- ♦ Psychologist of minors in the Psychological Orientation Area at ANSITE Doctor in Clinical Psychology from the University of La Laguna.
- ♦ Bachelor's Degree in Pedagogy, University of La Laguna
- ♦ Degree in Primary Education from La Laguna University

## Professors

### Mr. Hernández Calvín, Francisco Javier

- ♦ Specialist in Psychopedagogy and High Capacities
- ♦ Manager of Neurosynchrony (Alicante)
- ♦ Judicial Expert at the Valencia Community International Institute of High Capacities
- ♦ Degree in Psychopedagogy from ULPGC
- ♦ Postgraduate certificate in Primary Education from the Autonomous University of Gran Canaria ULPGC)
- ♦ Professional Master's Degree in High Abilities by 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 studies and of Postgraduate
- ♦ Degree in Psychology
- ♦ Expert in the Psychological Approach to Personality Disorders in Childhood and Adolescence
- ♦ Member of: National Network of Psychologists for the Psychological Attention to Victims of Terrorism of the Ministry of the Interior

**D. Gris, Alejandro**

- ♦ Technical Engineer in Computer Management
- ♦ CEO & Founder from Club de Talentos
- ♦ CEO Persatrace, Online Marketing Agency
- ♦ Business Development Director at Alenda Golf
- ♦ Director of the PI Study Center
- ♦ Director of the Web Applications 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

**Mr. Hernández Felipe, Eduardo**

- ♦ Psychologist Expert in High Abilities and Social Intervention
- ♦ Psychologist Responsible for an Immediate Care Center
- ♦ Child and Adolescent Psychologist at DUO Center
- ♦ Psychologist at The Catholic Worker Farm
- ♦ Collaborator in the the Instituto Canario de Altas Capacidades (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 Abilities
- ♦ Creation of INTEF Educational Content at the Ministry of Education and Science
- ♦ Degree in Primary Education, English specialization
- ♦ Educational psychologist from the International University of Valencia
- ♦ Master's Degree in Neuropsychology of High Abilities
- ♦ Máster en Inteligencia Emocional Especialista en *Practitioner* PNL

**Dr. Peguero Álvarez, María Isabel**

- ♦ Specialist in Family Medicine and Pharmacy, Extremeño Service of Health
- ♦ Family Physician with functions in Pediatrics in Primary Care
- ♦ Coordinator of the Primary Care team in the Extremadura Health Service
- ♦ Author of several publications related to high capacities and of the *Guía Práctica Clínica en Atención Primaria* (Clinical Practice Guide in Primary Care)
- ♦ Participation in various forums, congresses and conferences related to high capacities

**Ms. Pérez Santana, Lirian Ivana**

- ♦ Psychologist Specialized in High Intellectual 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 Asociación Creciendo Yaiza
- ♦ Bachelor's Degree in Pedagogy, University of La Laguna
- ♦ Master's Degree in Intervention in Learning Difficulties from University ISEP
- ♦ Member of : the Instituto Canario de Altas Capacidades (Canary Institute of High-Capacity Individuals) Lanzarote delegation







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

# 04

## Structure and Content

In as little as 6 weeks you will be able to earn a top quality qualification that will take you to the next level in your career. With new and recycled knowledge, you will become an outstanding professional in the area of treatment of High Capacities patients. You will be able to immediately apply what you have learned and you will be with a deluxe reference source, developed by the most reputable specialists who direct this program. You will have access from the first day to all the content at any time and from wherever you are, because TECH offers an innovative way of learning with the most advanced methodology.





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*Without having to leave your current routine you will be able to graduate in New Technologies and Cooperative Learning, because it is 100% online”*

## 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. ICTs and their possibilities for students with H C:
- 1.4. Structure and Abilities in Cooperative Learning
  - 1.4.1. Implementation of collaborative learning
  - 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. Teacher the guide in the digital era
  - 1.8.2. The Classroom as Learning scenarios
- 1.9. Assessment of Cooperative Learning
  - 1.9.1. Peer Assessment
  - 1.9.2. Self-Observation
  - 1.9.3. Teacher Assesment

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*With TECH, you choose  
the place and the time to study.  
A 100% online program that gives  
you the autonomy you need”*

05

# Methodology

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

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



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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 we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

*With TECH the psychologist experiences a way of learning that is shaking the foundations of traditional universities around the world.*



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the psychologist's professional practice.



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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. Psychologists who follow this method not only master the assimilation of concepts, but also develop their mental capacity by means of exercises to evaluate real situations and apply their knowledge.
2. Learning is solidly translated into practical skills that allow the psychologist to better integrate knowledge into clinical practice.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
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 the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, which is a real revolution compared to the simple study and analysis of cases.

*The psychologist 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).

This methodology has trained more than 150,000 psychologists with unprecedented success in all clinical specialties. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

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

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 specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



#### Latest Techniques and Procedures on Video

TECH introduces students to the latest techniques, to the latest educational advances, to the forefront of current psychology. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



#### Interactive Summaries

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

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### 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 their 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 for High-Capacity Individuals guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



The image features two graduation caps (mortarboards) against a blue sky with light clouds. One cap is black with a black tassel, and the other is black with a maroon top. The background is split into a white diagonal section and a magenta section.

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

This private qualification will allow you to obtain a **Postgraduate Certificate in New Technologies and Cooperative Learning for High-Capacity Individuals** endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University**, is an official European University publicly recognized by the Government of Andorra ([official bulletin](#)). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

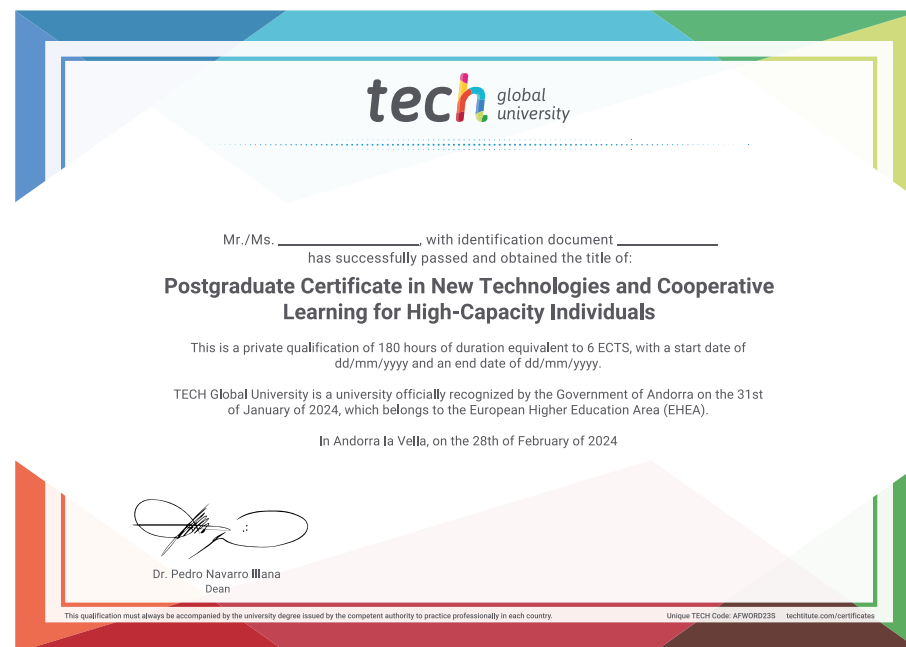
This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in New Technologies and Cooperative Learning for High-Capacity Individuals**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University 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



**Postgraduate Certificate**  
**New Technologies**  
**and Cooperative Learning**  
**for High-Capacity Individuals**

- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Global University**
- » Accreditation: **6 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

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## New Technologies and Cooperative Learning for High-Capacity Individuals

