

# Postgraduate Certificate

## Successful Educational Experiences in High Capacities





## Postgraduate Certificate

### Successful Educational Experiences in High Capacities

- » 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/successful-educational-experiences-high-capacities](http://www.techtitute.com/in/education/postgraduate-certificate/successful-educational-experiences-high-capacities)

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# 01

# Introduction

Successful Educational Experiences in High Capacities are fundamental for the integral development of students with superior abilities. These experiences go beyond the traditional curriculum and focus on providing an enriching and exciting learning environment that is tailored to their specific needs. It is for this reason that educators must keep abreast of the latest pedagogical developments for individuals with outstanding competencies. In doing so, they will be able to maximize the potential of these students, promoting a meaningful, stimulating and rewarding education. In response to this need, TECH has created a program in a 100% online format, which gives teachers the flexibility to coordinate their daily obligations with their updating, since they will not be subject to rigid schedules.







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*With this program, delve into centers of interest and project work to enhance learning in the pre-school stage"*

The importance of educational experiences lies in their ability to transform the learning environment and maximize the potential of students with high capacities. They not only focus on academics, but also value and promote the socio-emotional development of students. This provides emotional support, fosters teamwork, cultivates leadership skills, and promotes self-esteem and self-confidence.

In addition, they are given the opportunity to explore and enhance their skills in disciplines such as fine arts, music, sports and other areas they are passionate about. In this sense, the change in the educational space implies an individualized and adapted approach that adjusts to their requirements and pace of assimilation. It is for these reasons that the teacher must stay ahead of the curve in relation to these innovative educational environments. To achieve this, the teaching professional must acquire knowledge in the areas of cognitive stimulation, virtual platforms and art education.

Following this approach, TECH has designed a Postgraduate Certificate in Successful Educational Experiences in High Capacities, with the objective of providing the educator with the most up-to-date knowledge in the various pedagogical environments that can provide exceptional experiences in the education of individuals with superior capacities. A program that integrated the Relearning methodology and that, in addition, will be taught in a 100% online format. Furthermore, it provides the participant with the opportunity to access at any time and place, since only an electronic device with an Internet connection is required.

This **Postgraduate Certificate in Successful Educational Experiences in High Capacities** contains the most complete and up-to-date 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



*Enhance cognitive and linguistic growth in the field of early childhood education by participating in this 100% online Postgraduate Certificate program"*

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*Discover, throughout this program, how virtual environments become key resources to diagnose and adapt the learning of students with high capacities”*

The program’s teaching staff includes professionals from the field who contribute their work experience to this educational 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 the professional must try to solve the different professional practice situations that arise during the educational year. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

*Incorporate the visual arts disciplines into your teaching in order to stimulate creativity in your students.*

*Take advantage of the flexibility of this Postgraduate Certificate, and enhance your learning from the comfort of your home.*



02

# Objectives

The main objective of this program is to provide the teacher with the most innovative knowledge and specific skills in the field of educational environments for students with high capacities. In this way, the teacher will be able to design and apply appropriate pedagogical strategies that promote meaningful and stimulating learning for these students.





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*Over the course of 6 weeks, you will gain skills in cognitive and planning strategies specific to high school 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 capacity spectrum
- ♦ Make known the main characteristics of high capacities, 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-capacity individuals
- ♦ 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 capacities 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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- ♦ Review the curricular organization in different educational stages
- ♦ Compare screening results carried out by different educational agents
- ♦ Know the process of psycho-pedagogical evaluation as part of the identification process
- ♦ Analyze the most frequent psycho-pedagogical evaluation tools
- ♦ Learn how to interpret the results of a psycho-pedagogical evaluation with regard to educational responses

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*Immerse yourself in the concept of the Flipped Classroom and discover its transformative power in the educational environment”*



03

# Course Management

In this program, TECH has brought together a group of outstanding teachers specialized in the field of High Capacities. They are professionals recognized for their extensive experience and trajectory in the educational field. Therefore, by participating in this program, students can have full confidence in acquiring the necessary knowledge to advance their professional development, guided by experts in the field.





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*Explore the fascinating world of educational gamification, with a focus on its origin, development and practical applications to improve your teaching"*

## 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. Aznar Rodríguez, 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

**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

**Mr. Hernández Felipe, Eduardo**

- ♦ Psychologist Expert in High Capacities 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 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 Campus
- ♦ Territorial Director of the Extremeño-Castilla La Mancha Institute of High Abilities
- ♦ Creation of Educational Contents INTEF. Ministry of Education and Science
- ♦ Degree in Primary Education, English specialization
- ♦ Psychopedagogy. International University of Valencia
- ♦ Master's Degree in Neuropsychology of High Abilities
- ♦ Master's Degree in Emotional Intelligence. Specialist in NPL.

**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. 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

**D. Gris Ramos, Alejandro**

- ♦ Technical Engineer in Computer Management
- ♦ CEO & Founder Club de Talentos
- ♦ CEO. Persatrace, Online Marketing Agency
- ♦ Business Development Director at Alenda Golf
- ♦ Director. 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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*A unique, key, and decisive educational experience to boost your professional development”*

# 04

## Structure and Content

The syllabus included in this program compiles the most significant concepts in the field of Successful Educational Experiences for students with superior abilities. In this way, the educator will experience a learning process that will delve into aspects such as cognitive enhancement programs, virtual platforms as a tool for evaluation and adaptation, and the Flipped Classroom. In order to achieve this, TECH offers a variety of multimedia resources such as simulations of real cases, which will be available at any time and place, since only a device with an Internet connection is required.





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*Through the Relearning methodology, you will optimize your learning time by focusing efficiently on the most relevant concepts, avoiding long hours of study"*

## Module 1. Successful Educational Experiences

- 1.1. Centers of Interest and Project Work in Pre-School
  - 1.1.1. Development of Project Work
  - 1.1.2. Role of the Participants
  - 1.1.3. Assessment of Project Work
- 1.2. Cognitive and Language Stimulation Projects Applied to Pre-School Education
  - 1.2.1. Areas of Cognitive Stimulation
  - 1.2.2. Cognitive Stimulation Programs
  - 1.2.3. Language Prerequisites
  - 1.2.4. Language Stimulation Programs
- 1.3. Virtual Learning Environments in Pre-School and Primary Education
  - 1.3.1. Virtual Environments as a Diagnostic and Adaptive Tool
  - 1.3.2. Language Workshops
  - 1.3.3. Mathematics Workshops
- 1.4. Art Education in Pre-School and Primary School
  - 1.4.1. Visual Arts in the Pre-School Stage
  - 1.4.2. Visual Arts in the Primary-School Stage
  - 1.4.3. Resources and Activities in Art Education
- 1.5. Project Based Learning in Primary and in High School Education
  - 1.5.1. Steps to Implement Project-Based Learning
  - 1.5.2. Tools Used
  - 1.5.3. Description of Experiences
- 1.6. Cognitive Strategies and Planning in High School Education
  - 1.6.1. Metacognitive Strategies in High School
  - 1.6.2. Strategies for Learning Assessment in High School







- 1.7. *Flipped Classroom*
  - 1.7.1. Origins of the Flipped Classroom
  - 1.7.2. Development of the Methodology
  - 1.7.3. Experiences and Applications
- 1.8. Gamification
  - 1.8.1. Origins of Gamification
  - 1.8.2. Development of the Methodology
  - 1.8.3. Experiences and Applications
- 1.9. Resource Bank at Different Stages for High-Capacity Individuals
  - 1.9.1. Resources in Pre-School and Primary School Education
  - 1.9.2. Resources in High School Education

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*Immerse yourself in the most cutting-edge educational content, which is available in innovative multimedia formats, offering you an up-to-date study experience”*

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

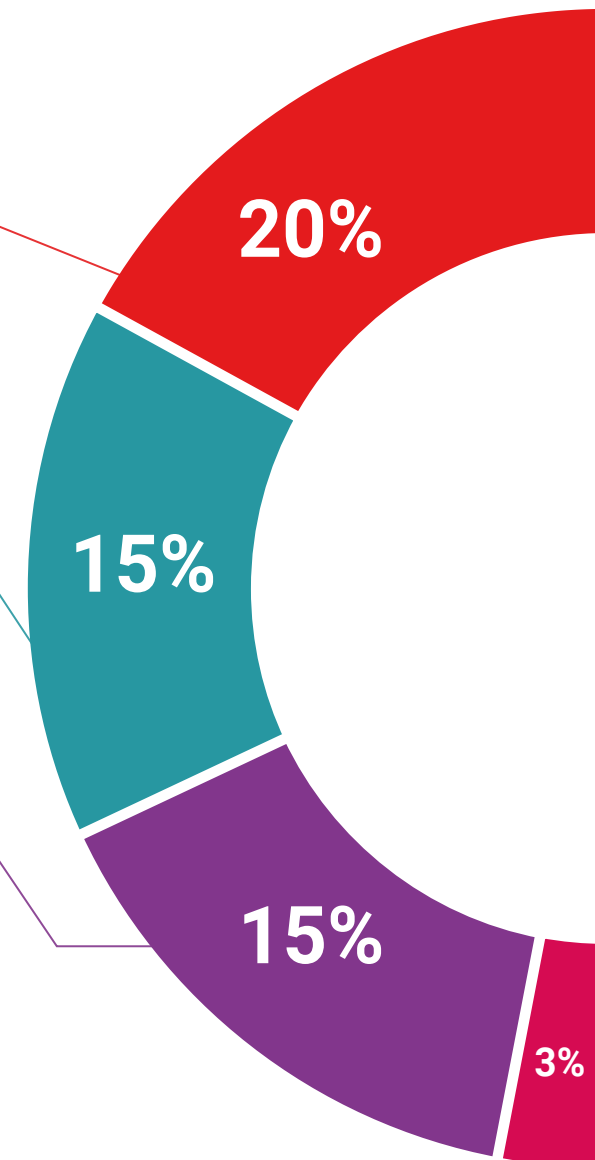
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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 Successful Educational Experiences in High Capacities 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 Successful Educational Experiences in High Capacities** 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 Successful Educational Experiences in High Capacities**

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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in High Capacities

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