

Postgraduate Certificate

Pedagogy of High-Capacity Individuals





Postgraduate Certificate Pedagogy of High-Capacity Individuals

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

Website: www.techtute.com/us/psychology/postgraduate-certificate/pedagogy-high-capacity-individuals

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01

Introduction

Worldwide, children with High Capacities represent 15 percent of the child population; in this context, there is a wide gap between their needs and the conditions available at school. Most educational institutions do not contemplate their real needs, and in many cases they are even misdiagnosed with attention deficit or hyperactivity. It is there where the demand for professionals in pedagogy of High Capacities is increasing, in order to determine accurate and timely diagnoses, to avoid negative results in the development of this student. This is how TECH, at the forefront of university education, has created this 100% online academic program with exclusive content about the educational paradigm and the pedagogical framework of High Capacities, for the professional development of the graduate and as a contribution to society.





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This Postgraduate Certificate will provide you with the necessary knowledge so that, as a Psychologist, you will know how to guide teachers in the most optimal methods of working with children with High Capacities”

The approach to children and adolescents with High Capacities is a fundamental aspect for their correct development. Multidisciplinary work in which various factors intervene in an aligned manner to meet their real educational needs is increasingly in demand. In this case, the role of the psychologist becomes vital in the teaching process, because it will allow an accurate diagnosis of the child's IQ level and how to manage their emotions and work.

With the specific preparation, the professional will be able to establish educational projects that enhance the skills of these children, without causing them a sense of frustration or discouragement. This is where this Postgraduate Certificate becomes the ideal tool for every psychologist who wishes to broaden their spectrum of attention. An academic program that will show the professional exactly what High Capacities are and their impact on the development of children and adolescents. A broad overview of the spectrum of giftedness will be made, bringing the participant closer to the role of the academic environment in their evolution, and offering the most effective solutions that can have a direct effect on these patients.

Likewise, it will delve into how the work of the psychologist can influence the school environment to perform a work more adapted to the requirements of gifted children and adolescents with specific talents. Know the characteristics of the current emerging educational paradigm within the pedagogical and scientific framework and differentiate the roles of the different educational agents.

These and other aspects that will be expanded in the most complete, updated and specific academic itinerary of the current educational panorama, in which, in an accessible way and with the quality desired by today's professional, they will be able to study without having to go to a classroom or have a pre-established timetable. Everything will be online, through the most modern, secure and intuitive virtual platform, open 24 hours a day. Undoubtedly, a complete tool to grow within the profession and achieve the desired success.

This **Postgraduate Certificate in Pedagogy of High-Capacity Individuals** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of case studies presented by experts in High Capacities 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 work
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



This academic program will allow you to position yourself in your sector thanks to the updated background you will build"

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Learn how to design successful diversity care plans through this complete program that TECH puts in your hand"

The program includes in its teaching staff professionals of the field who pour into this training the experience of their work, in addition to recognized specialists from reference societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive training programmed to train in real situations.

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

Throughout this tour you will interpret the different models and theories that define High Capacities from different points of view.

With TECH a new way of learning is possible. Without sacrificing your daily routine or moving to a classroom and the most updated content and the quality you want.



02

Objectives

This program is specially designed for all those psychologists who want to learn how to effectively manage the work with children and adolescents with High Capacities and promote the establishment of school programs that properly address their requirements. This will be done through a complete methodology composed of theoretical information and practical exercises that will help them to face real situations and solve them in the best possible way, allowing them to grow within the sector and position themselves as a professional of excellence.





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For TECH the goal is to be your best educational experience”



General Objectives

- ♦ Enable the participant to recognize and initiate the detection of students who present characteristics compatible with the spectrum of High Capacities
- ♦ Introduce the main characteristics of High Capacities, as well as the pedagogical, scientific and legal framework in which this reality is framed
- ♦ Show the main evaluation instruments, as well as the criteria to complete the process of identification of the specific educational needs derived from High Capacities
- ♦ 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 vision
- ♦ Consolidate innovation and the application of new technologies as a central and useful element in the educational process
- ♦ Awaken in the students the necessary sensitivity and the initiative to become the driving the necessary paradigmatic change that will make an inclusive educational system possible





Specific Objectives

- ♦ Know the characteristics of the current emerging educational paradigm within the pedagogical and scientific framework
- ♦ Differentiate the roles played by the different educational agents in the new paradigm
- ♦ Refresh the theoretical bases of the learning process in individuals
- ♦ Value the advantages of attention to diversity versus obsolete educational models
- ♦ Explore the possible routes to achieving quality education
- ♦ Know the place of high-capacity individuals in this new scenario of change
- ♦ Learn the scientific foundations for high-capacity individuals and the differential cognitive functioning of these students
- ♦ Interpret the different models and theories that define high-capacity individuals from different points of view
- ♦ Delve deeper into the examination of giftedness carried out in our closest environment
- ♦ Share the educational challenges of the present and the objectives of a school in the 21st century
- ♦ Understand Inclusive Education and attention to diversity as a fundamental right of all students
- ♦ Analyze the pedagogical and legal framework passing through the different institutional levels that mark the right to and the bases of education



Make the most of this opportunity to surround yourself with expert professionals and learn from their work methodology”

03

Course Management

The most experienced professionals make up the teaching staff of this academic program. Specialists of high professional stature in Psychology and precisely in the field of Pedagogy of High-Capacity Individuals have been involved in the design and development of the contents of this Postgraduate Certificate. Thanks to their active work profile, they provide the most up-to-date information possible on each of the topics presented. This is how the graduate will acquire the knowledge and skills needed to approach their patients with a multidisciplinary and avant-garde approach.



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The most experienced teachers in the current educational market are at TECH and will accompany you throughout your academic journey"

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's Association of the Canary Islands (ASPERCAN)
- ♦ Psychologist and Speech Therapist at Yoyi
- ♦ Psychologist and Speech Therapist at the Center for Audiology and Speech Therapy Studies
- ♦ Psychologist of minors in the Area of Psychological Orientation in 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

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 Capacities and Inclusive Education
- ♦ Master's Degree in E-Commerce
- ♦ Specialist in Latest Technologies Applied to Teaching, Digital Marketing, Web Application Development and Internet Business.

Ms. Jiménez Romero, Maria Yolanda

- ♦ Pedagogical advisor and External Educational Collaborator
- ♦ Academic Coordinator Online University Campus
- ♦ Territorial Director of the Extremeño-Castilla La Mancha Institute of High Capacities
- ♦ 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 Capacities
- ♦ Master's Degree in Emotional Intelligence Specialist in NLP *Practitioner*

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 at 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 Capacities and Inclusive Education

Dr. Peguero Álvarez, María Isabel

- ♦ Specialist in Family and Community Medicine in the Extremadura Health Service
- ♦ 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 *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 Abilities
- ♦ Director of the Gran Canaria Delegation of the Institute Canario de Altas
- ♦ Intellectual Capabilities
- ♦ 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 Pedagogical Office Lanzarote SL
- ♦ Coordinator, Therapist and Head Pedagogue at Association Creciendo Yaiza
- ♦ Degree in Pedagogy from the University of La Laguna
- ♦ Master's Degree in Intervention in Learning Difficulties by ISEP University
- ♦ Member of the Lanzarote Delegation of the Canary Islands Institute of High Capacities

Mr. Hernández Calvín, Francisco Javier

- ♦ Specialist in Psychopedagogy and High Capacities
- ♦ Manager of Neurosynchrony (Alicante)
- ♦ Judicial Expert in the International Institute of High Capacities of the Community of Valencia
- ♦ Degree in Psychopedagogy from ULPGC
- ♦ Degree in Primary Education from the Autonomous University of Las Palmas de 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 undergraduate 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



04

Structure and Content

This program has been designed by teachers specialized in the area of Pedagogy of High-Capacity Individuals to offer the best content to the student. Theoretical and practical material has been developed based on the Relearning methodology, with 1 teaching module that includes the most relevant and updated aspects regarding the role of the teacher beyond the transmission of knowledge, the organization of the syllabus and High-Capacity Individuals, as well as the explanatory theories of High Capacities. All this, through TECH's virtual platform that offers comfort, security and quality in every hour of study.



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Take advantage of this unique opportunity to expand your professional profile with the most updated contents in High Capacities pedagogy. You will study 100% online at your own pace"

Module 1. Educational Paradigm and Pedagogical Framework of High-Capacity Individuals

- 1.1. Emerging Educational Paradigm: Toward the Education We Need
 - 1.1.1. Teacher Role beyond Transmitting Knowledge
 - 1.1.2. Student Role in the New Learning Context
- 1.2. Attention to Diversity in Our Pedagogic-Legal Framework
 - 1.2.1. LOE-LOMCE
 - 1.2.2. International Treaties
- 1.3. Organizing the Curriculum and High-Capacity Individuals
 - 1.3.1. Educational Plans and Projects
 - 1.3.2. Organizing the Curriculum and the Classroom
 - 1.3.3. Orientation and Guidance Teams
- 1.4. The Evolution of the Concept of Intelligence
 - 1.4.1. Factorial and Multifactorial Models
 - 1.4.2. Synthesis Models and Capacity Studies
 - 1.4.3. From Psychometric Theories to the Information Processing Model
 - 1.4.4. Computational Model
 - 1.4.5. Models Based on Neuroscience: Human Connectome
- 1.5. Explanatory Theories on High-Capacity Individuals
 - 1.5.1. Scientific Basis
 - 1.5.2. Renzulli's Theory
 - 1.5.3. Gagné's Theory
 - 1.5.4. Theories on Intelligence
 - 1.5.5. Evolutionary Models
 - 1.5.6. Multiple intelligences
- 1.6. Educational Paradigm and Pedagogic-Scientific Framework Concerning High-Capacity Individuals
 - 1.6.1. Definition and History of the Biopsychosocial Model
 - 1.6.2. Some Sociocultural Models that Explain High Capacities
 - 1.6.3. The Biopsychosocial Model: the Integrative Model
 - 1.6.4. Scientific Framework of High-Capacity Individuals
 - 1.6.5. High Capacities from a Pedagogical Perspective





- 1.7. Multidisciplinary Evolution
 - 1.7.1. Attention to Diversity: Detection, Evaluation and Diagnosis
 - 1.7.2. Psychopedagogical Evaluation
 - 1.7.3. Psychopedagogical Evaluation in High Intellectual Capacities
 - 1.7.4. Multidisciplinary Evolution
- 1.8. Specific Educational Needs and Teacher Training
 - 1.8.1. The Concept of Educational Needs: Origin and Historical Evolution
 - 1.8.2. Specific Educational Needs; Regulations on SEN
 - 1.8.3. Definition and Classification of Specific Educational Needs
 - 1.8.4. Characteristics of SEN
 - 1.8.5. Training-teaching Needs and Educational Response to the ASDN.
- 1.9. The Challenge of the 21st Century School Regarding High-Capacity Individuals
 - 1.9.1. Brief Historical Review
 - 1.9.2. A Plural and Democratic Society
 - 1.9.3. The Challenges of 21st Century Education in Terms of Diversity
 - 1.9.4. The Educational Challenges of the 21st Century in terms of the High Intellectual Capacities
 - 1.9.5. Skill-based Learning in Students with High Intellectual Capacities



You will be able to choose from where, how and when to study a full course load developed with the latest technology"

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 Pedagogy of 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.



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

This program will allow you to obtain your **Postgraduate Certificate in Pedagogy of 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** title 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 Pedagogy of 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 language
virtual classroom



Postgraduate Certificate Pedagogy of High-Capacity Individuals

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Postgraduate Certificate

Pedagogy of High-Capacity Individuals

