

# Postgraduate Certificate

Identification of High  
Capacity Individuals





## Postgraduate Certificate Identification of 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/pk/education/postgraduate-certificate/identification-high-capacity-individuals](http://www.techtitute.com/pk/education/postgraduate-certificate/identification-high-capacity-individuals)

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# 01

# Introduction

Identification of High Capacity Individuals is a complex process that requires a careful and thorough assessment of the characteristics and needs of students with superior intellectual abilities. That is why teachers must have specific knowledge and tools to accurately identify these students and provide them with the appropriate support. Faced with this demand, TECH has developed a 100% online program, which gives professionals the freedom to synchronize their daily responsibilities with their continuing education, since they will not be limited by pre-established schedules.







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*Thanks to TECH, gain fundamental knowledge about the tools for individual and group identification of High Abilities in your students"*

The identification of High Capacities requires a multidimensional approach that combines different methods of analysis and observation in the classroom. This makes it possible to effectively recognize and support students with superior intellectual abilities, ensuring that they receive an education adapted to their needs and potential.

One of the most common techniques used in this recognition is the psycho-pedagogical assessment. This assessment involves the application of standardized tests that measure academic performance, IQ, specific skills, and the student's learning profile. Classroom observation is another valuable method, as teachers are able to closely observe performance and behavior to detect characteristics such as rapid information processing, advanced abstract thinking, strong problem-solving ability, remarkable intellectual curiosity.

In this sense, it is important for the teacher to keep up to date on the categorization procedures for learners with outstanding competencies, so that they can recognize and adequately serve these learners. This will make it possible to create a stimulating and challenging educational environment adapted to their needs, providing them with the opportunities to learn.

Consistent with the above, TECH has developed a program in Identification of High Capacity Individuals, with the purpose of equipping educators with the most up-to-date knowledge in the techniques of evaluation and detection of students with higher faculties. This program incorporates the Relearning methodology and, additionally, will be taught in a 100% online format. It also gives the participant the opportunity to access the contents at any time and place, since only an electronic device with Internet access is needed.

This **Postgraduate Certificate in Identification of 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, compile 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



*Explore in depth the history and legislation related to High Abilities through this exclusive program offered only by TECH"*

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*With this 100% online program, you will become a specialist in the psycho-pedagogical assessment model”*

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 the professional must try to solve the different professional practice situations that arise during the academic year. For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced experts.

*Discover a variety of psychometric assessment tools and delve into the cognitive abilities of your students.*

*Delve into the study of the personality and behavior of students with High Abilities and master qualitative assessment techniques.*





# 02

# Objectives

The main objective of this program is to train the educator with the latest assessment and recognition techniques used in the academic field. In this way, the teacher will be prepared to detect students with High Abilities and acquire the necessary knowledge and resources to understand their educational needs. Likewise, they will be able to provide a stimulating learning environment adjusted to their particular abilities.







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*Expand your knowledge in multidisciplinary assessment and clinical diagnosis, providing comprehensive support to your students with superior intellectual abilities”*



## General Objectives

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- ♦ Learn 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 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 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 central and useful element in the educational process
- ♦ Awaken in our 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

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- ♦ Describe the evolution of the concept of intelligence through different models and theories
- ♦ Critically analyze the definitions of intelligence that have emerged throughout history
- ♦ Justify the current definitions of human intelligence
- ♦ Know the current definitions of high-capacity individuals
- ♦ Review the educational changes and the direction taken by education in our legislative framework
- ♦ Critically analyze the actions of the different educational administrations in a-capacity individuals
- ♦ Know the differential cortical development of high-capacity individuals both at a structural and functional level
- ♦ Analyze the differential diagnosis model as a basis for any type of intervention

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*With the top-quality didactic tools provided by TECH, you will be able to effectively identify and address the various disorders and comorbidities associated with High Abilities”*



03

# Course Management

This program has brought together a group of teachers who are experts in the field of High Abilities. These professionals are recognized for their extensive experience and trajectory in the educational field. Therefore, by being part of this program, students can be fully confident in acquiring the knowledge required to progress in their professional development, under the tutelage of experts in this field.







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*You will have access to the most prestigious teaching staff and the most complete syllabus on the market, which will allow you to discover the best intervention practices and educational measures for students with High Abilities”*

## 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 Centro de Estudios Audiológicos y Logopedia (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

### 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 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 Las Palmas 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
- ♦ Master's Degree in Emotional Intelligence Specialist in NLP Practitioner

### Mr. Gris Ramos, 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 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

**Mr. Aznar Rodríguez, Francisco Javier**

- ♦ Specialist in Psychopedagogy and High Abilities
- ♦ Manager of Neurosynchrony (Alicante)
- ♦ Judicial Expert in the International Institute of High Abilities of the Community of Valencia
- ♦ Degree in Psychopedagogy from ULPGC
- ♦ Degree in Primary Education from the Autonomous University of Gran Canaria (ULPGC)
- ♦ Master's Degree in High Capacity from the CEU Cardenal Herrera University

**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 abilities and of the Clinical Practice Guide in Primary Care
- ♦ Participation in various forums, congresses and conferences related to high abilities

**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







**Ms. Pérez Santana, Lirian Ivana**

- ♦ Psychologist Specialized in High Intellectual Abilities
- ♦ 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. Herrera Franquis, María del Carmen**

- ♦ Director of the Canary Islands Psychological Center
- ♦ Director of the Canary Islands Institute of High-Capacity Individuals in Tenerife
- ♦ Professor 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

The syllabus included in this program compiles the most relevant aspects in the field of Detection of High Abilities. In this way, the educator will enjoy a learning process that will delve into aspects such as individual and group identification of outstanding intellectual abilities, the psycho-pedagogical evaluation approach, and family models and their impact on the development of special aptitudes. To achieve this, TECH offers a variety of multimedia resources, such as specialized readings, which will be available to the participant at any time and place, since only a device with Internet access is needed.





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*With the Relearning method, you will be able to save hours of study and concentrate efficiently on the most relevant concepts, avoiding wasting time unnecessarily"*

## Module 1. Identification of High-Capacity Individuals

- 1.1. Group and Individual Detection: Tools
  - 1.1.1. Legislative section
  - 1.1.2. Historical Approach
  - 1.1.3. Individual and group detection of High Abilities
  - 1.1.4. Tools for the Individual and group detection of High Abilities
- 1.2. Psychopedagogical Evaluation Models
  - 1.2.1. Psychopedagogical Evaluation Principles
  - 1.2.2. Measurement Validity and Reliability
- 1.3. Psychometric Assessment Tools
  - 1.3.1. Cognitive Aspects
  - 1.3.2. Performance and Aptitude Tests
  - 1.3.3. Complementary Tests
- 1.4. Qualitative Assessment Tools
  - 1.4.1. Personality Tests
  - 1.4.2. Motivation Tests
  - 1.4.3. Behavior Tests
  - 1.4.4. Self-concept Tests
  - 1.4.5. Adaptation and Socialization Tests
  - 1.4.6. Projective Tests
- 1.5. Multidisciplinary Assessment and Clinical Diagnosis
  - 1.5.1. Educator and Teacher Contributions
  - 1.5.2. Specialist Psycho-pedagogue Contributions
  - 1.5.3. Clinician and Physician Contributions
  - 1.5.4. Asynchronous Neurodevelopment
- 1.6. Comorbidities
  - 1.6.1. Asperger's Syndrome
  - 1.6.2. Double Exceptionality
  - 1.6.3. Attention Deficit Disorder with or without Hyperactivity
  - 1.6.4. Personality Disorders
  - 1.6.5. Eating Disorders
  - 1.6.6. Learning Difficulties







- 1.7. Personal Treatment
  - 1.7.1. Trauma Intervention
  - 1.7.2. Educational measures for students with High Abilities
  - 1.7.3. Principles and guidelines to be taken into account by teachers
  - 1.7.4. Tutorial Action
  - 1.7.5. Supervision and evaluation of the measures carried out
- 1.8. Response to the family's demand
  - 1.8.1. The Family as a Socializing Agent
  - 1.8.2. High Abilities and main characteristics of this student body
  - 1.8.3. Role of Parents
  - 1.8.4. Family models and their influence on the development of High Abilities
  - 1.8.5. Main concerns of family members
  - 1.8.6. Myths and Reality about high-capacity individuals
  - 1.8.7. Strategy for Families
- 1.9. Guidelines for Educational Response
  - 1.9.1. Major changes in the school
  - 1.9.2. Educational Response



*You will lead the work of supporting families of students with Outstanding Abilities and strengthen collaboration between home and school"*

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

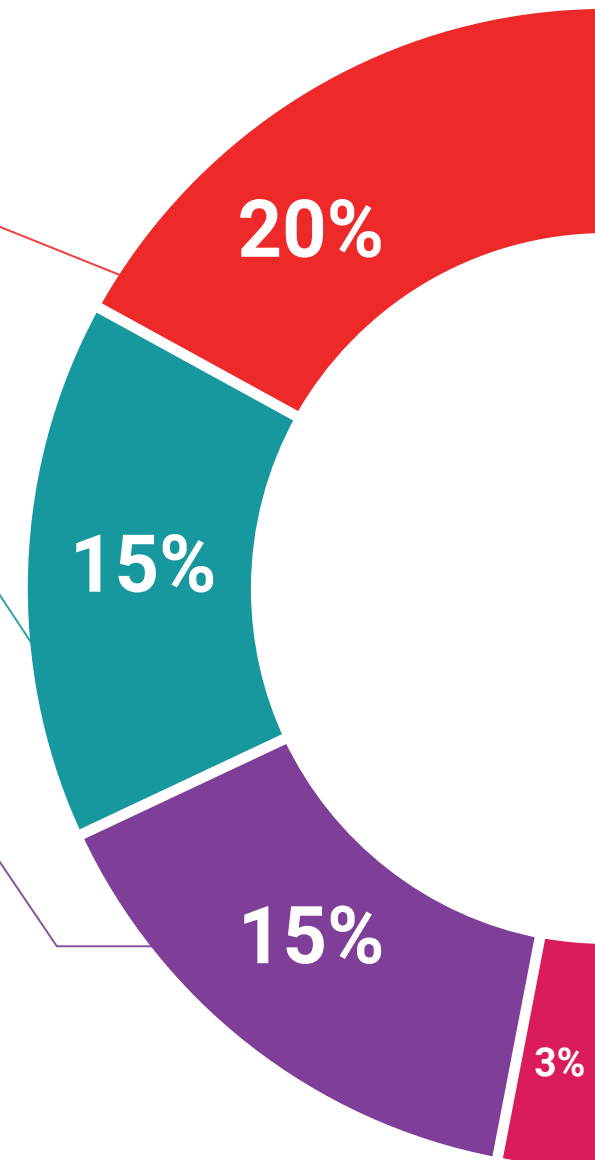
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

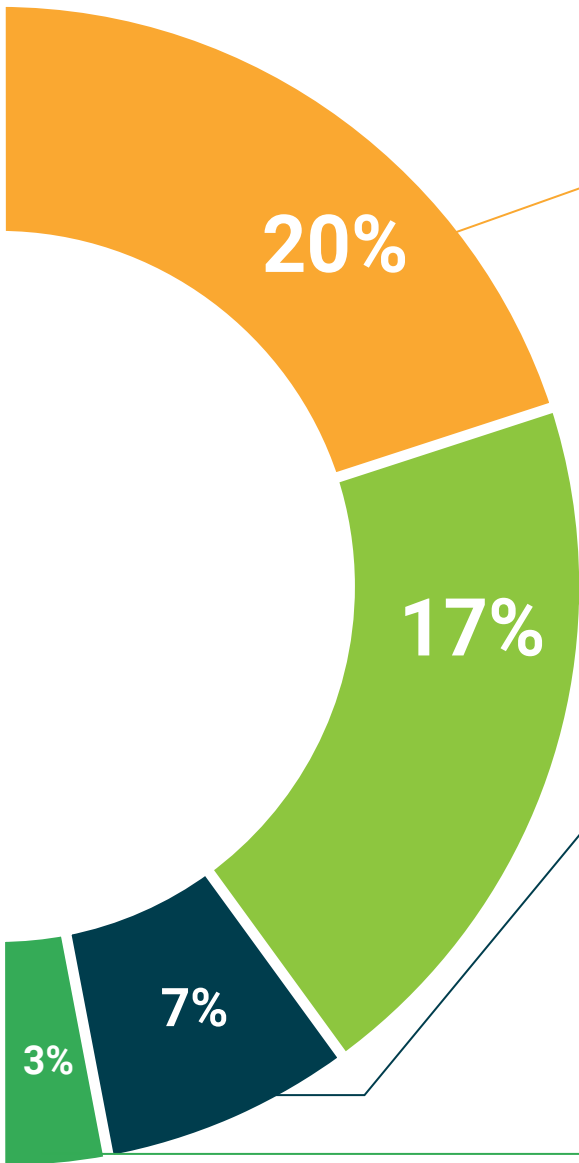
This exclusive multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".



#### 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 Identification 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 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 Identification of 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 Identification of High Capacity Individuals**

Official N° of Hours: **100 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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### Identification of High Capacity Individuals

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