

# Postgraduate Certificate

## Cognitive Deficits



## Postgraduate Certificate Cognitive Deficits

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

Website: [www.techtute.com/us/medicine/postgraduate-certificate-cognitive-deficits](http://www.techtute.com/us/medicine/postgraduate-certificate-cognitive-deficits)

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# 01

# Introduction

Cerebrovascular accidents (ACV) or head injuries (TCE) are often the cause of cognitive impairment that affects memory, language or thought, sometimes seriously affecting daily life of the patient who has suffered it. Scientific progress in the diagnosis and treatment of this type of disorder requires, in turn, highly qualified and constantly updated medical professionals. To answer to this need, this 100% online program was born, taught by a specialized teaching team with extensive experience in the study and intervention in patients with cognitive deficits.





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*Advances in diagnosis and evaluation of patients  
with Cognitive Deficits require updated professionals.  
TECH now gives you that opportunity”*

The deterioration is more evident in the population that has reached old age, although it can also be found in adults with Cognitive Deficits derived from other causes. Prevention has been promoted in recent years as a measure to extend people's quality of life for a longer time. However, studies continue to be carried out that delve into the evaluation and diagnosis of patients to provide the most exact knowledge, which allows it to be treated adequately. This Postgraduate Certificate delves into Cognitive Deficits through a syllabus with exhaustive content provided by an expert teaching team in this field.

Thus, medical professionals who seek an update of knowledge in this area will have syllabus that will allow them to deepen what they know in a multidisciplinary way in the different pathologies of attention and memory, in its characteristics and symptomatology, in the evaluation and diagnostic techniques that are obtaining the best results. Likewise, this program will allow professionals to delve into the different types of Apraxias and Agnosias, as well as their treatments and clinical management. All of the above, with educational material in which the latest educational technology and simulations of real cases are used, which will be of great direct application in their usual practice.

An opportunity that TECH offers to medical professionals who wish to recycle their knowledge comfortably, whenever and wherever they want. To do this, they only require a computer, *Tablet* or mobile with which to connect and access all the syllabus that makes up this Postgraduate Certificate. This will allow you to distribute the workload according to your needs and to combine your responsibilities with an education that follows current educational trends. Likewise, the *Relearning* system, used by this institution in all its programs, will allow students to reduce the long study hours so common to other methods.

This **Postgraduate Certificate in Cognitive Deficits** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ The development of practical cases presented by experts in Psychology and Pedagogy
- ♦ 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 for 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



*A 100% online program with which you will be able to improve your service from home or from your office, guaranteeing your patients a service based on the latest evidence of Psychology"*

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*A 100% online program where you will recycle your knowledge in apraxias and dysexecutive syndrome in a theoretical-practical way”*

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

Its 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 an immersive education designed to learn in real situations.

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

*Delves into deficit in social cognition, its characteristics, symptoms, evaluation and diagnosis.*

*Delve into agnosias with innovative multimedia content that is in keeping with current times.*



# 02 Objectives

This Postgraduate Certificate has been prepared with the main objective of offering the medical professional the most recent content in the field of study and analysis of Cognitive Deficits. Therefore, and through a concise syllabus, students will be able to delve into the different Cognitive Deficits and their classification, in addition to the evaluation and diagnosis of the different existing pathologies, throughout the 150 teaching hours of this program. The teachers that integrate this program will be in charge of accompanying the students in the development of this instruction to achieve their goals.





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*An educational experience that will  
allow you to delve into the symptoms  
of Cognitive Deficits”*



## General Objectives

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- ♦ Develop a broad and up-to-date knowledge on the latest developments related to Cognitive Deficits
- ♦ Know in detail the most recent scientific evidence on apraxias and agnosias, as well as other cognitive deficits







## Specific Objectives

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- ◆ Know and contextualize the different cognitive deficiencies
- ◆ Classify the cognitive deficiencies according to their symptoms



*Whatever the reasons that have brought you here, TECH hopes that you will consider this a unique opportunity to update your knowledge and bring you up to date on all things related to Cognitive Deficits"*

03

# Course Management

TECH is continually committed to academic excellence. For this reason, each of its programs has teaching teams of the highest reputation. These experts have extensive experience in their professional fields and, at the same time, have achieved significant results with their empirical research and fieldwork. In addition, these specialists play a leading role within the university qualification, as they are in charge of selecting the most up-to-date and innovative content to be included in the syllabus. In addition, they participate in the elaboration of numerous multimedia resources of high pedagogical rigor.





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

## International guest conductor

Dr. Steven P. Woods is a leading neuropsychologist, internationally recognized for his outstanding contributions to improving clinical detection, prediction and treatment of real-world health outcomes in diverse neuropsychological populations. He has forged an exceptional career path, which has led him to publish over 300 articles and serve on editorial boards in 5 major Clinical Neuropsychology journals.

His excellent scientific and clinical work focuses primarily on the ways in which cognition can hinder and support daily activities, health and well-being in adults with chronic medical conditions. Other areas of scientific relevance, for this expert, also include health literacy, apathy, intra-individual variability and internet navigation skills. His research projects are funded by the National Institute of Mental Health (NIMH) and the National Institute on Drug Abuse (NIDA).

In this regard, Dr. Woods' research approach explores the application of theoretical models to elucidate the role of neurocognitive deficits (e.g., memory) in everyday functioning and health literacy in people affected by HIV and aging. In this way, his interest focuses, for example, on how people's ability to "Remember to Remember", the so-called prospective memory, influences health-related behaviors, such as medication adherence. This multidisciplinary approach is reflected in his groundbreaking research, available on Google Scholar and ResearchGate.

He has also founded the Clinical Neuropsychology Service at Thomas Street Health Center, where he holds a senior position as Director. Here, Dr. Woods provides Clinical Neuropsychology services to people affected by HIV, providing critical support to communities in need and reaffirming his commitment to the practical application of his research to improve lives.



## Dr. Woods, Steven P

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- Founder and Director of the Clinical Neuropsychology Service at the Thomas Street Health Center
- Collaborator in the Department of Psychology, University of Houston
- Associate Editor at Neuropsychology and The Clinical Neuropsychologist
- Ph.D. in Clinical Psychology, with a specialization in Neuropsychology, Norfolk State University
- B.S. in Psychology, Portland State University
- Member of:
  - National Academy of Neuropsychology
  - American Psychological Association (Division 40, Society for Clinical Neuropsychology)

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*Thanks to TECH, you will be able to learn with the best professionals in the world”*



# 04

## Structure and Content

TECH has implemented a system in all its degrees the *Relearning* system, that facilitates the progression in the Postgraduate Certificate in a more natural way for the students, also allows them to reduce the hours of study. A facility that complements an innovative teaching material and that has the latest technology applied in education. All of this will allow the medical professional to delve into Cognitive Deficits and achieve updating in this field in a much more dynamic and enjoyable way. Likewise, the specialized readings and the simulations of clinical cases represent a plus of content with which you can extend the agenda of this program.





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*During 6 weeks you will be able  
to comfortably update all your  
knowledge about Cognitive Deficits”*

## Module 1. Cognitive Deficiencies

- 1.1. Attention Pathology
  - 1.1.1. Main Attention Pathologies
  - 1.1.2. Characteristics and Symptomology
  - 1.1.3. Assessment and Diagnosis
- 1.2. Memory Pathology
  - 1.2.1. Main Memory Pathologies
  - 1.2.2. Characteristics and Symptomology
  - 1.2.3. Assessment and Diagnosis
- 1.3. Dysexecutive Syndrome
  - 1.3.1. What is Dysexecutive Syndrome?
  - 1.3.2. Characteristics and Symptomology
  - 1.3.3. Assessment and Diagnosis
- 1.4. Apraxias I
  - 1.4.1. Concept of Apraxia
  - 1.4.2. Main Modalities
    - 1.4.2.1. Ideomotor Apraxia
    - 1.4.2.2. Ideational Apraxia
    - 1.4.2.3. Constructional Apraxia
    - 1.4.2.4. Clothing Apraxia
- 1.5. Apraxias II
  - 1.5.1. Gait Apraxia
  - 1.5.2. Apraxia of Speech or Phonation
  - 1.5.3. Optical Apraxia
  - 1.5.4. Callosal Apraxia
  - 1.5.5. Examination of the Apraxias
    - 1.5.5.1. Neuropsychological Assessment
    - 1.5.5.2. Cognitive Rehabilitation





- 1.6. Agnosias I
  - 1.6.1. Concept of Agnosias
  - 1.6.2. Visual Agnosias
    - 1.6.2.1. Agnosia for Objects
    - 1.6.2.2. Simultanagnosia
    - 1.6.2.3. Prosopagnosia
    - 1.6.2.4. Chromatic Agnosia
    - 1.6.2.5. Others
  - 1.6.3. Auditory Agnosias
    - 1.6.3.1. Amusia
    - 1.6.3.2. Agnosia for Sounds
    - 1.6.3.3. Verbal Agnosia
  - 1.6.4. Somatosensory Agnosias
    - 1.6.4.1. Astereognosia
    - 1.6.4.2. Tactile Agnosia
- 1.7. Agnosias II
  - 1.7.1. Olfactory Agnosias
  - 1.7.2. Agnosia in Diseases
    - 1.7.2.1. Anosognosia
    - 1.7.2.2. Asomatognosia
  - 1.7.3. Assessment of Agnosias
  - 1.7.4. Cognitive Rehabilitation
- 1.8. Social Cognition Deficit
  - 1.8.1. Introduction to Social Cognition
  - 1.8.2. Characteristics and Symptomology
  - 1.8.3. Assessment and Diagnosis
- 1.9. Autism Spectrum Disorders
  - 1.9.1. Introduction
  - 1.9.2. ASD Diagnosis
  - 1.9.3. Cognitive and Neuropsychological Profile Associated with ASD



# 05 Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



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*TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”*

## The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

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*At TECH you will NOT have live classes  
(which you might not be able to attend)”*





### The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

## Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



## Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

*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.*



## A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



*The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule”*

### The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
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.



### The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

*Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.*

*You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.*



As such, the best educational materials, thoroughly prepared, will be available in this program:



#### 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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



#### Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



#### Interactive Summaries

We present 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".

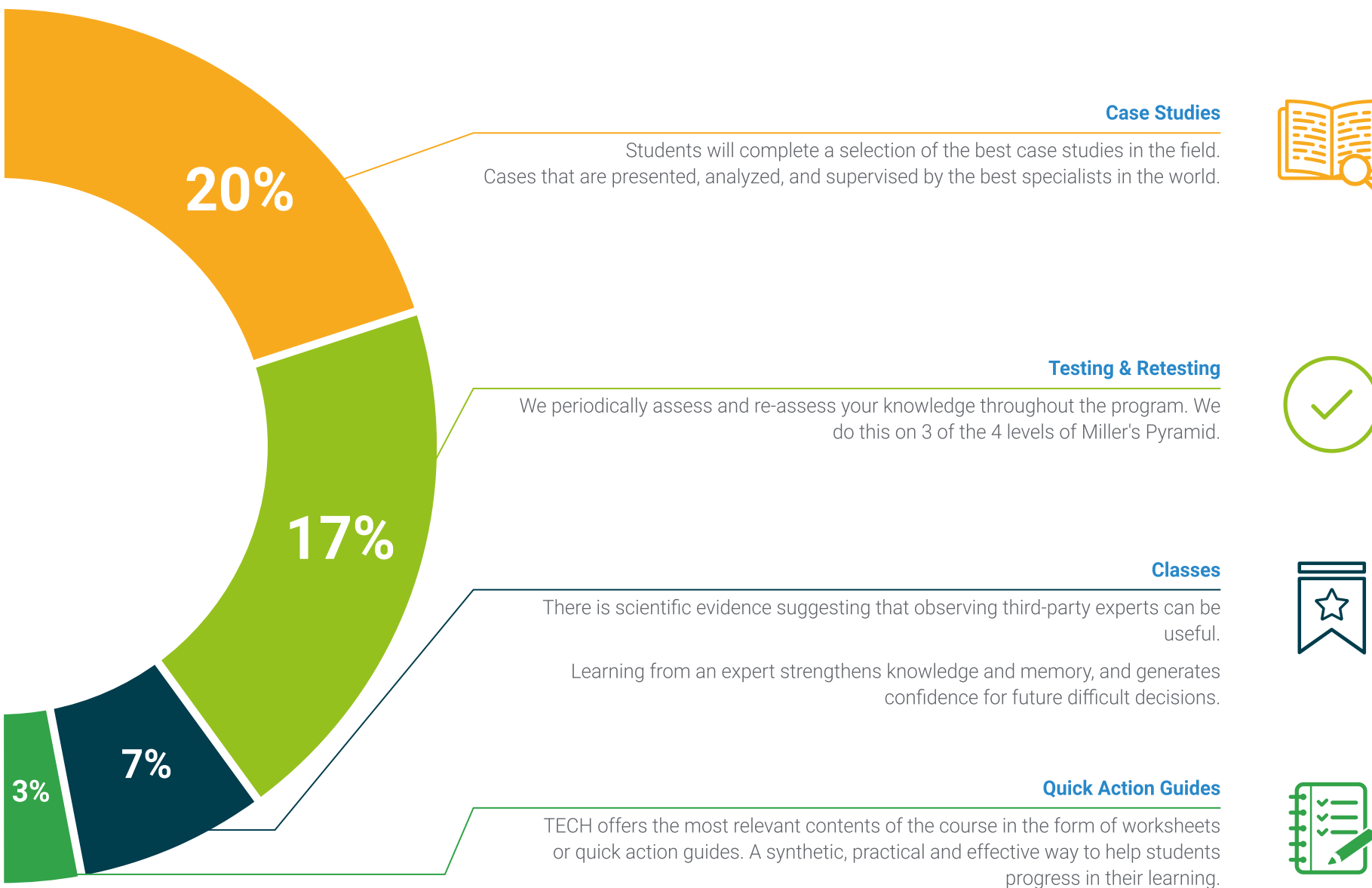


#### Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.







# 06 Certificate

The Postgraduate Certificate in Cognitive Deficits 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 private qualification will allow you to obtain a **Postgraduate Certificate in Cognitive Deficits** 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.

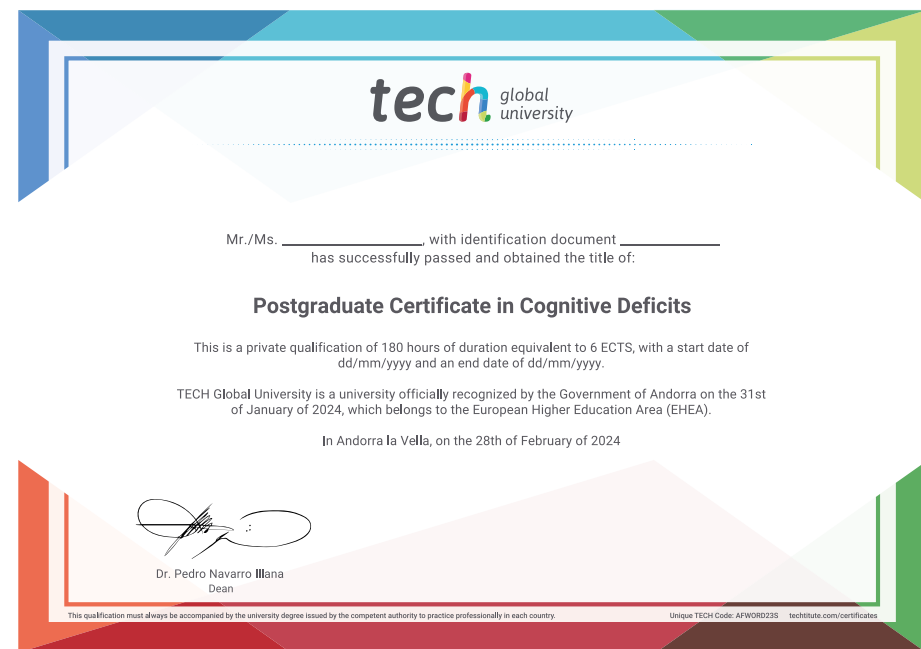
This **TECH Global University** private qualification is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Cognitive Deficits**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present quality  
development languages  
virtual classroom



## Postgraduate Certificate Cognitive Deficits

- » Modality: online
- » Duration: 6 weeks
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- » Schedule: at your own pace
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