

# Postgraduate Certificate Neuropsychological Assessment and Rehabilitation Techniques



## Postgraduate Certificate Neuropsychological Assessment and Rehabilitation Techniques

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/us/education/postgraduate-certificate/neuropsychological-assessment-rehabilitation-techniques](http://www.techtitute.com/us/education/postgraduate-certificate/neuropsychological-assessment-rehabilitation-techniques)

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# 01

# Introduction

Lack of attention, memory or language are just some of the difficulties that teaching professionals may encounter among their students. These are learning barriers that, thanks to scientific studies and recent advances, have led to extensive improvements in assessment techniques and the application of the consequent intervention strategies. This program, taught 100% online, provides students with a multidisciplinary teaching provided by a specialized teaching staff with extensive experience in neuropsychology. All this, in addition to a didactic material in which the latest technology applied to academic teaching has been used.







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*A university qualification with which you will be able to grow professionally under the guidance of a faculty specialized in Neuropsychology”*

The different assessment and rehabilitation strategies used today are the result of decades of hard research in neuropsychology. Thanks to these advances, people suffering from attention deficits or problems related to executive functions have been able to improve their quality of life. Throughout their professional career, teachers may encounter students with learning difficulties, especially in adulthood, due to cognitive impairment.

This Postgraduate Certificate provides students with an exclusive online teaching method in which they can delve in just 6 weeks in the main tools used for people who suffer from attention deficits, memory problems, language or suffer from some kind of praxias or gnosias. All this will be possible thanks to the multimedia content provided by the specialized teaching staff that teaches this program.

This program will also allow students to learn about *Biofeedback* intervention techniques, its use in the treatment of certain disorders, and transcranial magnetic stimulation (TMS). The simulations of clinical cases provided by the specialists that integrate this program will contribute to the professional's approach to real situations of patients with cognitive diseases.

The professional is faced with an intensive and flexible Postgraduate Certificate, since TECH offers the possibility of taking it completely online, without fixed schedules. Students will only need an electronic device to access the complete syllabus of this program, whenever and wherever they wish. In this way, students will be able to distribute the teaching load according to their needs and make their professional careers compatible with their work and/or personal responsibilities. An academic format of 150 teaching hours that the professional will be able to develop in a comfortable way, thus contributing to their career progress.

This **Postgraduate Certificate in Neuropsychological Assessment and Rehabilitation Techniques** contains the most complete and up-to-date program on the market. The most important features include:

- ♦ Practical cases presented by experts in Psychology
- ♦ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ Practical exercises where the self-assessment process can be carried out to improve learning
- ♦ Its special emphasis on innovative methodologies
- ♦ Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- ♦ Content that is accessible from any fixed or portable device with an Internet connection



*In just 6 months, you will internalize the key concepts of restorative, compensatory and mixed strategies"*

“

*An academic option in which you will acquire an exhaustive learning of the techniques that use biofeedback”*

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.

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 student will be assisted by an innovative interactive video system created by renowned and experienced experts.

*TECH provides you with a flexible program where you can distribute the course load according to your needs.*

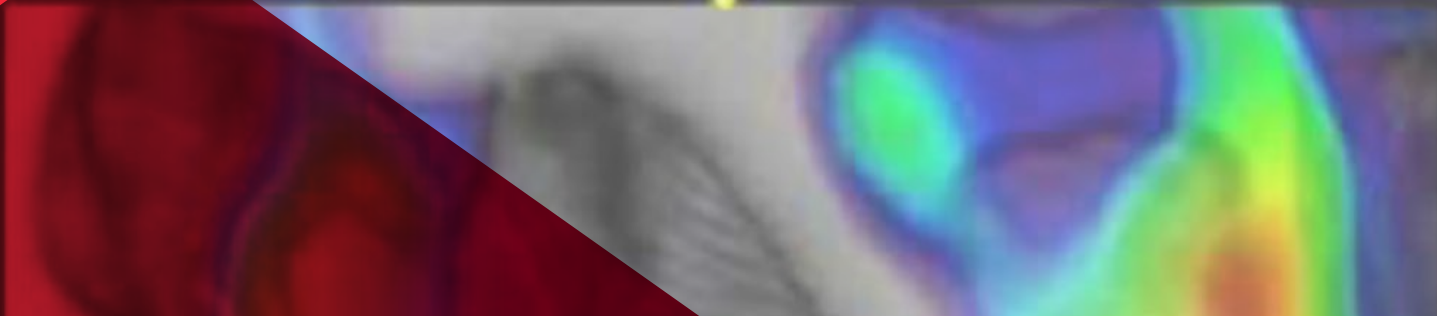
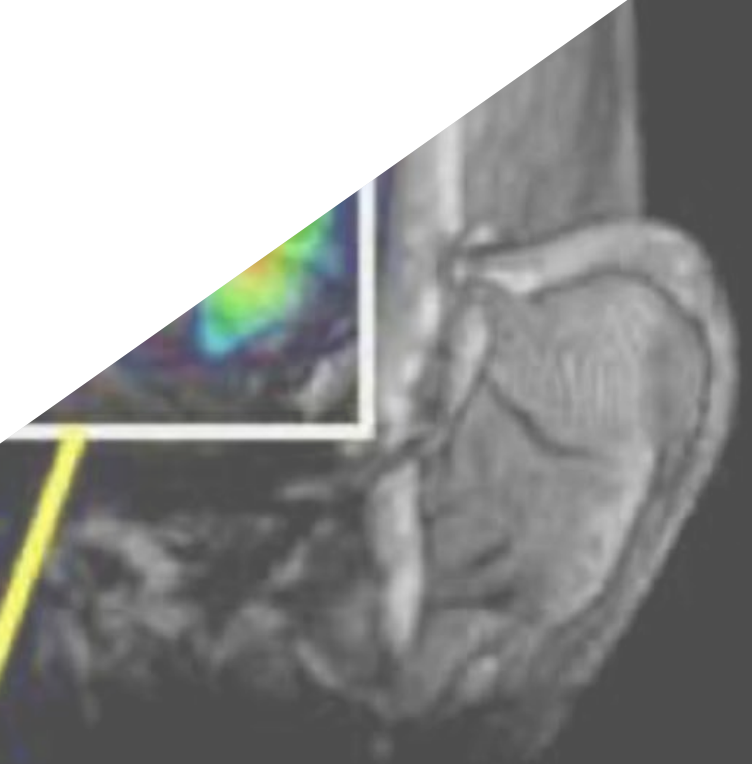
*A university qualification that will show you how to help patients with neurological problems.*



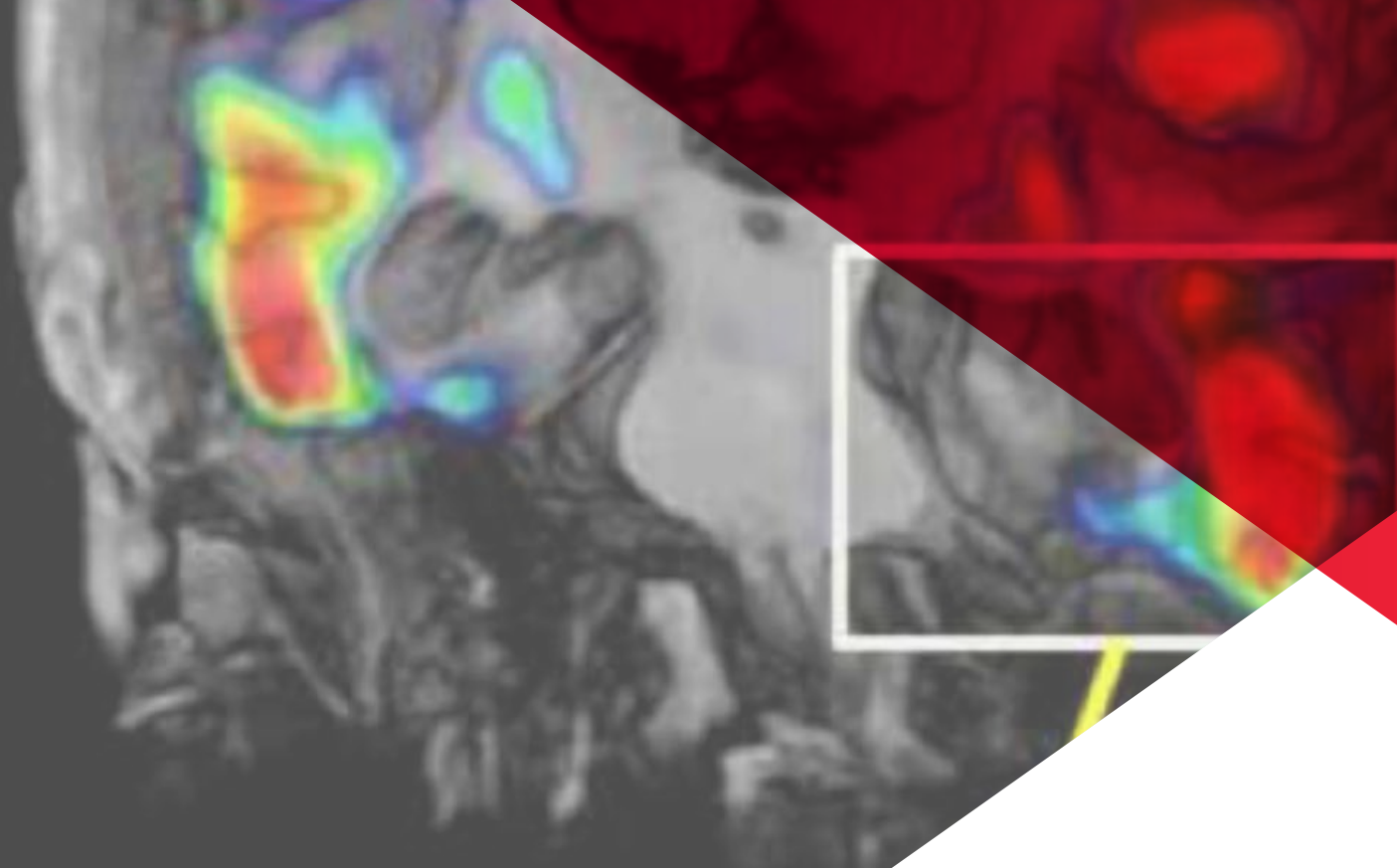
# 02

# Objectives

The main objective of this program in Neuropsychological Assessment and Rehabilitation Techniques is to provide students with all the academic tools available so that they can progress in their professional career by delving into the different assessment and rehabilitation strategies used in neuropsychology. For this purpose, it will also have a faculty that will guide students throughout the course of this program to achieve their goals.







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*You will achieve your objectives thanks to a specialized teaching team that will accompany you in the development of this program”*



## General Objectives

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- ♦ Develop a specialized and up-to-date knowledge of the latest developments related to Neuropsychological Rehabilitation and its assessment strategies
- ♦ Handle the diagnostic tools that are currently having the best results





## Specific Objectives

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- Know the basics of neuropsychological assessment and rehabilitation
- Know the different assessment tools that exist within neuropsychology
- Know the different techniques in neuropsychological rehabilitation

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*In this online program, you will learn about the different evaluation techniques used in neuropsychology”*



# 03

## Structure and Content

This program has been developed by an expert teaching team in clinical neuropsychology, which transmits in this program its extensive knowledge in this field. Through innovative content, the teaching professional will acquire an exhaustive knowledge of the key concepts of evaluation and rehabilitation in attention, memory, language or executive functions. In addition, with a theoretical-practical approach, they will be able to delve into the main instruments currently used. The *Relearning* system will also favor the progression of students in a more natural and agile way in this teaching.





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*A multimedia content that brings dynamism to an advanced program on the main instruments in praxias"*



## Module 1. Neuropsychological Assessment and Rehabilitation

- 1.1. Assessment of Attention and Memory
  - 1.1.1. Introduction to the Assessment of Attention and Memory
  - 1.1.2. Main Instruments
- 1.2. Language Evaluation
  - 1.2.1. Introduction to the Assessment of Language
  - 1.2.2. Main Instruments
- 1.3. Executive Functions Assessment
  - 1.3.1. Introduction to the Assessment of Executive Functions
  - 1.3.2. Main Instruments
- 1.4. Evaluation of Apraxia and Agnosia
  - 1.4.1. Introduction to the Assessment of Apraxia and Agnosia
  - 1.4.2. Main Instruments
- 1.5. Variables that Intervene in the Recovery of a Patient
  - 1.5.1. Risk Factors
  - 1.5.2. Protective Factors
- 1.6. Strategies: Restoration, Compensation and Mixed Strategies
  - 1.6.1. Restoration Strategies
  - 1.6.2. Compensation Strategies
  - 1.6.3. Mixed Strategies
- 1.7. Rehabilitation of Attention, Memory, Executive Functions and Agnosias
  - 1.7.1. Rehabilitation of Attention
  - 1.7.2. Rehabilitation of Memory
  - 1.7.3. Rehabilitation of Executive Functions
  - 1.7.4. Rehabilitation of Agnosias





- 1.8. Adapting to the Environment and External Support
  - 1.8.1. Adapting the Environment to Meet the Constraints
  - 1.8.2. How to Help the Patient in an External Way?
- 1.9. *Biofeedback* Techniques as Intervention
  - 1.9.1. *Biofeedback*: Definition and Basic Concepts
  - 1.9.2. Techniques that Use *Biofeedback*
  - 1.9.3. *Biofeedback* as an Intervention Method in Health Psychology
  - 1.9.4. Evidence on the Use of *Biofeedback* in the Treatment of Certain Disorders
- 1.10. Transcranial Magnetic Stimulation (TMS) as an Intervention
  - 1.10.1. Transcranial Magnetic Stimulation: Definition and Basic Concepts
  - 1.10.2. Functional Areas Considered Therapeutic Targets of Transcranial Magnetic Stimulation
  - 1.10.3. Results of Intervention through TMS in Health Psychology

“ A university qualification that will allow you to learn about the most commonly used rehabilitation techniques for agnosias or people with lack of attention”

04

# 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.





05

# Certificate

The Postgraduate Certificate in Neuropsychological Assessment and Rehabilitation Techniques 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 Neuropsychological Assessment and Rehabilitation Techniques** 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 diploma 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 Neuropsychological Assessment and Rehabilitation Techniques**

Official N° of Hours: **150 h.**



\*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.



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