

# Postgraduate Certificate

## Neuropsychological Assessment and Rehabilitation Techniques



## Postgraduate Certificate

### Neuropsychological Assessment and Rehabilitation Techniques

- » 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/neuropsychological-assessment-rehabilitation-techniques](http://www.techtute.com/us/psychology/postgraduate-certificate/neuropsychological-assessment-rehabilitation-techniques)

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# 01

# Introduction

For the specialist in Neuropsychology, knowing how to effectively and concisely detect the discriminatory characteristics of a patient with a condition or disease that alters their correct cognitive and intellectual development is essential in order to be able to apply the most effective methods for their rehabilitation and psychological treatment. Based on this, and with the aim of enabling professionals to work on updating their knowledge in this area, this program was created. Thanks to it and the resources and materials that have been used for its composition, the student will be able to get up to date in the methods of assessment and therapeutic recovery of patients with attention deficits, memory deficits, executive functions and agnosia through a 100% online program, adapted to the profession and its educational needs.





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*The exhaustive design of this Postgraduate Certificate makes it the best option in the educational market to update your knowledge on Neuropsychological Rehabilitation"*

Neuropsychology and its assessment and rehabilitation strategies have made great strides in recent years, allowing professionals in this sector to implement increasingly effective therapeutic strategies and techniques specialized in the characteristics of each patient. Thanks to this, today thousands of people suffering from attention deficits, problems related to memory or executive functions, among others, can work with these specialists to improve their diagnosis, as well as their quality of life.

However, for this to be carried out successfully, the professional must handle the latest psychological tools, based on the latest research that has been conducted in this field. In order to achieve this goal in just 6 weeks, TECH Global University has designed this Postgraduate Certificate. It is an intensive and dynamic program with which the graduate will be able to work on updating their knowledge, as well as improving their professional skills and competencies in the clinical management of patients with neuropsychological disorders. In this way, you will be able to learn in detail the latest developments related to the variables involved in the recovery process, as well as in the adaptation to the environment and the possible external aids with which you can work.

For this, you will have the support of the teaching team, experts in the area who have selected 180 hours of the best theoretical, practical and additional material. However, the strength of this program is undoubtedly the accessibility associated with its convenient 100% online format, thanks to which the professional will be able to keep up to date from anywhere and through any device with an Internet connection.

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



*You will have 180 hours of the best additional material to delve, among other aspects, into the variables involved in the patient's recovery"*

“*TECH is synonymous with, among other things, accessibility: you will be able to connect to the virtual classroom whenever you want and from any device with an internet connection*”

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

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide immersive education programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise throughout the program. For this purpose, students will be assisted by an innovative interactive video system developed by renowned experts.

*A perfect program to learn in detail the latest scientific evidence related to the assessment of attention and memory.*

*You will be able to implement in your daily life the restoration and compensation strategies that are currently showing the best results.*



# 02

# Objectives

This Postgraduate Certificate in Neuropsychological Assessment and Rehabilitation Techniques has been designed with the objective that the graduate will find in it a guide that will allow them to update themselves on the strategies and therapeutic techniques that are obtaining the best results in this field of psychology. For this purpose, they will have the best theoretical and practical material, distributed throughout 180 hours, with which, in less than 6 weeks, they will surpass their most ambitious expectations with total guarantee.





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*Meet your objectives and exceed your expectations with a qualification adapted to your needs and those of your sector with this Postgraduate Certificate"*



## General Objectives

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- ♦ Develop a specialized and up-to-date knowledge on 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



*You will complete the basic requirements in less time than you expect, and you can spend the rest of the remaining hours on the aspects of the syllabus that interest you most"*

# 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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*The teaching materials of this program, elaborated by these specialists, have contents that are completely applicable to your professional experiences”*

## International Guest Director

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

This Postgraduate Certificate has been designed by the teaching team, following the strict guidelines of quality and relevance that characterize TECH Global University, and using the latest information related to the Assessment and Rehabilitation in Neuropsychology. Thanks to this, and the use of the Relearning pedagogical methodology, it has been possible to create a dynamic, versatile and multidisciplinary program, perfect for the graduate to catch up without the need to invest additional hours. In addition, its convenient 100% online format makes it perfectly compatible with any other educational or professional activity.





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*Are you familiar with biofeedback techniques?  
With this program you will delve into them as an  
intervention strategy in Health Psychology and  
in the treatment of some disorders"*

## 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 the Intervention Through TMS in Health Psychology



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*Opt for a qualification that will guarantee you a successful professional development, as well as the improvement of the quality of your service”*

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 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 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 Neuropsychological Assessment and Rehabilitation Techniques** 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 Neuropsychological Assessment and Rehabilitation Techniques**

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  
online training  
development language  
virtual classroom

**tech** global  
university

**Postgraduate Certificate**  
Neuropsychological  
Assessment and  
Rehabilitation Techniques

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

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