Postgraduate Diploma

Neuropsychological Assessment and Rehabilitation

tech global university

Postgraduate Diploma
Neuropsychological Assessment and Rehabilitation

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Global University**
- » Credits: **18 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-neuropsychological-assessment-rehabilitation**

Index

01
Introduction

Advances in neuropsychology in recent years have allowed it to become a very useful tool for medical professionals, especially in primary care, as it provides important information about the patient's cognitive functioning. A relevance that has allowed, in turn, to provoke interest among professionals who want to be aware of the latest advances in this field. This 100% program was created from this need, which offers the most up-to-date and innovative agenda within the educational system.

TECH provides you with the most recent knowledge on Neuropsychological Assessment and Rehabilitation in a comfortable way"

The scientific development and the impulse that neuropsychology has had has allowed the that is carried out to have a high validity with results that equal and sometimes exceed the usefulness of medical tests. This has allowed this specialty to be used to treat patients with neurodegenerative diseases such as multiple or amyotrophic lateral sclerosis, Parkinson's or Alzheimer's. In order for the medical professional to update their knowledge, TECH presents this Postgraduate Diploma in Neuropsychological Assessment and Rehabilitation.

A program taught exclusively online by a specialized teaching team that will allow students to delve into the latest news on neurodegenerative diseases, the neuropsychological clinical approach to patients and the most effective drug treatments today. It is a flexible educcational option that allows the professional to delve into a syllabus with a theoretical-practical approach, while making quality teaching compatible with their work and/or personal responsibilities.

Therefore, during the 6 months this program lasts, professionals will be able to take advantage of their knowledge through didactic content that uses the latest technology in education and simulations of practical cases, which will put them in a position to face real clinical problems.

An excellent opportunity that TECH offers to all medical professionals who want to study comfortably for a university degree. To do this, you will only need an electronic device with an Internet connection to access the virtual platform where the entire syllabus is hosted from the very start, Video summaries, videos in detail or specialized readings complement the study plan, which you can access without fixed schedules or face-to-face.

This **Postgraduate Diploma in Neuropsychological Assessment and Rehabilitation** 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 Immunology
- 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

If you need an online program designed so you can balance a quality education with your personal responsibilities. TECH has come up with this degree for you"

"With this university program you will have 24-hour access to the most innovative syllabus that delves into the bases of psychopharmacological treatment"

If you need an online program designed so you can balance a quality education with your personal responsibilities. TECH has come up with this degree for you.

A program that will bring you closer to what's new in the rehabilitation of patients with multiple sclerosis, Alzheimer's or dementia.

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.

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.

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. This will be done with the help of an innovative system of interactive videos made by renowned experts.

02
Objectives

At the end of the 450 hours that make up this Postgraduate Diploma, the medical professional will have obtained a broad update of their knowledge in the field of and rehabilitation of patients with neurodegenerative diseases. Therefore, at the end, thanks to the syllabus provided by a specialized teaching team, the students will be able to keep track of the latest developments in the different types of dementia, the different techniques and instruments used, as well as the most notable psychoactive drugs.

"With this online program, you will be able to learn about the latest advances in assessment instruments in the field of neuropsychology"

General Objectives

- Know in detail the latest developments related to the advances that have been made in the field of cognitive neuropsychology
- Delve in a specialized way into Neuropsychology and the keys to its understanding
- Develop a broad and comprehensive knowledge of aphasia, agraphia and alexia

Achieving your professional goals through an educational qualification program adapted to your needs and those of the industry is TECH's main objective"

Specific Objectives

Module 1. Neurodegenerative Diseases
- Learn about the basics of neurodegenerative diseases
- Differentiate between and contextualize the different neurodegenerative diseases
- Know the different types of dementia and learn how to differentiate between them

Module 2. Neuropsychological Assessment and Rehabilitation
- Know the basics of neuropsychological assessment and rehabilitation
- Know the different assessment tools that exist within neuropsychology
- Know the different techniques in neuropsychological assessment

Module 3. Pharmacological Treatment
- Know and learn about the basics and foundations of psychopharmacology
- Know and classify the different types of psychopharmaceuticals
- Know and contextualize the different uses of psychopharmacological therapy

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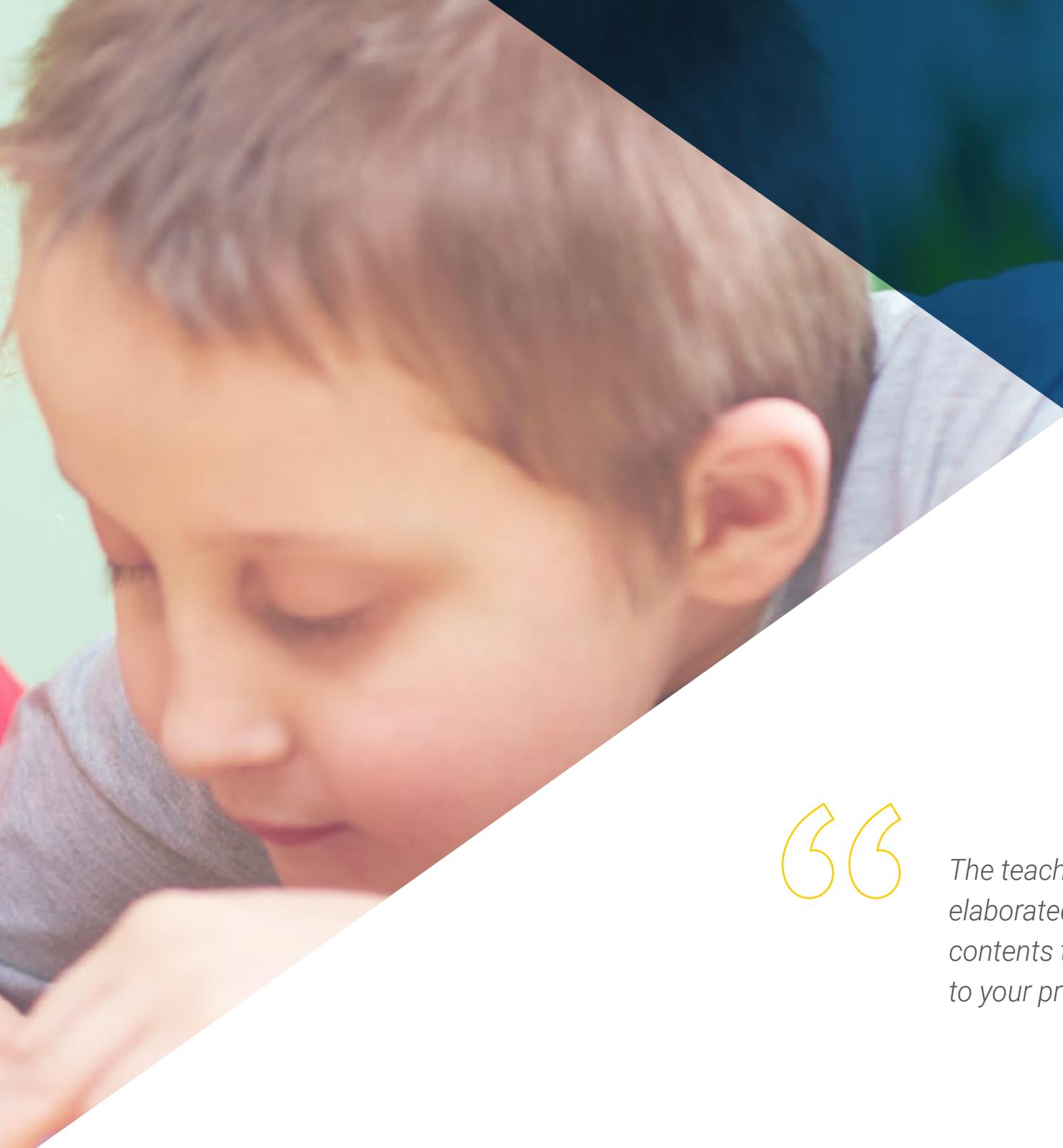
The teaching materials of this program, elaborated by these specialists, have contents that are completely applicable to your professional experiences"

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

* 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)

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

04
Structure and Content

The teaching team that makes up this Postgraduate Diploma has invested many hours in the elaboration of a study plan that is made up of 3 modules, in which students will be able to delve into the different neurodegenerative diseases, Neuropsychological and Rehabilitation and the most used pharmacological treatments such as analgesics, antiepileptics or antipsychotics. All of the above, with an innovative didactic material and aRelearning system , that will allow you to progress throughout the 6 months of this degree, in a more natural and agile way.

"With the use of the latest technologies in education, you will be able to delve into the rehabilitation of attention, memory, executive functions and agnosias"

Module 1. Neurodegenerative Diseases

1.1. Normal Aging
  1.1.1. Basic Cognitive Processes in Normal Aging
  1.1.2. Superior Cognitive Processes in Normal Aging
  1.1.3. Attention and Memory in Elderly People with Normal Aging
1.2. Cognitive Reserve and its Importance in Aging
  1.2.1. Cognitive Reserve: Definition and Basic Concepts
  1.2.2. Functionality of Cognitive Reserve
  1.2.3. Influencing Variables in Cognitive Reserve
  1.2.4. Interventions Based on Improving Cognitive Reserve in the Elderly
1.3. Multiple Sclerosis
  1.3.1. Concepts and Biological Foundations of Multiple Sclerosis
  1.3.2. Characteristics and Symptomology
  1.3.3. Patient Profile
  1.3.4. Assessment and Diagnosis
1.4. Amyotrophic Lateral Sclerosis
  1.4.1. Concepts and Biological Foundations of Amyotrophic Lateral Sclerosis (ALS)
  1.4.2. Characteristics and Symptomology
  1.4.3. Patient Profile
  1.4.4. Assessment and Diagnosis
1.5. Parkinson's Disease
  1.5.1. Concepts and Biological Foundations of Parkinson's Disease
  1.5.2. Characteristics and Symptomology
  1.5.3. Patient Profile
  1.5.4. Assessment and Diagnosis
1.6. Huntington's Disease
  1.6.1. Concepts and Biological Foundations of Huntington's Disease
  1.6.2. Characteristics and Symptomology
  1.6.3. Patient Profile
  1.6.4. Assessment and Diagnosis

1.7. Dementia of the Alzheimer Type
  1.7.1. Concepts and Biological Foundations of Dementia of the Alzheimer Type
  1.7.2. Characteristics and Symptomology
  1.7.3. Patient Profile
  1.7.4. Assessment and Diagnosis
1.8. Pick's Dementia
  1.8.1. Concepts and Biological Foundations of Pick's Dementia
  1.8.2. Characteristics and Symptomology
  1.8.3. Patient Profile
  1.8.4. Assessment and Diagnosis
1.9. Lewy Body Dementia
  1.9.1. Concepts and Biological Foundations of Lewy Body Dementia
  1.9.2. Characteristics and Symptomology
  1.9.3. Patient Profile
  1.9.4. Assessment and Diagnosis
1.10. Vascular Dementia
  1.10.1. Concepts and Biological Foundations of Vascular Dementia
  1.10.2. Characteristics and Symptomology
  1.10.3. Patient Profile
  1.10.4. Assessment and Diagnosis

Module 2. Neuropsychological Assessment and Rehabilitation

2.1. Assessment of Attention and Memory
  2.1.1. Introduction to the Assessment of Attention and Memory
  2.1.2. Main Instruments
2.2. Language
  2.2.1. Introduction to the Assessment of Language
  2.2.2. Main Instruments
2.3. Executive Functions Assessment
  2.3.1. Introduction to the Assessment of Executive Functions
  2.3.2. Main Instruments

Module 3. Pharmacological Treatment

This Postgraduate Diploma will provide you with the latest keys in the administration of analgesics or anti-dementia treatments"

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.

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 you will experience 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 physician's professional practice.

> *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. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate 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.

Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This 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, a real revolution with respect to the mere study and analysis of cases.

Professionals will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. 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 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 TECH's 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.

Surgical Techniques and Procedures on Video

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. 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.

20%

15%

15%

3%

20%

17%

7%

3%
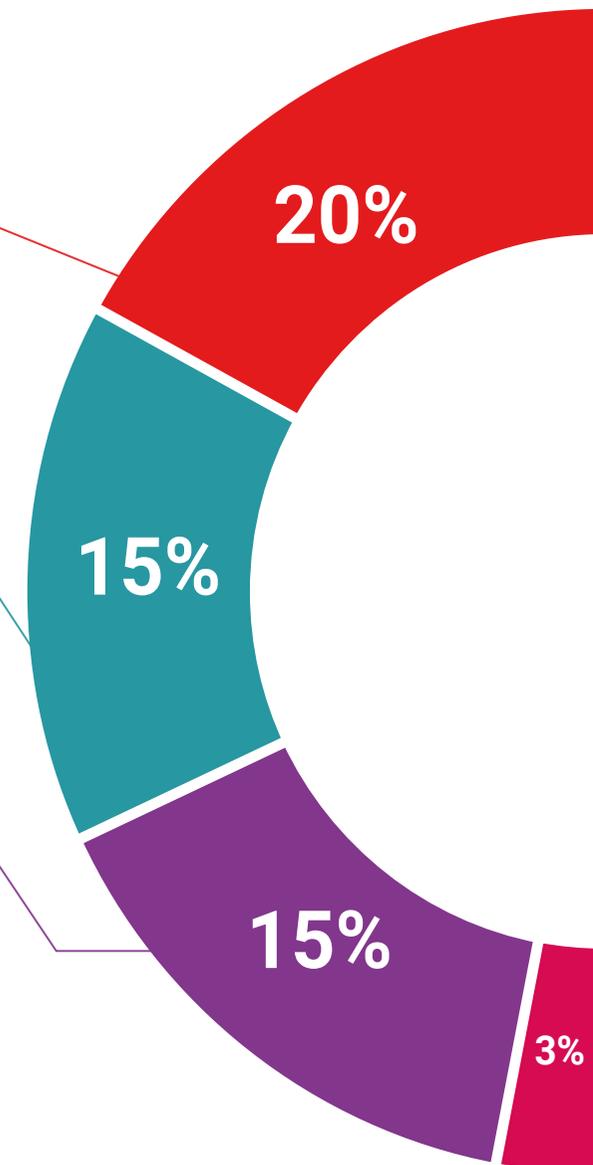
Expert-Led Case Studies and Case Analysis

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

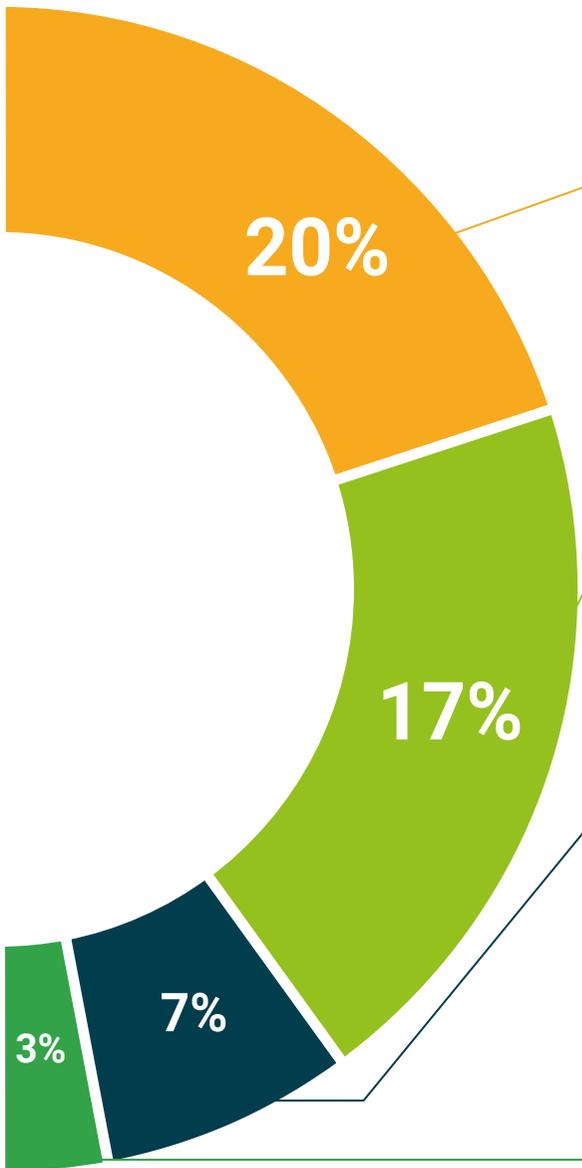We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.

Classes

There is scientific evidence on the usefulness of learning by observing experts. The system known as 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 Diploma in Neuropsychological Assessment and Rehabilitation guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Global University.

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 Diploma in Neuropsychological Assessment and Rehabilitation** 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 Diploma in Neuropsychological Assessment and Rehabilitation**

Modality: **online**

Duration: **6 months**

Credits: **18 ECTS**

tech global university

Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Diploma in Neuropsychological Assessment and Rehabilitation

This is a program of 450 hours of duration equivalent to 18 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.   Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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.

Postgraduate Diploma

Neuropsychological Assessment and Rehabilitation

» Modality: **online**
» Duration: **6 months**
» Certificate: **TECH Global University**
» Credits: **18 ECTS**
» Schedule: **at your own pace**
» Exams: **online**

Postgraduate Diploma

Neuropsychological Assessment and Rehabilitation

tech global university