Postgraduate Diploma

Neuropsychological Assessment and Rehabilitation

tech _technological university_

tech technological university

Postgraduate Diploma
Neuropsychological Assessment and Rehabilitation

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

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

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01
Introduction

The teaching professional, throughout their professional career, will encounter a student body with diverse characteristics and among them, there will be a percentage that may suffer from some type of disorders, brain tumor or cognitive deficits. This will most likely require neuropsychological rehabilitation. A scenario for which the teacher must be as prepared as possible. That is why this program taught with a 100% online format is created, so that teachers are able to acquire advanced learning about the main neurodegenerative diseases, the different diagnostic techniques and treatments applied.

"*Grow professionally through a Postgraduate Diploma that will take you over the course of 6 months, through the processes of Neuropsychological Assessment and Rehabilitation"*

The advances developed in recent years in the field of Neuropsychology have allowed us to learn even more about the causes of different neurodegenerative diseases such as multiple or lateral amyotrophic sclerosis, Parkinson's disease or different types of dementia. These are health problems in which significant progress has been made in the treatments applied. In this Postgraduate Diploma, the teaching professional will enter a field that will allow them to understand even better the students they may have in their classrooms with this type of disease. This will be possible thanks to a specialized teaching staff with extensive experience in neuropsychology.

A program where the teaching professional will acquire advanced learning through a syllabus that will take them through the latest scientific evidence related to neurodegenerative diseases, neuropsychological evaluation and rehabilitation, and the different uses of psychopharmacological therapy. A detailed knowledge that will be much more dynamic and enjoyable thanks to the multimedia content offered in this program, where the latest technology applied to the educational field has been used.

A multidisciplinary program, which will provide professional growth to the teacher, throughout the 6 months of duration of this program. Teachers are offered a program that gives them the opportunity to acquire advanced and flexible learning. All you need is an electronic device (a computer, tablet or cell phone) with which to access the complete syllabus hosted on the virtual campus. This will allow the professional to distribute the teaching load from the beginning, according to their needs. An excellent opportunity to achieve high quality learning that is compatible with the student's work and/or personal responsibilities.

This **Postgraduate Diploma in Neuropsychological Assessment and Rehabilitation** contains the most complete and up-to-date 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 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

With this program you will discover the assessment techniques and the most commonly used treatments for people with multiple sclerosis"

A Postgraduate Diploma designed for professionals who want quality learning that is compatible with other areas of their lives. Enroll now"

Access the multimedia content that makes up the resource library of this Postgraduate Diploma whenever and wherever you want.

This is an academic program that will allow you to discover the main tools used in praxias and gnosias.

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.

02

Objectives

At the end of the 450 hours that make up this Postgraduate Diploma, the teaching professionals will have acquired broad knowledge of the techniques used in Neuropsychological Assessment and Rehabilitation. An advance in this field that will allow them to master the bases of neurodegenerative diseases, the existing evaluation instruments or the different types of psychotropic drugs used. All this, thanks to the joint work with the teaching staff that conforms this program.

" *Grow as a teacher through a university program that will introduce you to the main techniques used in the evaluation of attention and memory"*

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

" *Enroll now in a Postgraduate Diploma that will allow you to understand the fundamentals of psychopharmacological therapy"*

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

Structure and Content

TECH uses the *Relearning* system, based on the reiteration of content, with which you will be able to progress in a more natural way throughout this program, while reducing the long hours of study. Likewise, the students of this Postgraduate Diploma will have at their disposal a study syllabus composed of 3 modules in which they will learn about neurodegenerative diseases, language and memory evaluation techniques and the most commonly used pharmacological treatments. All this with didactic material elaborated with the latest technology applied to academic teaching.

"
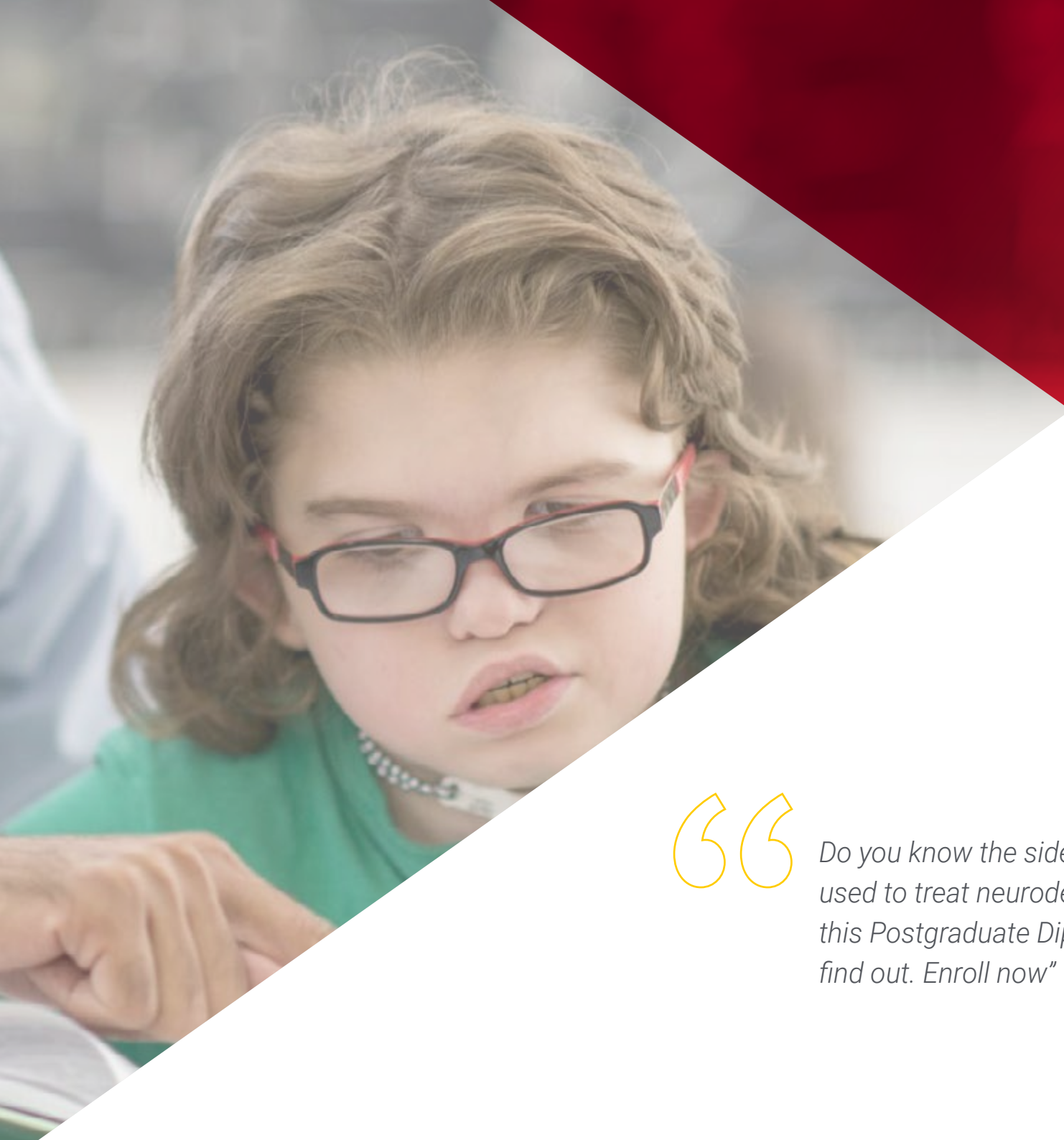
Do you know the side effects of the main drugs used to treat neurodegenerative diseases? With this Postgraduate Diploma, you will be able to find out. Enroll now"

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 Evaluation
- 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.

Enroll in a university program where you will delve into treatments using antidepressants, antipsychotics or anxiolytics"

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.

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.

Evidencia
Científica

Decisión
Óptima

Directrices
Europeas

Comunidad
Educativa

It is a technique that develops critical skills and prepares educators to make decisions, defend their arguments, and contrast opinions.

"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.

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 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.

20%

15%

15%

3%

20%

17%

3%

7%
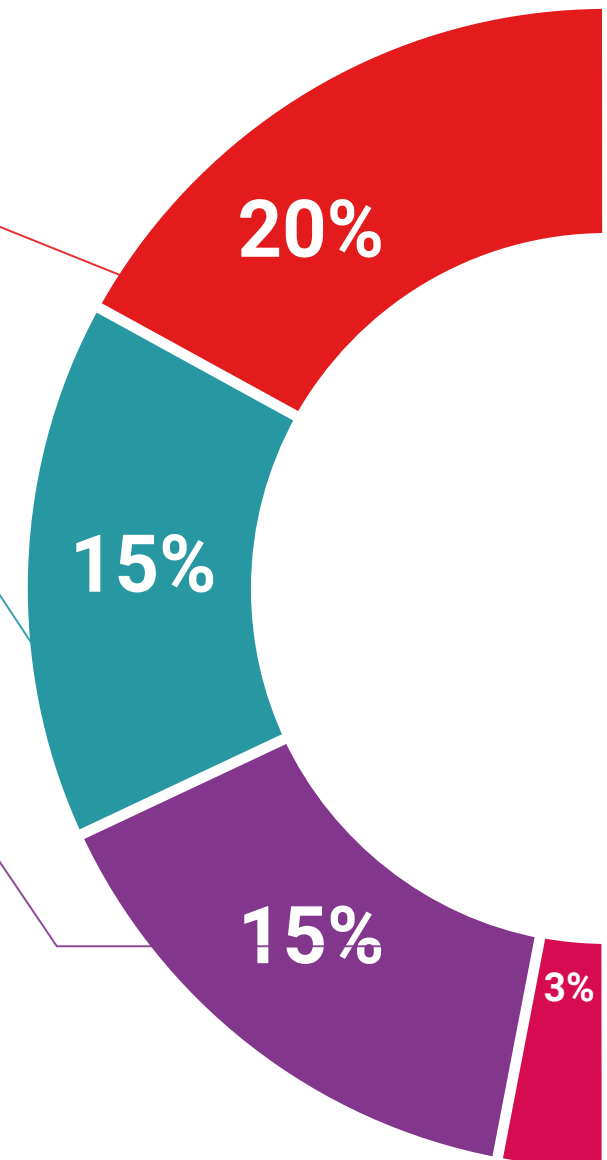
Expert-Led Case Studies and Case Analysis

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

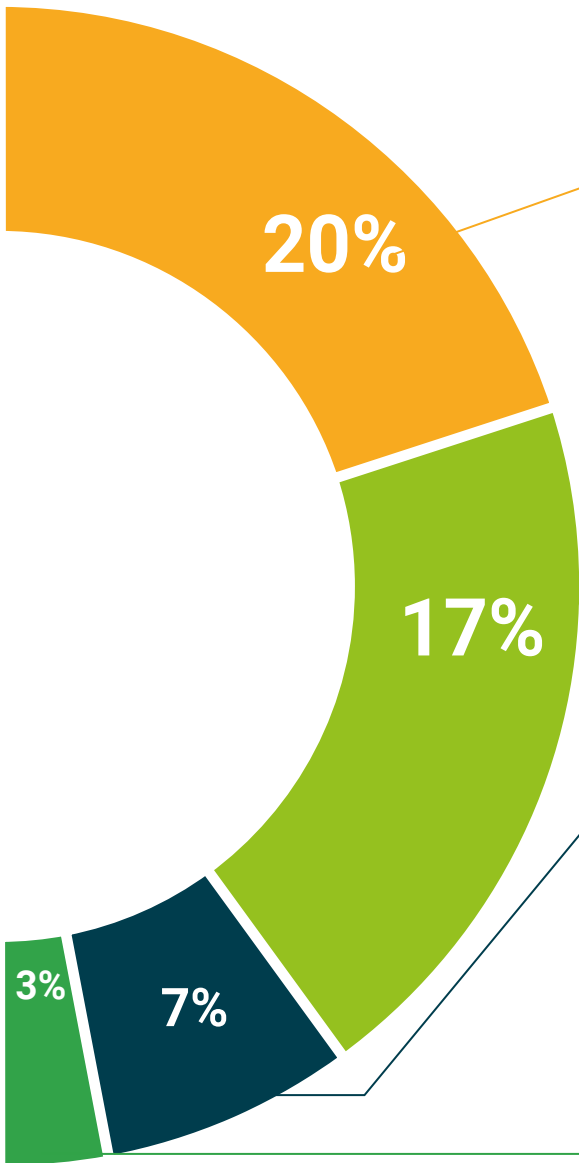We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises: so that they can see how they are achieving your goals.

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 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 Technological University.

" *Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"*

This **Postgraduate Diploma in Neuropsychological Assessment and Rehabilitation** contains the most complete and up-to-date scientific program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Diploma** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Diploma, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Diploma in Neuropsychological Assessment and Rehabilitation**

Official Nº of Hours: **450 h.**

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Awards the following
DIPLOMA
to
Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE DIPLOMA
in
Neuropsychological Assessment and Rehabilitation

This is a qualification awarded by this University, equivalent to 450 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

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 EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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Neuropsychological Assessment and Rehabilitation

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» Exams: **online**

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and Rehabilitation

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