Postgraduate Diploma
Cognitive Neuropsychology

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Postgraduate Diploma
Cognitive Neuropsychology

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

Website: **www.techtitute.com/pk/medicine/postgraduate-diploma/postgraduate-diploma-cognitive-neuropsychology**

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Introduction

The advances produced in recent years in the study of the effects of brain damage, as well as the diagnosis of diseases such as Alzheimer's or Parkinson's have demonstrated the high effectiveness and positive influence of cognitive neuropsychology. A science whose significant advances demonstrate the necessary updating on the part of professionals interested in delving into this discipline. To this end, this program, taught 100% online, emerges, which students can access comfortably, wherever and whenever they want, with the main objective of acquiring, through a modern and dynamic program, the knowledge update they are looking for.

With this Postgraduate Diploma, you will reach the knowledge quotas you want in the field of Cognitive Neuropsychology"

The different techniques used within cognitive neuropsychology allow providing alternative surgical treatments, addressing schizophrenia, aphasias and epileptic disorders through cognitive rehabilitation. Some advances achieved thanks to the improvement and scientific study work carried out in recent years. In order for medical professionals to update their knowledge in this field, TECH offers this Postgraduate Diploma in Cognitive Neuropsychology, taught by a teaching team specialized in this branch of psychology.

It is a multidisciplinary program with a theoretical-practical approach, where the professional will be able to delve into cognitive functions and brain damage, with emphasis on aphasias, agraphias and alexias. In addition, throughout the 6 months of this university education, the syllabus will lead you to cognitive deficits according to their symptoms, specifying the most effective treatments for each of them. All this, with innovative multimedia material, which is at the forefront of academic teaching.

In this way, the professional will be able to take advantage of their knowledge and hone their skills through flexible teaching. Students only need an electronic device (computer, Tablet or mobile phone) with which to access the virtual platform where the complete syllabus is stored from the start of the educational program. This will allow you to distribute the study load according to your needs, making high-level teaching compatible with other areas of your life such as work or personal. An online program, without classes with fixed schedules and innovative teaching resources.

This **Postgraduate Diploma in Cognitive Neuropsychology** 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

You will be able to delve into pathologies of attention, memory or dysjective syndrome"

An educational program in which you will delve into disorders due to early brain injuries and cerebrovascular disorders"

Access 24 hours a day to the most up-to-date content on cognitive deficits, brain damage and cognitive functions.

In just 6 months, you will get the up-to date knowledge in cognitive neuropsychology that you were looking for.

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.

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Objectives

TECH has developed this program so that medical professionals can learn in detail about the most recent and effective developments in the field of Cognitive Neuropsychology. Thus, through an updated syllabus, the students will conclude this program having recycled their knowledge in cognitive functions, the different disorders derived from brain damage and cognitive deficits according to their symptoms. All this, with the educational tools necessary to achieve these goals in the most effective way.

A 100% online program with which you can be aware of the most recent studies on cognitive functions brain damage"

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

Access an educational material that is at the academic forefront. Thanks to it, you will be able to delve into your studies in a more visual and dynamic way"

Specific Objectives

Module 1. Cognitive Functions

- Know the most important cognitive functions
- Know and contextualize the neurobiological principles of the cognitive functions
- Know the principles and origins of cognitive functions

Module 2. Brain Injury

- Know and contextualize the basics of brain injury
- Know and differentiate between the different types of brain injury
- Learn the different disorders derived from brain injury

Module 3. Aphasias, Agraphias and Alexias

- Know and internalize the bases of aphasias, agraphias and alexias
- Know the classification and characteristics specific to aphasias, agraphias and alexias
- Know the evaluation and diagnosis of aphasias, agraphias and alexias

Module 4. Cognitive Deficiencies

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

03
Structure and Content

The syllabusof this Postgraduate Diploma has been developed taking into account the Relearning methodology, which allows students to reduce long hours of study, very frequent in other teaching methods. Thanks to this, it has been possible to create a dynamic and current qualification which includes the most exhaustive information on neuropsychological assessment and rehabilitation. In order to offer an educatinal experience that adapts to the demands of professionals, the study plan will be available in its entirety from the start of the course, allowing you to delve into each section of the syllabus in a more individualized way.

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You have a Postgraduate Diploma which provides you with the most recent scientific studies on the evaluation and diagnosis of patients with aphasia, agraphia and alexia"

Module 1. Cognitive Functions

1.1.   Neurological Principles of Attention
    1.1.1.   Introduction to the Concept of Attention
    1.1.2.   Neurobiological Principles and Foundations of Attention
1.2.   Neurobiological Principles of Memory
    1.2.1.   Introduction to the Concept of Memory
    1.2.2.   Neurobiological Principles and Foundations of Memory
1.3.   Neurological Principles of Language
    1.3.1.   Introduction to the Concept of Language
    1.3.2.   Neurobiological Principles and Foundations of Language
1.4.   Neurobiological Principles of Perception
    1.4.1.   Introduction to the Concept of Perception
    1.4.2.   Neurobiological Principles and Foundations of Perception
1.5.   Visuospatial Neurobiological Principles
    1.5.1.   Introduction to Visuospatial Functions
    1.5.2.   Principles and Fundamentals of Visuospatial Functions
1.6.   Neurobiological Principles of Executive Functions
    1.6.1.   Introduction to Executive Functions
    1.6.2.   Principles and Fundamentals of Executive Functions
1.7.   Apraxias
    1.7.1.   What are Praxis?
    1.7.2.   Features and Types
1.8.   Gnosis
    1.8.1.   What are Gnosias?
    1.8.2.   Features and Types
1.9.   Social Cognition
    1.9.1.   Introduction to Social Cognition
    1.9.2.   Characteristics and Theoretical Foundations

Module 2. Brain Injury

2.1.   Neuropsychological and Behavior Disorders of Genetic Origin
    2.1.1.   Introduction
    2.1.2.   Genes, Chromosomes and Hereditary
    2.1.3.   Genes and Behavior
2.2.   Early Brain Injury Disorder
    2.2.1.   Introduction
    2.2.2.   The Brain in Early Childhood
    2.2.3.   Pediatric Cerebral Palsy
    2.2.4.   Psychosyndromes
    2.2.5.   Learning Disorders
    2.2.6.   Neurobiological Disorders that Affect Learning
2.3.   Vascular Brain Disorders
    2.3.1.   Introduction to Cerebrovascular Disorders
    2.3.2.   Most Common Types
    2.3.3.   Characteristics and Symptomology
2.4.   Brain Tumors
    2.4.1.   Introduction to Brain Tumors
    2.4.2.   Most Common Types
    2.4.3.   Characteristics and Symptomology
2.5.   Cranioencephalic Traumas
    2.5.1.   Introduction to Trauma
    2.5.2.   Most Common Types
    2.5.3.   Characteristics and Symptomology
2.6.   Infections of the CNS
    2.6.1.   Introduction the CNS Infections
    2.6.2.   Most Common Types
    2.6.3.   Characteristics and Symptomology
2.7.   Epileptic Disorders
    2.7.1.   Introduction to Epileptic Disorders
    2.7.2.   Most Common Types
    2.7.3.   Characteristics and Symptomology

Access a Postgraduate Diploma in which you can delve into the cognitive and neuropsychological profile associated with ASD"

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.

05

Certificate

The Postgraduate Diploma in Cognitive Neuropsychology 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 Cognitive Neuropsychology** 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 certificate 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 Cognitive Neuropsychology**

Official Nº of Hours: **600 h.**

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

POSTGRADUATE DIPLOMA
in

Cognitive Neuropsychology

This is a qualification awarded by this University, equivalent to 500 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

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 certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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