

Postgraduate Certificate Principles of Brain Injury



Postgraduate Certificate

Principles of Brain Injury

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

Website: www.techtute.com/us/psychology/postgraduate-certificate/principles-brain-injury

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01

Introduction

Brain damage can seriously affect the patient's quality of life, and although it depends greatly on the degree of injury and the area involved, it can have an important influence on the appearance of significant anomalies in perception and communication, as well as physical, cognitive and emotional alterations.

Knowing their origin and the most effective treatment methods for each case is fundamental for the specialist, since this way they will be able to manage the clinical case more quickly. For this, the professional can count on qualifications such as this one offered by TECH Technological University. This is a 100% online program with which the graduate will be able to update on developments related to this sector in just 150 hours and with the guaranteed company of a teaching team formed by experts in Neuropsychology.



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Diseases that derive from Brain Injury are very frequent, so having a qualification like this on your CV is the best option for you to be able to deal with them quickly and effectively"

Stroke, also known as cerebral infarction or embolism, is one of the main causes of brain damage, although it is also common to find people with this area affected by traumatic brain injury (especially caused by a traffic accident) or brain tumors. However, whatever the cause, the truth is that these types of conditions usually cause serious sequelae, which may vary in their degree and representation depending on the person and their clinical case (intensity, duration of the injury, time it took to be treated at the hospital, etc.).

For this reason, the role of the Neuropsychology specialist in rehabilitation processes is essential, so that the affected person can recover as soon as possible and in the best conditions.

For this reason, this Postgraduate Certificate in Principles of Brain Injury is perfect for all those professionals who are looking for a qualification that allows them to update their knowledge in a comprehensive manner without having to neglect their practice. This program delves into the different disorders that can affect this region, as well as their characteristics and most common symptomatology.

Thanks to this, the graduate will be able to learn in detail the latest scientific evidence 100% online and without having to attend presential classes. With a fully customized schedule based on your availability, you can access the virtual classroom 24 hours a day throughout the week and from any device with internet connection, whether PC, tablet or computer.

This **Postgraduate Certificate in Principles of Brain Injury** 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 Neurology
- ◆ 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



The perfect program to get up to date on the Principles of Brain Injury from wherever you want and with a schedule fully adapted to your availability"

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You will learn the latest details of cerebral vascular disorders, as well as the most common types and methodologies of approach that best suits this type of patients"

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 throughout the program. For this purpose, the student will be assisted by an innovative interactive video system created by renowned and experienced experts.

A perfect opportunity to perfect your skills in the management of patients suffering from early brain injury disorders that affect learning.

You will be able to delve into neuropsychological and behavioral disorders of genetic origin, as well as their symptoms and psychological recommendations.



02

Objectives

The importance of speed in the diagnosis of patients with Brain Injury is extremely important in order to avoid possible complications derived from the waiting time. Likewise, psychological rehabilitation strategies have a positive influence on the evolution of these clinical cases, which is why professionals in this area must have a perfect command of both information. Therefore, the objective of this Postgraduate Certificate is, precisely, to serve as a guide in updating and expanding their knowledge in this area, being able to practice with the confidence that they handle the best techniques of Neuropsychology.





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Whatever your main objective is, with this Postgraduate Certificate you will achieve it with total guarantee, as well as your highest expectations"



General Objectives

- ◆ Provide the graduate with the latest educational tools that will allow them to know in detail the latest developments related to Principles of Brain Injury
- ◆ Improve their professional competencies and skills through the practical resolution of real clinical cases taken from the practices of practicing professionals





Specific Objectives

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



An unparalleled opportunity to perfectly manage the most relevant and innovative aspects of traumatic brain injury"

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

- ♦ 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

The design of this Postgraduate Certificate has been the responsibility of the teaching team, which has not only worked on the syllabus, but also on the hours of additional material that the graduate will find in the virtual classroom. Thanks to this, it has been possible to create a complete, current and innovative qualification, which includes the latest scientific evidence related to Neuropsychology and Brain Injuries and thanks to which the graduate will be able to get up to date in just 6 weeks.





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You will have detailed videos, high-resolution images and complementary readings to delve into the different disorders caused by Brain Injury and its multiple origins"

Module 1. Brain Injury

- 1.1. Neuropsychological and Behavior Disorders of Genetic Origin
 - 1.1.1. Introduction
 - 1.1.2. Genes, Chromosomes and Hereditary
 - 1.1.3. Genes and Behavior
- 1.2. Early Brain Injury Disorder
 - 1.2.1. Introduction
 - 1.2.2. The Brain in Early Childhood
 - 1.2.3. Pediatric Cerebral Palsy
 - 1.2.4. Psychosyndromes
 - 1.2.5. Learning Disorders
 - 1.2.6. Neurobiological Disorders that Affect Learning
- 1.3. Vascular Brain Disorders
 - 1.3.1. Introduction to Cerebrovascular Disorders
 - 1.3.2. Most Common Types
 - 1.3.3. Characteristics and Symptomology
- 1.4. Brain Tumors
 - 1.4.1. Introduction to Brain Tumors
 - 1.4.2. Most Common Types
 - 1.4.3. Characteristics and Symptomology
- 1.5. Cranioencephalic Traumas
 - 1.5.1. Introduction to Trauma
 - 1.5.2. Most Common Types
 - 1.5.3. Characteristics and Symptomology





- 1.6. Infections of the CNS
 - 1.6.1. Introduction the CNS Infections
 - 1.6.2. Most Common Types
 - 1.6.3. Characteristics and Symptomology
- 1.7. Epileptic Disorders
 - 1.7.1. Introduction to Epileptic Disorders
 - 1.7.2. Most Common Types
 - 1.7.3. Characteristics and Symptomology
- 1.8. Alterations in the Level of Consciousness
 - 1.8.1. Introduction to Altered Levels of Consciousness
 - 1.8.2. Most Common Types
 - 1.8.3. Characteristics and Symptomology
- 1.9. Acquired Brain Injury
 - 1.9.1. Concept of Acquired Brain Injury
 - 1.9.2. Most Common Types
 - 1.9.3. Characteristics and Symptomology
- 1.10. Disorders Related to Pathological Ageing
 - 1.10.1. Introduction
 - 1.10.2. Psychological Disorders Related to Pathological Ageing



Bet on TECH and start an educational experience that will undoubtedly mark a before and after in your professional career"

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.



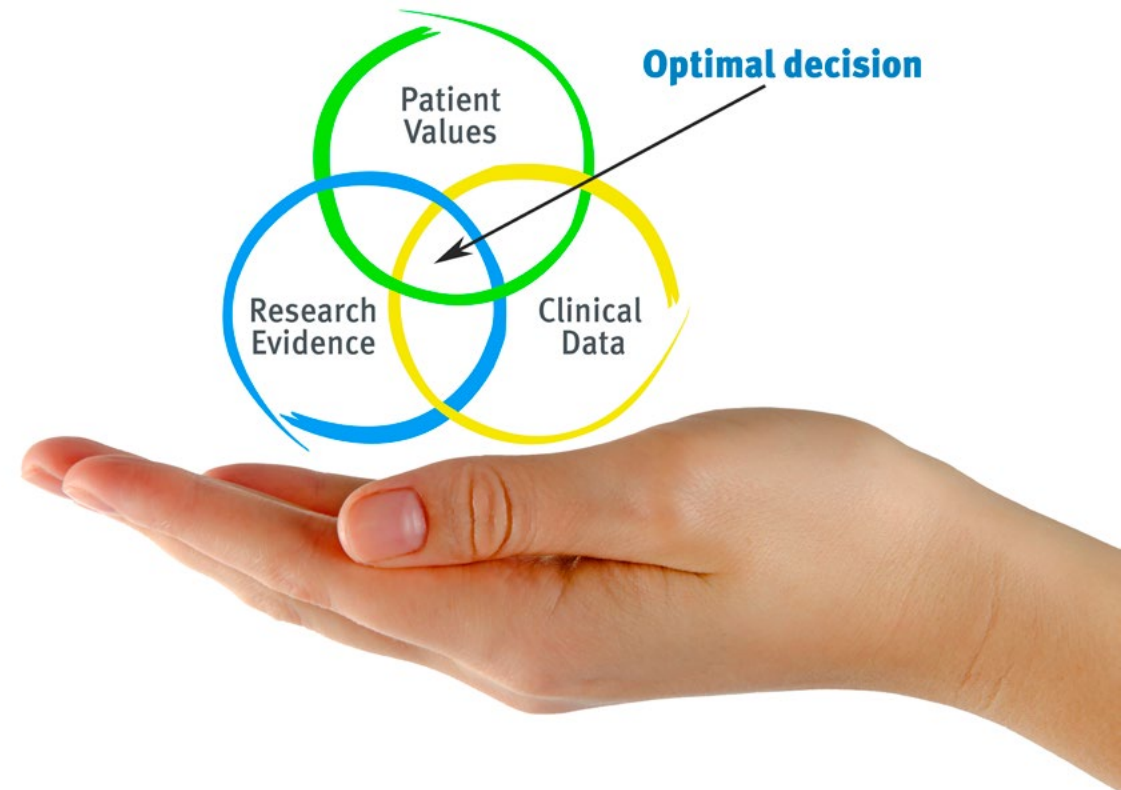
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Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

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. Gervas, 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.

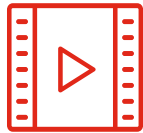
Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.

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

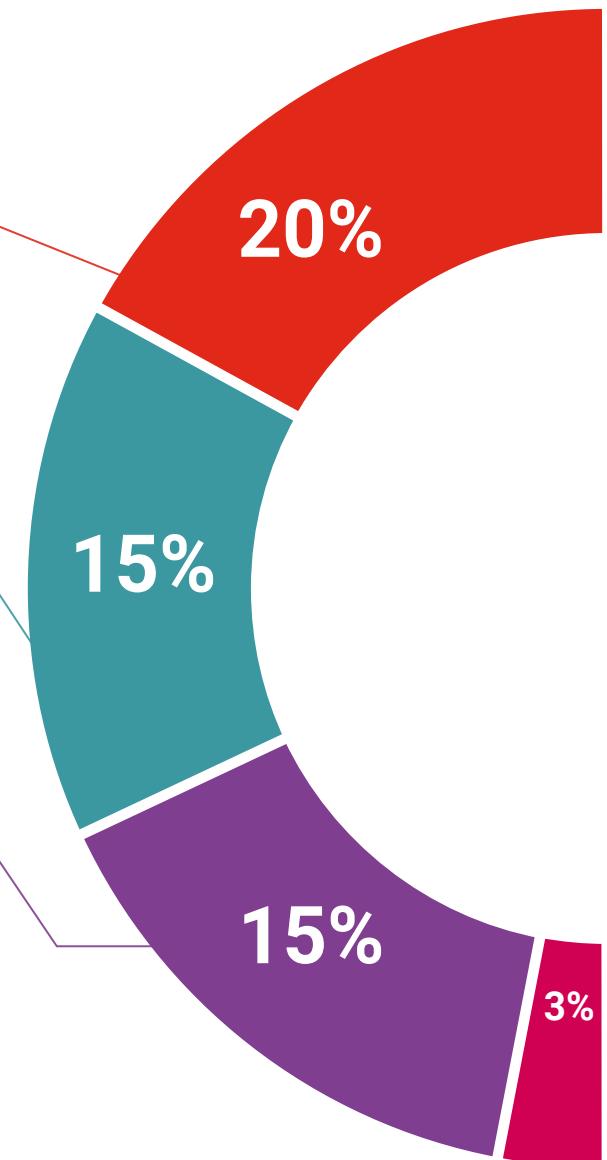
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

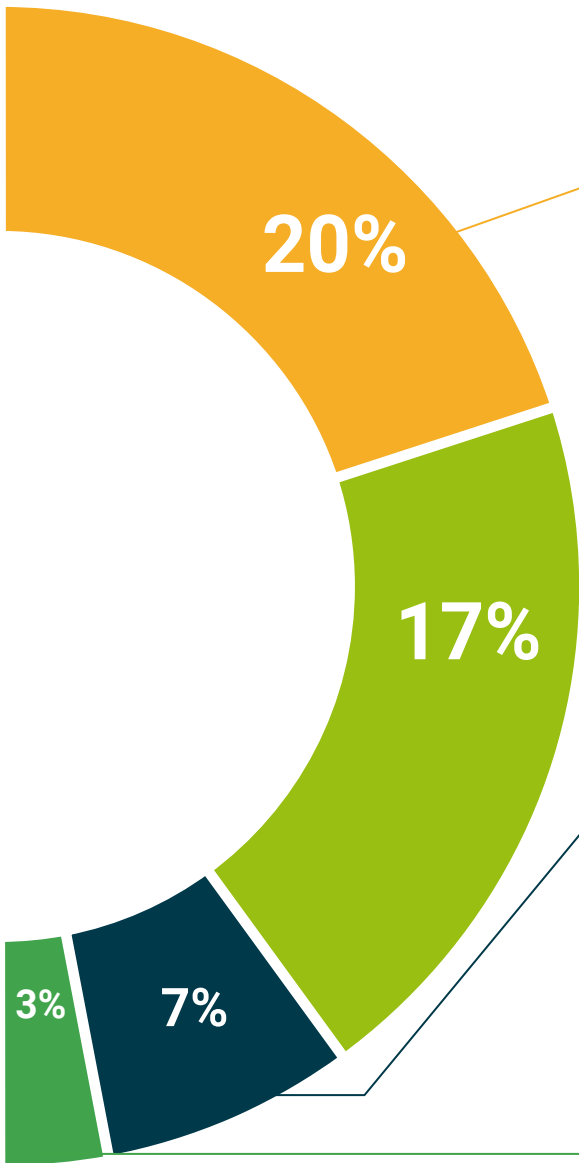
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



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 Principles of Brain Injury Addiction 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 Principles of Brain Injury** 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 Principles of Brain Injury**

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.

future
health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning
community commitment
personalized service innovation
knowledge present quality
development language
virtual classroom

tech technological
university

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