

# Postgraduate Certificate Principles of Brain Injury





## Postgraduate Certificate Principles of Brain Injury

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

Website: [www.techtitute.com/us/education/postgraduate-certificate/principles-brain-injury](http://www.techtitute.com/us/education/postgraduate-certificate/principles-brain-injury)

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# 01

# Introduction

Brain damage considerably influences the quality of life of the person, their ability to function in the environment with correct communication, as well as the learning process due to cognitive alterations. The teaching professional must be aware of the physical and psychological difficulties experienced by students with special needs, in order to be more effective in their classes. This 100% online program provides the student with a qualification with a multidisciplinary approach and innovative teaching material developed by a specialized teaching staff with extensive experience in clinical neuropsychology. in clinical neuropsychology.





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*Thanks to this university program, you will advance your skills as a teacher of students with functional and cognitive diversity”*

Cardiovascular diseases, especially stroke, have increased in recent years throughout the world, affecting the adult population to a large extent. However, there are other types of brain damage that, due to hereditary causes or because they occur in early stages of human development, affect many people from childhood. The teaching professional is aware of the complexity and the challenge of learning for these people. However, the knowledge about the disorders that cause them, and their characteristics, can greatly help in the understanding by the teacher and the adaptation of their classes to the student who presents these particularities.

This Postgraduate Certificate, which consists of 150 teaching hours, provides the professional with the latest and most advanced information on brain damage. All this with a content created from a theoretical-practical approach, and that has a didactic material in which the latest technology applied to education is used. Therefore, the teaching professional will find in this program, resources such as video summaries, interactive diagrams, detailed videos that are complemented, in addition, by specialized readings and clinical cases. This last one will also offer an approach to real situations that a person has experienced.

It is, therefore, an excellent opportunity for the teaching professional to take a step further in their professional career. In order to take this program, you only need an electronic device with which you can access the entire syllabus, whenever and wherever you want. Without attendance or fixed schedules, students will have the freedom to distribute the course load according to their needs. A flexible program that is compatible with professional and/or personal responsibilities of its students.

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 ideal university qualification to understand the neurobiological disorders that affect learning"*

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*With a computer or tablet, you can access, 24 hours a day, all the content of this Postgraduate Certificate"*

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.

*A perfect opportunity to improve your skills in the classroom through the understanding of students suffering from epileptic disorders.*

*Do you want a university qualification that is compatible with your job? In this Postgraduate Certificate, the distribution of the teaching load is adapted to you.*



# 02

# Objectives

At the end of the 6 weeks of this program, the teaching professional will have acquired a broad and intensive learning about brain damage. Therefore, they will be able to understand the bases that cause it, the different types of brain damage and the disorders derived from it. All this with an enriching multimedia content and a specialized teaching staff that will guide you to achieve your goals in a more agile way.







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*At the end of this Postgraduate Certificate, your knowledge of brain injury disorders will be more advanced”*



## General Objectives

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- 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

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- ♦ 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

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*An academic option that will allow you to acquire detailed knowledge of infantile cerebral palsy”*

# 03

## Structure and Content

The design of this Postgraduate Certificate has been carried out by a specialized teaching staff that has invested many hours to offer the most exhaustive and up-to-date knowledge on brain damage, the most common types, their characteristics and symptomatology. This way, students taking this program will have at their disposal a library of multimedia resources that give dynamism to the program and a learning system, *Relearning*, based on the reiteration of content, which will allow them to advance in this teaching in a more natural and agile way.



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*You have innovative multimedia didactic material with which you will be able to delve into the basis of brain damage in a more dynamic way"*

## 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 the Nervous System
  - 1.6.1. Introduction the Infections of the Nervous System
  - 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

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*TECH offers you an academic experience that will help you progress in your teaching career. Enroll now”*

04

# 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.







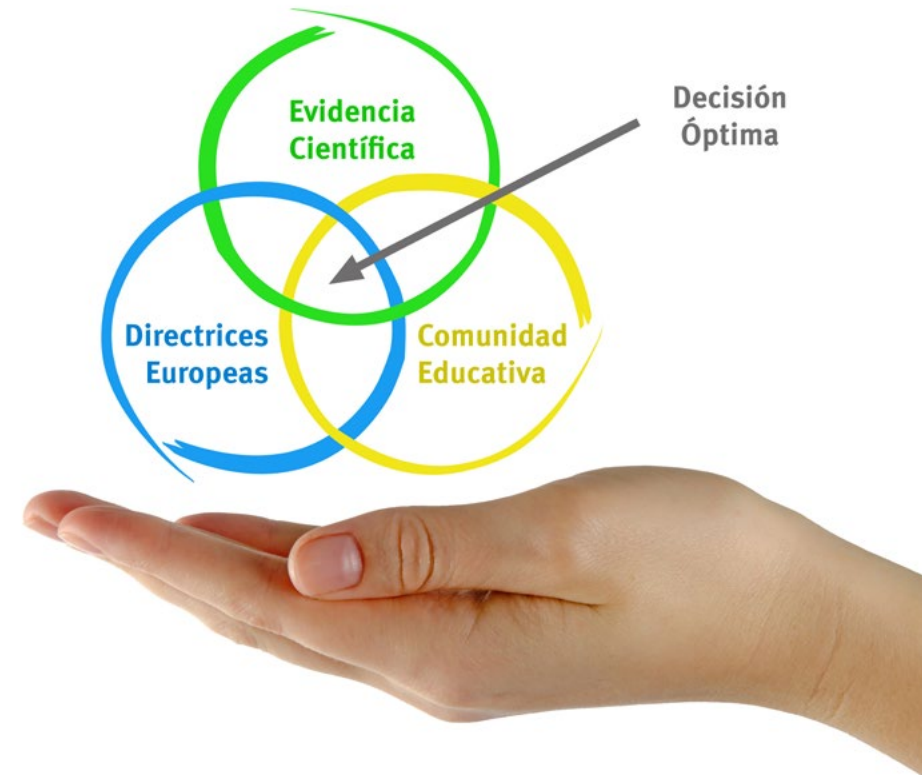
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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## At TECH 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.*



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

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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. 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.*

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

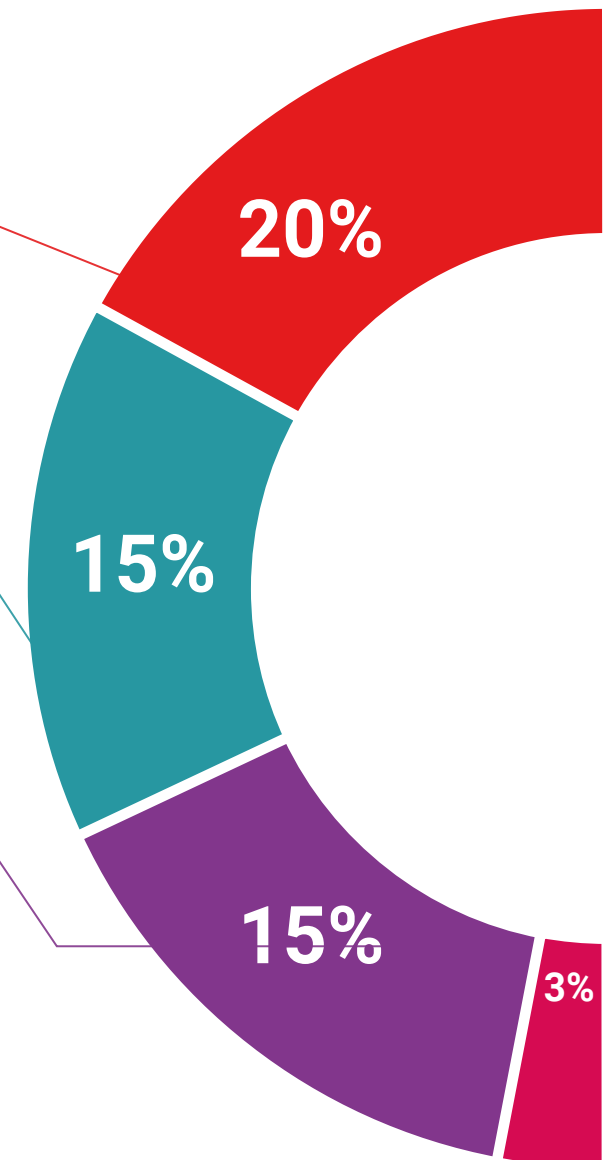
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

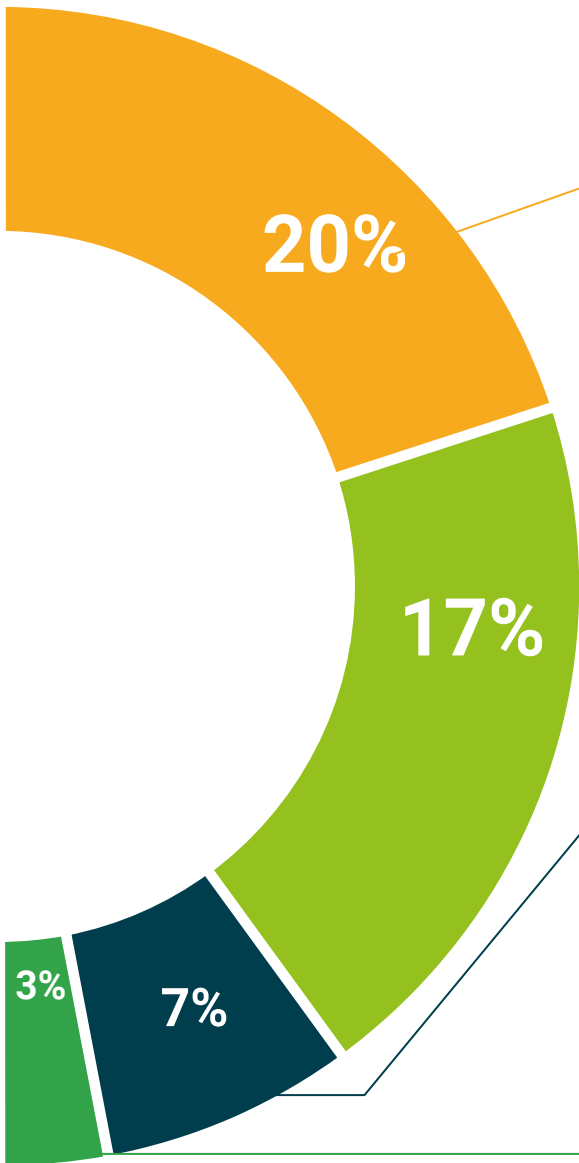
This exclusive multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".



### 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.





**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 Certificate in Principles of Brain Injury 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.



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