

# Postgraduate Certificate Methodologies in Neuroeducation

Endorsed by the NBA





## Postgraduate Certificate Methodologies in Neuroeducation

- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Global University**
- » Accreditation: **6 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: [www.techtute.com/us/sports-science/postgraduate-certificate/methodologies-neuroeducation](http://www.techtute.com/us/sports-science/postgraduate-certificate/methodologies-neuroeducation)

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# 01

# Introduction

Neuroeducation has become an indispensable methodology to analyze human brain development and the reaction to stimuli, which will be transformed into knowledge. For this to be possible, professionals must have a series of methodologies to help improve this process. The program has been developed to focus on this field of action to delve into emotionality, attention and motivation, and their impact on learning processes.



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*Acquire the best knowledge of neuroeducation methodologies to start applying them in your daily practice.*



Science has advanced the study of the brain as a learning organ in order to help students develop their cognitive, intellectual and emotional potential to the fullest. Consequently, neuroeducation has become a reference to identify the different postulates and knowledge about the brain and the way it interacts with the environment. New approaches have thus been developed that take into account all areas of children's development.

With the Postgraduate Certificate program focused on this topic, the new contributions of brain science will be integrated into the teaching and learning processes. This will enable students to understand the brain mechanisms underlying learning, memory, language, sensory and motor systems, attention span, emotions and the influence of the environment on all of them.

Furthermore, it is a 100% online Postgraduate Certificate that provides students with comfortable study and ease, wherever and whenever they want it. All you need is a device with internet access to take your career one step further. A modality in accord with the current times and all the guarantees to position professionals in a highly demanded field.

This **Postgraduate Certificate in Methodologies in Neuroeducation** is the most comprehensive and up-to-date educational program on the market. The most important features of the program include:

- ◆ Practical cases presented by experts in Neuroeducation.
- ◆ The graphic, schematic, and eminently 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.
- ◆ 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 why Neurolearning has become a fundamental discipline to improve sports learning.*

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*It is an 100% online program, which will allow you to specialize in this area from any location with an internet connection.*

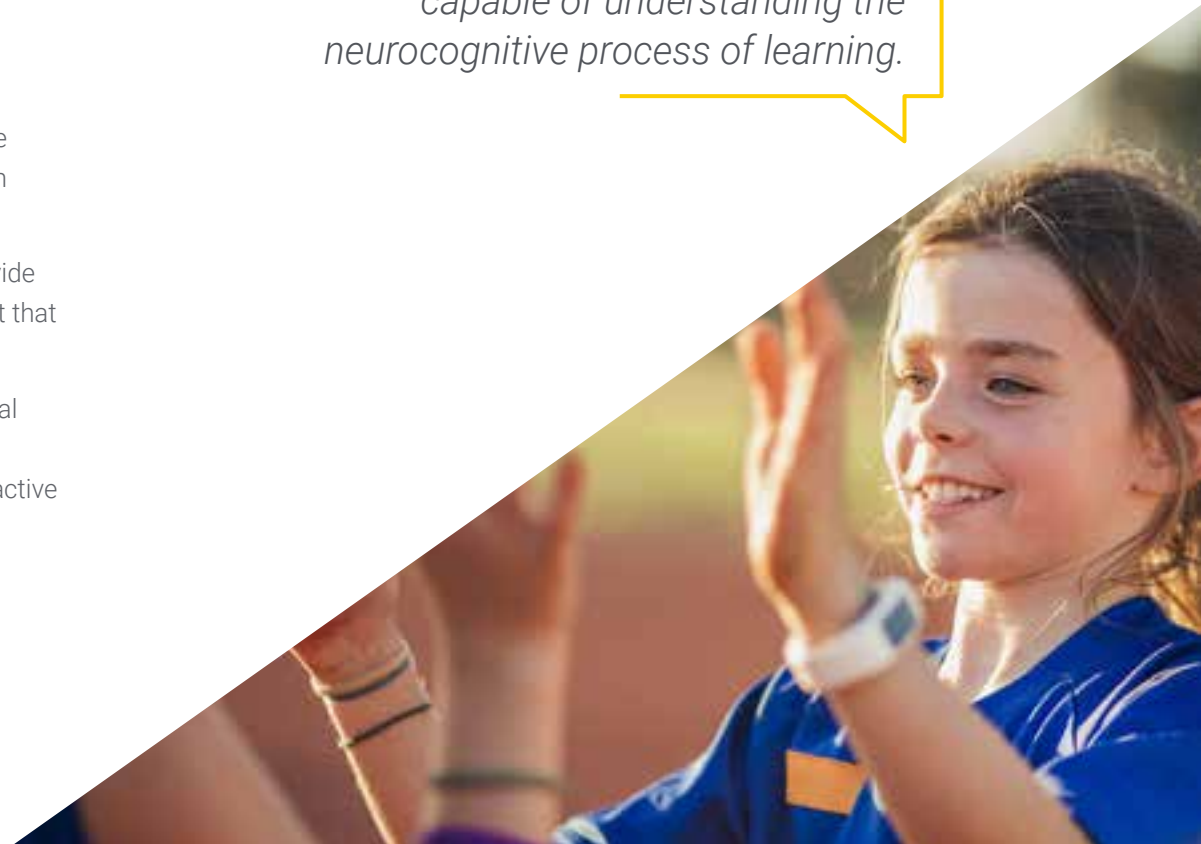
*Correctly identify the factors that influence the teaching-learning process in sports.*

*Position yourself as a professional capable of understanding the neurocognitive process of learning.*

The program's teaching staff includes professionals from the sector who contribute their work experience to this training 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 training programmed to train 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

In order to accompany its students on the path to excellence, TECH develops a series of general and specific objectives that will allow them to complete their academic profile in a satisfactory manner. That is why the syllabus focuses on the new methodologies of neuroeducation, as students will be able to understand the learning processes from a global perspective that includes emotional, motivational, physical and communicative factors.







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*Upgrade your knowledge with a program that will help you achieve your professional objectives.*



### General Objective

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- ♦ Integrate the new contributions of Brain Science in the teaching-learning processes.



*An excellent opportunity to provide you with an elite education and improve your professional profile at an international level.*





## Specific Objectives

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### Module 1. Neuroeducation

- ◆ Understand what neuroeducation is and how it works.
- ◆ Identify the main neuromyths.
- ◆ Delve deeper into emotionality, attention and motivation, and their impact on learning processes.
- ◆ Know the main methodologies that allow the transformation of education into NeuroEducation.

03

# Course Management

Having an excellent group of teachers is fundamental to guarantee the best education. As a result, TECH has assembled a team of professionals to deliver a comprehensive academic program that perfectly meets the demands of today's job market. This is what will ensure students the certainty of receiving the most updated and complete information, being able to almost immediately put everything they learn in each class into practice.





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*The best professionals in the field of Neuroeducation offer you their many years of experience.*



## Management



### Ms. Pellicer Royo, Irene

- ◆ Degree in Physical Activity and Sports Science
- ◆ Master's Degree in Medical Sciences Applied to Physical Activity and Sport
- ◆ Diploma in Management and Administration of Sports Entities
- ◆ Master's Degree in Emotional Education and Well-being
- ◆ Postgraduate in Neuroeducation Learning to Our Full Potential

## Professors

### Dr. De la Serna, Juan Moisés

- ◆ Doctor in Psychology Master's Degree in Neurosciences and Behavioral Biology
- ◆ Director of the Open Forum in Psychology and Neurosciences and science communicator.
- ◆ Diploma in Didactic Methodology
- ◆ University Specialist in Clinical Hypnosis
- ◆ Expert in Project Management Occupational Trainer

### Dr. Navarro Ardoy, Daniel

- ◆ PhD Exercise Physiology Applied to Health
- ◆ Physical Activity and Health Program Faculty of Medicine
- ◆ 6-month research stay at Karolinska Institute Stockholm (Sweden)
- ◆ Degree in Physical Activity and Sports Science

### Ms. Rodríguez Ruiz, Celia

- ◆ Degree in Pedagogy Degree in Psychology
- ◆ Specialization in Clinical Psychology and Child Psychotherapy
- ◆ Specialization in Cognitive Behavioral Therapy in Childhood and Adolescence



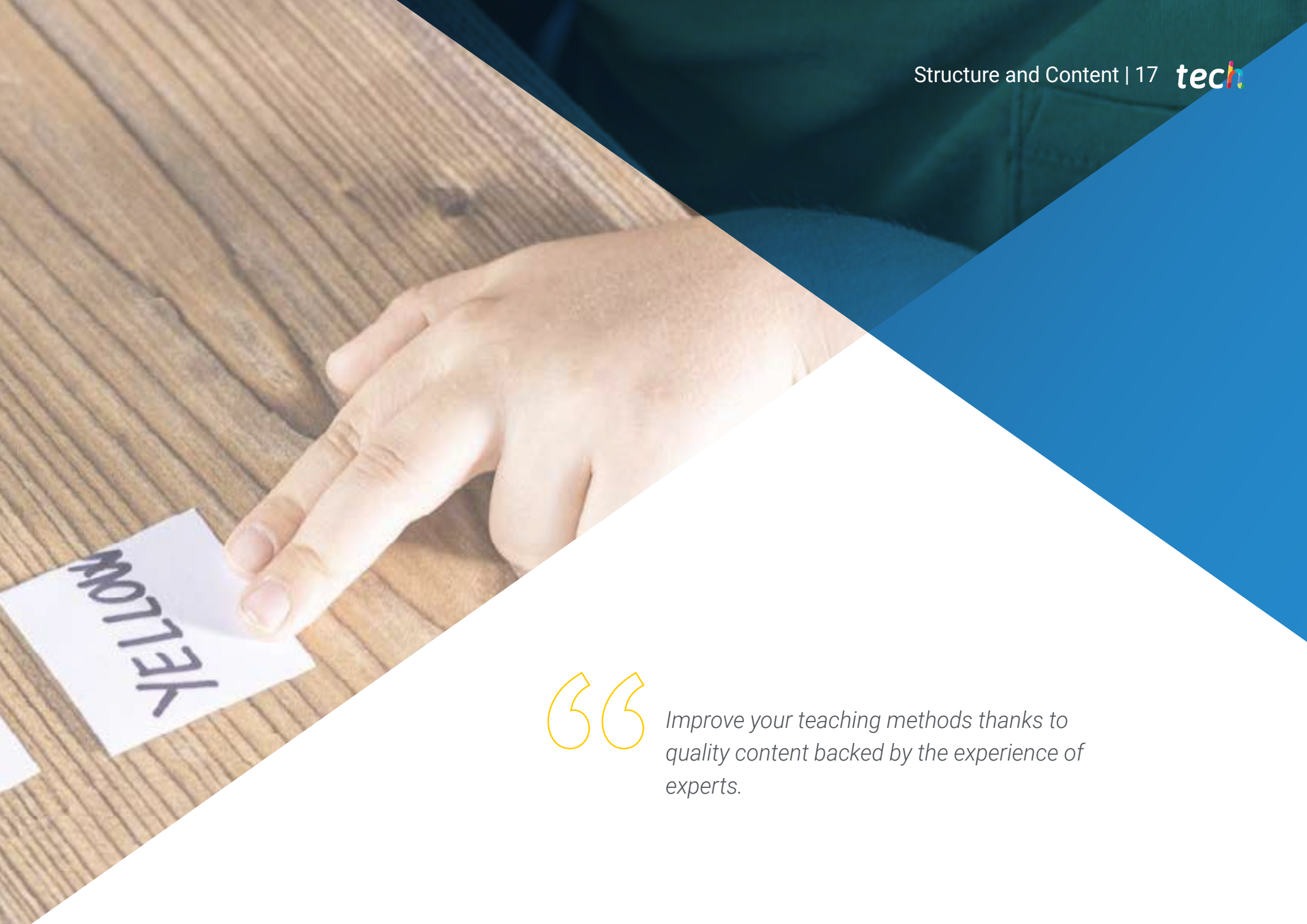
# 04

## Structure and Content

The syllabus for this Postgraduate Certificate in Methodologies in Neuroeducation has been developed by an excellent group of experts focused on this area of study. In each lesson, students will be able to better understand emotionality, attention span and motivation, and their impact on learning processes. All this, from a global perspective for the sake of its application at an international level, incorporating all the fields of work involved in professional development in this type of work environment.







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*Improve your teaching methods thanks to quality content backed by the experience of experts.*

## Module 1. Neuroeducation

- 1.1. Introduction to Neuroeducation
  - 1.1.1. Definition and Development
- 1.2. Main Neuromyths.
  - 1.2.1. Neuromyths in Neuroeducation.
- 1.3. Attention
  - 1.3.1. Concept and Development.
- 1.4. Emotion
  - 1.4.1. Concept and Development.
- 1.5. Motivation
  - 1.5.1. Concept and Development.
- 1.6. The Learning Process.
  - 1.6.1. Concept and Development.
- 1.7. Memory
  - 1.7.1. Concept and Development.
- 1.8. Stimulation and Early Interventions.
  - 1.8.1. Stimulation.
  - 1.8.2. Early Intervention.
- 1.9. Importance of Creativity in Neuroeducation
  - 1.9.1. Creativity and Neuroeducation.
- 1.10. Methodologies that allow the Transformation of Education in Neuroeducation
  - 1.10.1. Methodology







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*The best education is within  
your reach by completing this  
Postgraduate Certificate.*

# 05 Methodology

This training provides you with a different way of learning. Our methodology uses a cyclical learning approach: ***Re-learning***.

This teaching system is used 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 Re-learning, 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

Our program offers you a revolutionary approach to developing your skills and knowledge. Our goal is to strengthen your skills in a changing, competitive, and highly demanding environment.

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*With TECH you can experience a way of learning that is shaking the foundations of traditional universities around the world.*



*Our University is the first in the world to combine Harvard Business School case studies with a 100%-online learning system based on repetition.*



### A learning method that is different and innovative.

This Sports Science program at TECH Technological University is an intensive program that prepares you to face all the challenges in this field, both nationally and internationally. We are committed to promoting your personal and professional growth, the best way to strive for success, that is why at TECH you will use Harvard case studies, with which we have a strategic agreement that allows us to offer you material from the best university in the world.



*We are the only online university that offers Harvard materials as teaching materials on its courses.*

The case method is the most widely used learning system by the best faculties in the world. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

In a given situation, what would you do? This is the question that you are presented with in the case method, an action-oriented learning method. Throughout the course, you will be presented with multiple real cases. You will have to combine all your knowledge, and research, argue, and defend your ideas and decisions.

*The student will learn, through collaborative activities and real cases, how to solve complex situations in real business environments.*



## Re-learning Methodology

Our University is the first in the world to combine Harvard University case studies with a 100%-online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance Harvard case studies with the best 100% online teaching method: Re-learning.

*In 2019 we obtained the best learning results of all Spanish-language online universities in the world.*

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Re-learning.

Our University is the only one in the world licensed to incorporate this successful method. In 2019 we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best Spanish online university indicators.



In our program, learning is not a linear process, but rather a spiral (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

With this methodology we have trained more than 650,000 university graduates with unprecedented success. In fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

*Re-learning 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 to success.*

Based on the latest evidence in neuroscience, not only do we know how to organize information, ideas, images, memories, but we also know that the place and context where we have learned something is crucial for us to be able to remember it and store it in the hippocampus, and retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.



In this program you will have access to the best educational material, prepared with you 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 really specific and precise.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



### 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 our difficult future decisions.



### Practising Skills and Abilities

You will carry out activities to develop specific skills and abilities in each subject area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization we live in.



### Additional Reading

Recent articles, consensus documents, international guides. in our virtual library you will have access to everything you need to complete your training.





#### Case Studies

You will complete a selection of the best case studies in the field used at Harvard. Cases that are presented, analyzed, and supervised by the best senior management specialists in Latin America.



#### Interactive Summaries

We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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



#### Testing & Retesting

We periodically evaluate and re-evaluate your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.





06

# Certificate

The Postgraduate Certificate in Methodologies in Neuroeducation guarantees, in addition to the most rigorous and up-to-date training, access to a qualification issued by TECH Global University.



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*Successfully complete this training and receive your university degree without travel or laborious paperwork.*

This program will allow you to obtain **Postgraduate Certificate in Methodologies in Neuroeducation** 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.

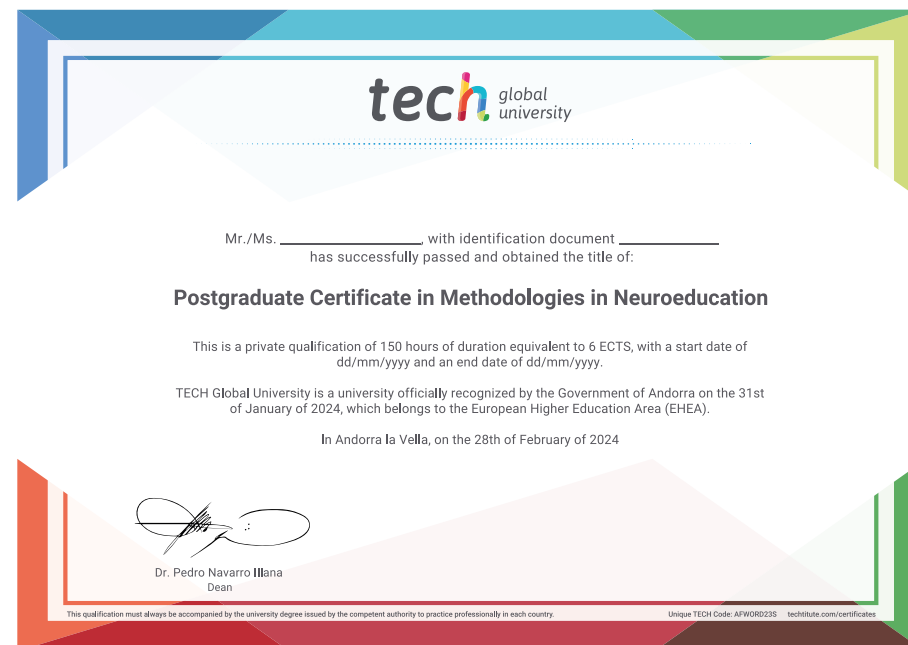
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future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development languages  
virtual classroom



**Postgraduate Certificate**  
Methodologies  
in Neuroeducation

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- » Duration: **6 weeks**
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- » Accreditation: **6 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**



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