Postgraduate Certificate

Assessment Methods, Methodologies, Models and Tools in Physical Neuroeducation

Endorsed by the NBA

tech global university

tech global university

Postgraduate Certificate

Assessment Methods, Methodologies, Models and Tools in Physical Neuroeducation

- Modality: **online**
- Duration: **12 weeks**
- Certificate: **TECH Global University**
- Credits: **12 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Website: **www.techtitute.com/us/physiotherapy/postgraduate-certificate/assessment-methods-methodologies-models-tools-physical-neuroeducation**

Index

01

Introduction

For years, countless pieces of research have been conducted on the advantages of physical education on children's cognitive processes. For this reason, it is important to have a program that focuses on providing the competencies needed to design and implement methods, methodologies, models and tools when assessing physical neuroeducation in schoolchildren. This will help them learn about Sport Education Models (SEMs) and how to Apply Problem-Based Learning or challenges.

Assess the effects of physical therapy on children's cognitive and emotional development"

The educational and physiotherapeutic community is fully aware of the benefits of physical activity in the development of children. Consequently, more and more educational centers are deciding to establish academic plans with a neuroeducational perspective, where psychomotor exercises, under professional supervision, enhance children's learning.

For all these reasons, it is necessary to have professionals who acquire the necessary tools to help them quantify and measure these advantages in schoolchildren. Hence the development of this program, focused on providing sports professionals with the mechanisms that will allow them to evaluate concepts based on the latest methods, methodologies and tools in the field.

All the content is available in a 100% online Postgraduate Certificate that gives students the ease of being able to study it comfortably, wherever and whenever they want. Students will only need a device with internet access to take their career one step further. A modality according to the current times with all the guarantees to position professionals in a highly demanded sector.

This **Postgraduate Certificate in Assessment Methods, Methodologies, Models and Tools in Physical Neuroeducation** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- Practical cases presented by experts in Neuroeducation
- 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

Learn a simple way, the tools to measure and quantify a strategy in physical neuroeducation"

If you are looking to expand your knowledge in new fields of physical neuroeducation, then this program is for you"

In such a competitive working world, specialization is the only tool at the service of the professionals when it comes to taking their knowledge to the next level.

A program designed for 21st century teachers, that understands their needs and prepares them for success in a way that is comfortable and adapted to their possibilities.

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 allow professionals to learn in a contextual and situated learning environment, i.e., a simulated environment that will provide immersive education programmed to prepare in real situations.

The design of this program focuses on Problem-Based Learning, by means of which professionals must try to solve the different professional practice situations that are presented to them throughout 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

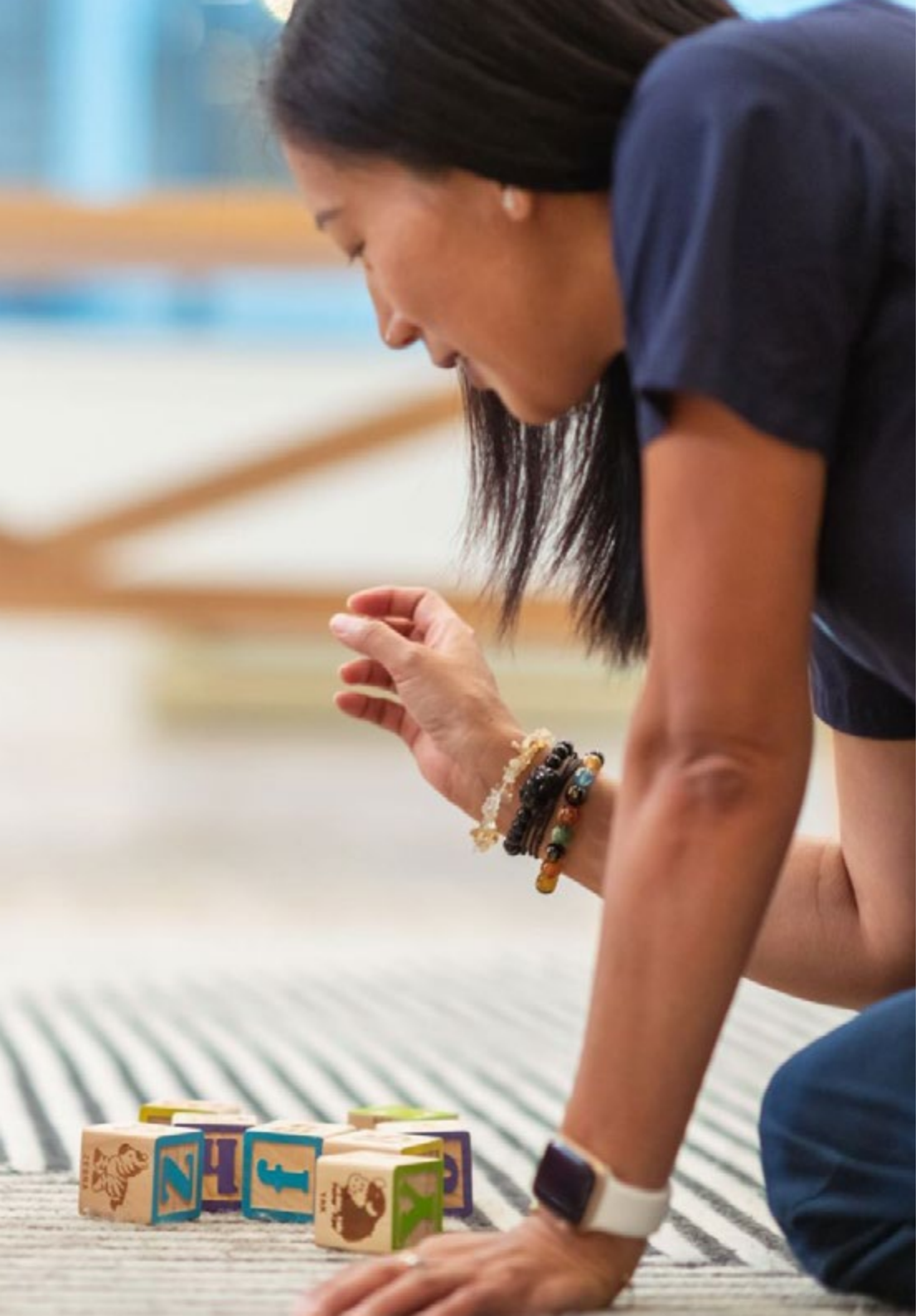
The Postgraduate Certificate in Assessment Methods, Methodologies, Models and Tools in Physical Neuroeducation will provide students with the academic excellence they need to compete with other professionals in this field. Consequently, the syllabus focuses on learning sports education models that allow for problem-based learning. Upon completion of the program, professionals will be able to achieve specialized education as Neuroeducation professionals in the field of motor action.

Get to know the sports education models that allow the application of problem-based learning"

General Objectives

- Implementing the innovations of Neuroeducation in the subject of physical education
- Achieve specialized education as neuroeducation professionals in the field of motor action

Study with the best experts in the method and technique evaluation in physical neuroeducation"



Specific Objectives

- Learn about new teaching methodologies through the Flipped Classroom
- Use gamification and ludification strategies to promote children's neurophysical learning
- Know other methods, tools and didactic strategies that would be promoted through Physical Neuroeducation

03

Course Management

Academic and professional excellence is achieved under the direction of an excellent group of experts, who provide students with all their knowledge and years of experience to ensure professional development. Therefore, this Postgraduate Certificate includes everything students need to specialize in Neurosciences, perfectly meeting the demands of today's labor market. This is what will ensure students the certainty of receiving the most up-to-date and complete information, being able to put into practice almost instantaneously everything they learn in each class.

Specialize under the guidance of an excellent group of experts and with the most up-to-date information on the market"

Management

Ms. Pellicer Royo, Irene

- Master's Degree in Emotional Education and Well-being
- Postgraduate in Neuroeducation
- Certificate in Management and Administration of Sports Entities
- Degree in Physical Activity and Sports Science Master's Degree in Medical Sciences applied to Physical Activity and Sport

Professors

Dr. De la Serna, Juan Moisés

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

Dr. Navarro Ardoy, Daniel

- PhD. Exercise Physiology Applied to Health Physical activity and health program Faculty of Medicine
- Degree in Physical Activity and Sports Science

Ms. Rodríguez Ruiz, Celia

- Specialization in clinical psychology and child psychotherapy
- Specialization in Cognitive Behavioral Therapy in Childhood and Adolescence
- Degree in Pedagogy
- Degree in Psychology

04

Structure and Content

The structure of the syllabus of this Postgraduate Certificate has been designed by a group of professionals of reference in this field of action, offering all their knowledge and multiple years of experience to guarantee the best academic update that future graduates can receive. This assures students that, by studying here, they will be able to acquire the skills they need to practice in this field with complete success. That is why his program is a unique opportunity for teacher growth and consolidation.

Understand how to evaluate the teaching process following a physical neuroeducation methodology"

Module 1. Methodologies, Methods, Tools and Didactic Strategies Favoring Physical Neuroeducation

1.1. Flipped Classroom or Inverted Classroom
- 1.1.1. Description
- 1.1.2. Practical Proposals
- 1.1.3. Recommendations for Implementation

1.2. Problem and Challenge Based Learning
- 1.2.1. Description
- 1.2.2. Practical Proposals
- 1.2.3. Recommendations for Implementation

1.3. Project-Based Learning
- 1.3.1. Description
- 1.3.2. Practical Proposals
- 1.3.3. Recommendations for Implementation

1.4. Case Method and Service Learning

1.5. Learning Environments
- 1.5.1. Description
- 1.5.2. Practical Proposals
- 1.5.3. Recommendations for Implementation

1.6. Motor Creativity or Corporal Synectics
- 1.6.1. Description
- 1.6.2. Practical Proposals
- 1.6.3. Recommendations for Implementation

1.7. Game-Based Learning
- 1.7.1. Description
- 1.7.2. Practical Proposals
- 1.7.3. Recommendations for Implementation

1.8. Ludification or Gamification
- 1.8.1. Description
- 1.8.2. Practical Proposals
- 1.8.3. Recommendations for Implementation

1.9. Other Methods, Tools and Didactic Strategies Favoring Physical Neuroeducation
- 1.9.1. Case Method
- 1.9.2. Didactic Contract
- 1.9.3. Corner Work
- 1.9.4. Aronson's Puzzle
- 1.9.5. Interactive Methodology
- 1.9.6. Technologies for Learning and Knowledge (TAC)
- 1.9.7. Portfolio

1.10. Methodological Guidelines and Recommendations for the Design of Programs, Units and Sessions Based on Physical Neuroeducation
- 1.10.1. Methodological Orientations According to Physical Neuro-Education
- 1.10.2. Recommendations for the Design of Programs, Didactic Units and Sessions based on Physical Neuroeducation
- 1.10.3. Examples of Units and Sessions Based on Physical Neuroeducation

Take your professional growth a step further by studying with a proven teaching methodology and the best didactic material"

05

Methodology

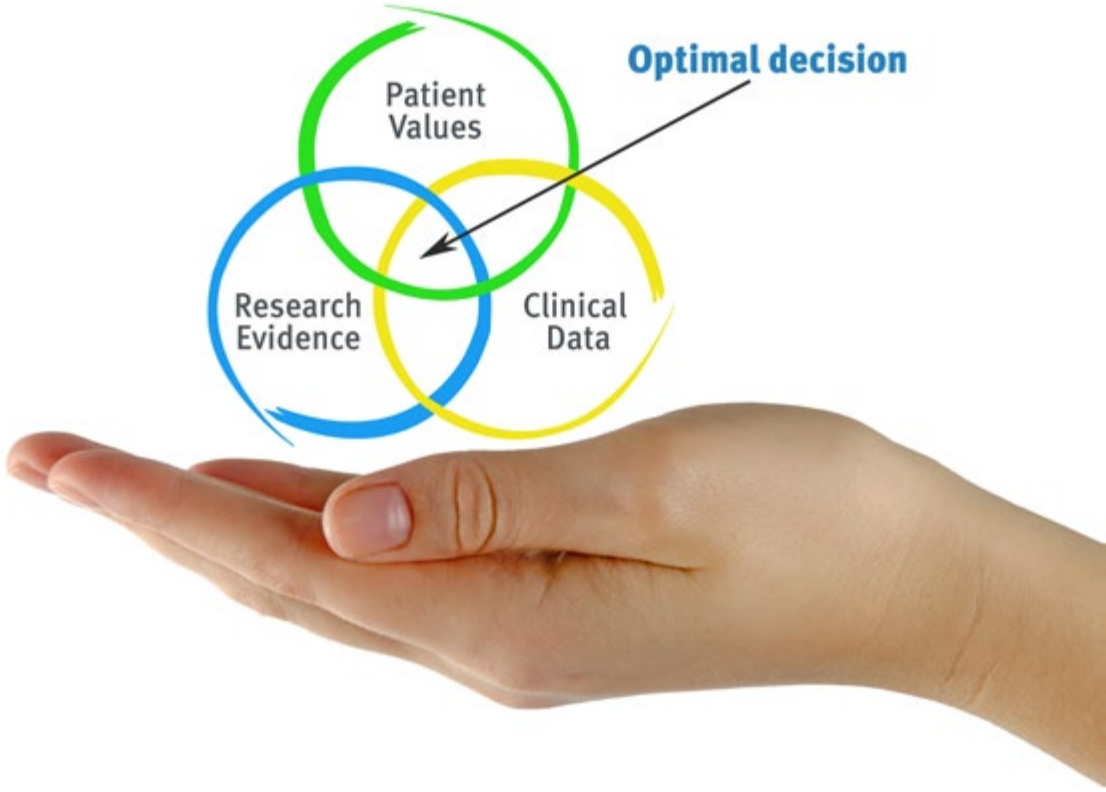
This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning.**
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

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 wtte 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. Physiotherapists/kinesiologists 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 of professional physiotherapy 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:

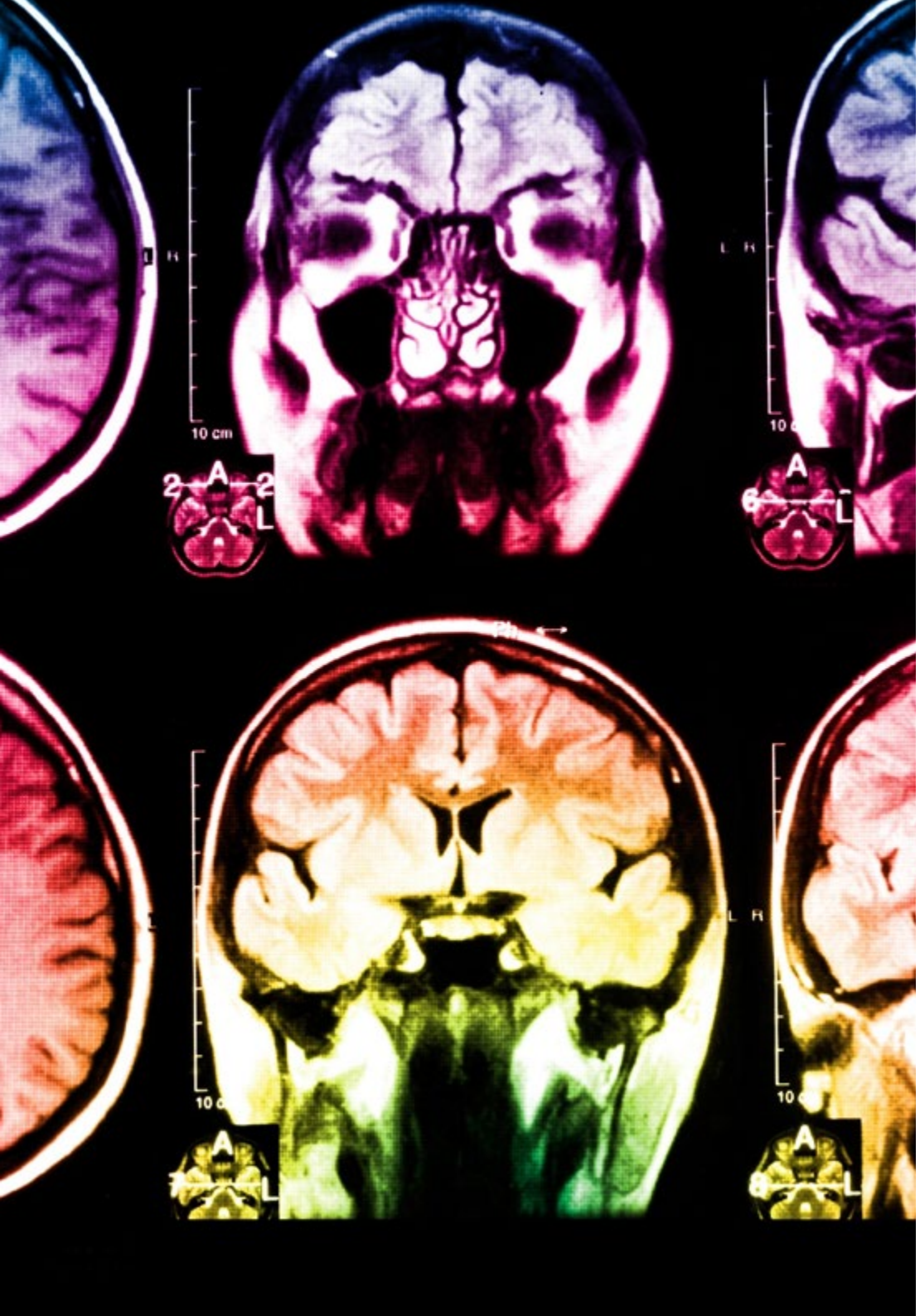
1. Physiotherapists/kinesiologists who follow this method not only grasp concepts, but also develop their mental capacity, by evaluating real situations and applying their knowledge.
2. The learning process has a clear focus on practical skills that allow the physiotherapist/kinesiologist to better integrate 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

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines 8 different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

The physiotherapist/kinesiologist 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 enabled more than 65,000 physiotherapists/kinesiologists with unprecedented success in all clinical specialties, regardless of the workload. Our educational 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 education, 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 really specific and precise.

These contents are then adapted in 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.

Physiotherapy Techniques and Procedures on Video

TECH brings students closer to the latest techniques, the latest educational advances and to the forefront of current Physiotherapy techniques and procedures. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, students can watch them as many times as they want.

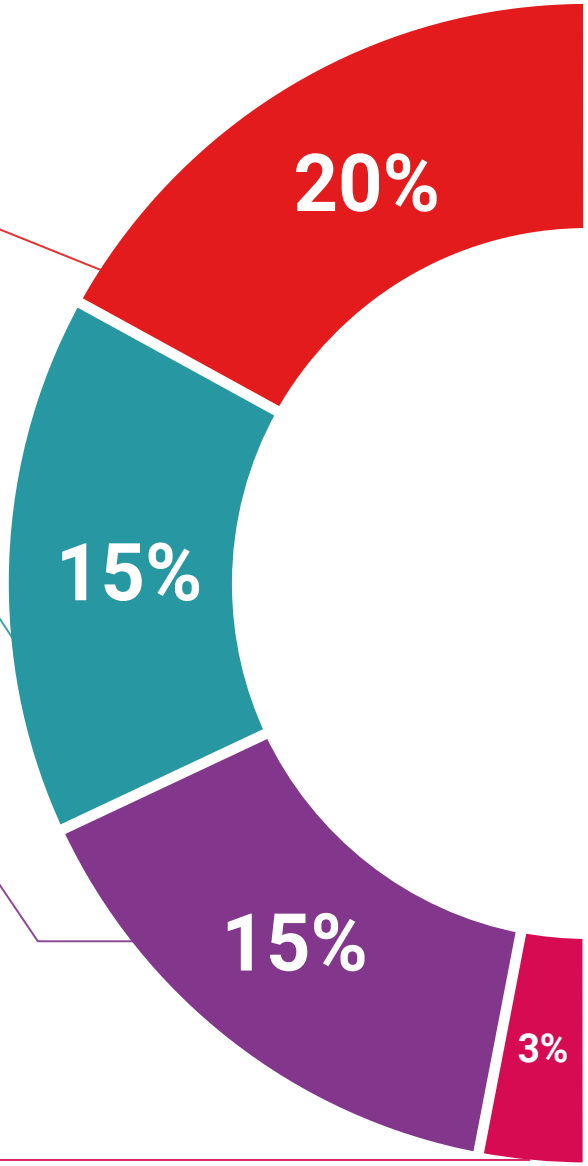
Interactive Summaries

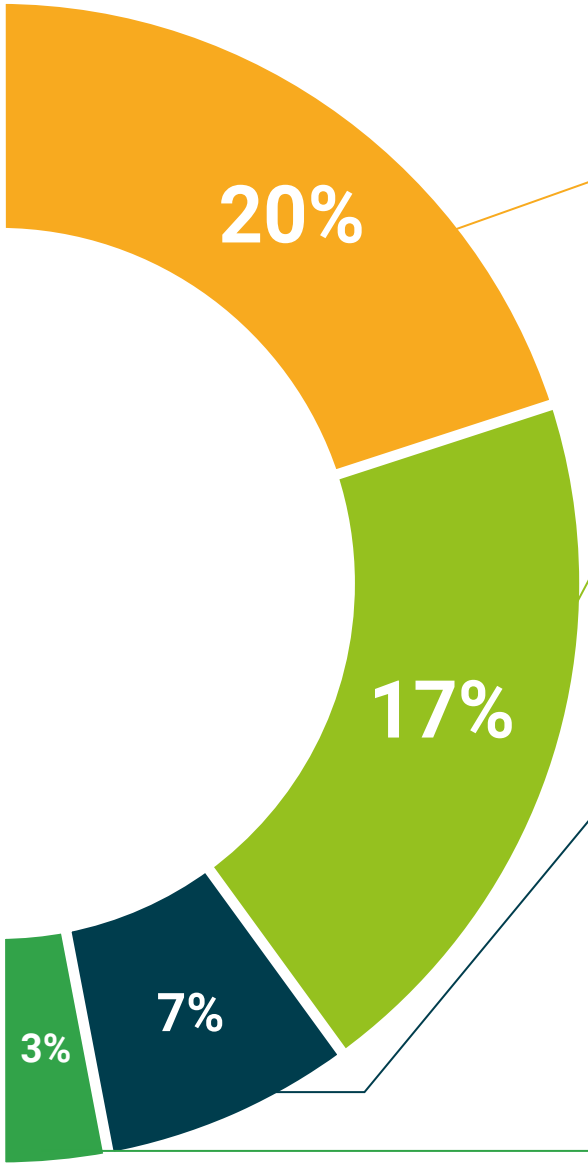
The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive 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 assess and re-assess 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 Physical Neuroeducation and Learning guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.

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

This program will allow you to obtain your **Postgraduate Certificate in Assessment Methods, Methodologies, Models and Tools in Physical 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.

Title: **Postgraduate Certificate in Assessment Methods, Methodologies, Models and Tools in Physical Neuroeducation**

Modality: **online**

Duration: **12 weeks**

Accreditation: **12 ECTS**


tech global university

Mr./Ms. _____, with identification document _____
has successfully passed and obtained the title of:

Postgraduate Certificate in Assessment Methods, Methodologies, Models and Tools in Physical Neuroeducation

This is a program of 360 hours of duration equivalent to 12 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

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 diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.

tech global university

Postgraduate Certificate

Assessment Methods, Methodologies, Models and Tools in Physical Neuroeducation

- Modality: **online**
- Duration: **12 weeks**
- Certificate: **TECH Global University**
- Credits: **12 ECTS**
- Schedule: **at your own pace**
- Exams: **online**

Postgraduate Certificate

Assessment Methods, Methodologies, Models and Tools in Physical Neuroeducation

Endorsed by the NBA

tech global university