



# Postgraduate Diploma Physical Education and Psychomotricity in Primary Education

» Modality: online

» Duration: 6 months

» Certificate: TECH Global University

» Credits: 18 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/education/postgraduate-diploma/postgraduate-diploma-physical-education-psychomotricity-primary-education

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> 06 Certificate





# tech 06 | Introduction

The objective of this Postgraduate Diploma in Physical Education and Psychomotricity in Primary Education is to offer a comprehensive preparation to teachers who wish to develop in this field, aiming to obtain the necessary skills to know how to program activities and exercises that promote children's development.

In this way, having teachers with a high level of knowledge in physical education and psychomotor skills will allow children to be enriched in this area and, therefore, acquire habits that they will be able to maintain for the rest of their lives, therefore also improving their health in the long term.

Thus, this is a unique study opportunity in which we have an educational program with a distribution of subjects designed to allow each student to manage their own time. In addition, you will have theoretical materials presented through enriched texts, multimedia presentations, exercises and guided practical activities, motivational videos, master classes and case studies at your disposal, allowing you to evoke knowledge in an orderly way and practice decision making that demonstrates your competence in the field of teaching.

This program is distinguished by the fact that it can be taken in 100% online, adapting to students' needs and obligations, in an asynchronous and completely self-manageable manner. Students will be able to choose which days, at what time and how much time to dedicate to the study of the contents of the program. Always in tune with the capabilities and skills dedicated to it.

This Postgraduate Diploma in Physical Education and Psychomotricity in Primary Education contains the most complete and up-to-date educational program on the market. The most important features include:

- The development of practical cases presented in simulated scenarios by experts in the area of knowledge, where the student will evoke in an orderly manner the knowledge learned and demonstrate the acquisition of the competences
- » 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
- » The latest developments on the educational task of the elementary school teacher
- » Practical exercises where the students undergo the self-assessment process to improve learning, as well as activities at different skill levels
- » Special emphasis on innovative methodologies and teaching research
- » Theoretical lessons, questions to the expert, debate forums on controversial topics, and individual reflection assignments
- Content that is accessible from any fixed or portable electronic device with an Internet connection





Sport is an essential activity in children's lives, so teachers must have the ability to plan appropriate activities for them"

Its teaching staff includes professionals in the field of Elementary Education, who pour their work experience into this course, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will with situated and contextual learning, i.e., a simulated environment that will deliver an immersive learning experience, programmed to prepare for real situations.

The design of this program focuses on Problem-Based Learning, by means of which teachers must try to solve the different professional practice situations that are presented to them. For this purpose, specialists will be assisted by an innovative interactive video system created by renowned and experienced experts in Physical Education.

You will have access to the contents from any fixed or portable device with internet connection, even from your cell phone.

The program invites us to learn and grow, to develop as teachers, to learn about educational tools and strategies in relation to the most common needs in our classrooms.







# tech 10 | Objectives



# **General Objectives**

- » Design, plan, deliver, and evaluate teaching and learning processes, both individually and in collaboration with other teachers and professionals of the center
- » Foster educational skills in teachers that will enable them to improve the way they teach their lessons



This program will allow you to acquire the necessary skills to develop your work with total guarantees of success"





#### Module 1. Knowledge of Physical Education and Sport in Primary Education

- » Know the origin and background of Physical Education
- » Discover what is understood by the concept of Physical Education and what is included in it
- » Recognize the conceptions of the body from their lived experiences and critically analyze the contribution that Physical Education can make to culture and society, in order to value its importance in the integral development of people
- » Compare the main paradigms developed from Physical Education for every stage with respect to the physical education experienced, reflecting and exposing their ideas
- » Know and value the main teaching and learning activities of Physical Education, as a strategy for the promotion of adherence to a systematic practice of physical activity
- » Clarify the relationship between Physical Education and events in daily life
- » Analyze challenges when facing Physical Education

#### Module 2. Physical Education Didactics in Primary Education

- » Know the teaching foundations in educational planning and intervention applicable to the teaching-learning process of Physical Education
- » Understand the relationship between theoretical teaching aspects and their practical application in Physical Education
- » Know the curriculum of physical education in Elementary School
- » Acquire the basic concepts of the subject, define them and relate them to
- » Promote the acquisition of knowledge for the development of planning, implementation and evaluation processes of physical education activities at school
- » Acquire skills in guidance, counselling and implementation of adaptations of the physical education curriculum and in the resolution of Teaching-Learning problems
- » Evaluate the teaching intervention of the motor practice according to physical education principles

# Module 3. Psychomotor Development of the Individual and its Treatment at School

- » Obtain an advanced knowledge of psychomotor development
- » Understand how humans control their movements with intent





## tech 14 | Course Management

#### **International Guest Director**

Phillip Ward, Ph.D., is passionate about **Physical Education** and the specialized training of **teachers** who will be engaged in this discipline at the **elementary** level. Throughout his career, he has been dedicated to improving instruction in the subject through **disruptive teaching tools** and **strategies**. His work has had a significant impact in countries such as the United States and **China**, even receiving official recognition from the government of the Asian country as a **High Level Foreign Expert**.

His research has promoted peer-assisted learning techniques in Physical Education. This methodological vision has been used and cited beyond the limits of the school subject and has been linked to areas such as Medicine and Special Education. Regarding the applications of his studies, he has published at least 160 articles and monographs. Also, he has appeared as co-author or author of chapters in scientific volumes and has attended more than 150 conferences around the world as a speaker.

On the other hand, Dr. Ward directs the Physical Education Teaching Research Program in the Department of Human Sciences at The Ohio State University. From there, he leads multi-methodological projects that integrate specialists linked to centers of study of global prestige. Among them, the University of Louvain (Belgium), the East China Normal University and the Hong Kong Institute of Education (China), the University of Tsukuba and the Nippon University of Sport Science-Nittaidai (Japan), and the University of West Virginia and Zinman College (Israel) stand out.

He has also been one of the eight specialists who published a **review** for the conformation of a **Doctorate program for Physical Education Teachers**. He is also a **consultant** for the Journal of Teaching in Physical Education and QuEST (Quality Improvement Experiential Student Training).



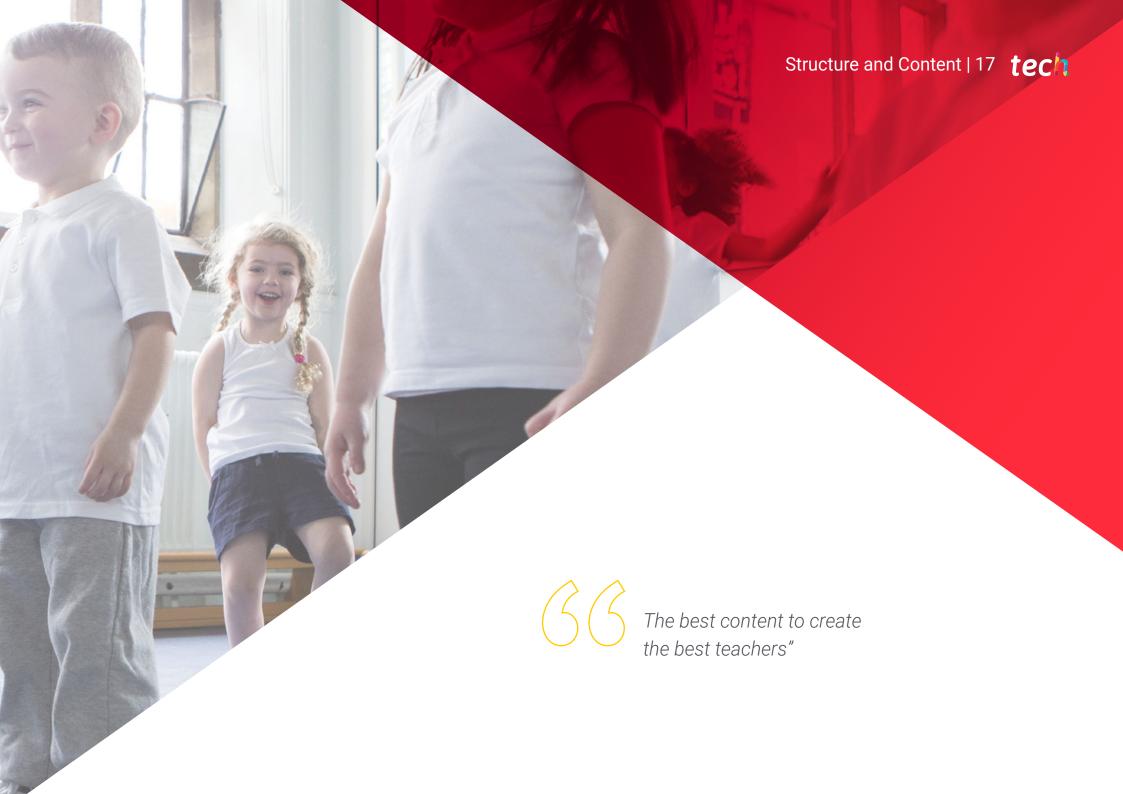
# Dr. Ward, Phillip

- » Director of Physical Education Research, Ohio State University, United States
- » Director of the Master's Degree in Athletic Training, Ohio State University, United States
- » Professor of Kinesiology, Department of Human Sciences, The Ohio State University, Ohio
- » Professor, Department of Health, Physical Education, Recreation and Dance, Illinois State University, Illinois
- » Consultant to the Department of Education and Physical Education, City of Victoria, Australia
- » Physical Education Teacher, Manningham Rd. Primary School, Victoria, Australia
- » Ph.D. in Physical Education Teaching, Ohio State University, Ohio State University
- » Master of Arts in Physical Education Teaching, Victoria College, Victoria, Australia
- » Bachelor of Education, Deakin University, Australia
- » Graduate Diploma in Sport Science from Victoria College, Australia
- » Graduate Diploma in Teaching from North Brisbane College of Advanced Education, Australia
- » Member of: International Association for Physical Education in Higher Education, National Academy of Kinesiology, National Association of Kinesiology in Higher Education, Society of Physical and Health Educators



Thanks to TECH you will be able to learn with the best professionals in the world"





### tech 18 | Structure and Content

# **Module 1.** Knowledge of Physical Education and Sport in Primary Education

- 1.1. History of Physical Education
  - 1.1.1. First Stage (First Half of the 19th century)
  - 1.1.2. Second Stage (Second Half of the 19th Century and First Half of the 20th Century)
  - 1.1.3. Third Stage (Second Half of the 20th century)
- 1.2. Currently
  - 1.2.1. Basic Motor Skills
  - 1.2.2. Sports
  - 1.2.3. Corporal Expression
  - 1.2.4. Motor Games
  - 1.2.5. Physical Activity for Health
  - 1.2.6. Activities in Nature
- 1.3. What is Physical Education Today?
  - 1.3.1. Unknowns to be Discovered
  - 1.3.2. Physical Education: Body and Movement
  - 1.3.3. Social Dimension of Physical Education
  - 1.3.4. The Sociocultural Perspective
- 1.4. Objectives and Contents
  - 1.4.1. Intentionality of Physical Education
  - 1.4.2. Objectives
  - 1.4.3. Current Content of Physical Education
- 1.5. Teaching Effectively
  - 1.5.1. How Should It Be Taught?
  - 1.5.2. How to be an Effective Teacher?
  - 1.5.3. Rules for Efficient Teaching-Learning

- 1.6. Pedagogical Aspects to Be Taken into Consideration
  - 1.6.1. Women
  - 1.6.2. Special Educational Needs
  - 1.6.3. Education for Nonviolence
  - 1.6.4. Discrimination and Social Exclusion
  - 1.6.5. Responsibility for the Environment
  - 1.6.6. Promoting Responsible Consumption
- 1.7. Relationships of Physical Education with Sport and Health
  - 1.7.1. Introduction
  - 1.7.2. Sport as Training/Learning
  - 1.7.3. Competitive Sports
  - 1.7.4. Sport as Health
- 1.8. Relationship Between Physical Education and Leisure Time
  - 1.8.1. Relations with Sports
  - 1.8.2. Maintenance Sports
  - 1.8.3. Recreational Sports
- 1.9. Body and Mind
  - 1.9.1. Human Physiology in Physical Exercise
  - 1.9.2. Lower Limb and Trunk
  - 1.9.3. Upper Limb and Neck
- 1.10. Challenges and Changes Facing Physical Education
  - 1.10.1. Education in the 21st Century
  - 1.10.2. Physical Education in the 21st Century
  - 1.10.3. Physical Education in the School of the Future

#### Module 2. Physical Education Didactics in Primary Education

- 2.1. Motor Development
  - 2.1.1. Introduction
  - 2.1.2. Motor Development and Executive Functions in Children from 6 to 12 Years of Age
  - 2.1.3. Neuromotor
  - 2.1.4. Resources for Neuromotor Development
- 2.2. Good Motor Competence is Achieved by Good Motor Learning
  - 2.2.1. Introduction to the Subject
  - 2.2.2. Key Concepts
  - 2.2.3. Physical Education as Part of Constructivist Development
  - 2.2.4. Motor Competence and Its Ecological Approach
- 2.3. Play as an Educational Resource
  - 2.3.1. Introduction
  - 2.3.2. Is it Possible to Work on Motor Skills by Playing?
  - 2.3.3. Characteristics and Implementation of the Motor Game
  - 2.3.4. Types and Strategies of Motor Games
- 2.4. Objectives, Contents and Assessment of Physical Education in the Curriculum
  - 2.4.1. Physical Education Competencies in Elementary School
  - 2.4.2. Physical Education Objectives in Elementary School
  - 2.4.3. Physical Education Assessment in Elementary School
  - 2.4.4. Content Development Proposals
- 2.5. Contents: Hygienic-Postural Habits
  - 2.5.1. Introduction
  - 2.5.2. Articulation by Articulation
  - 2.5.3. Strength
  - 2.5.4. Strength Learning Methods for Elementary School

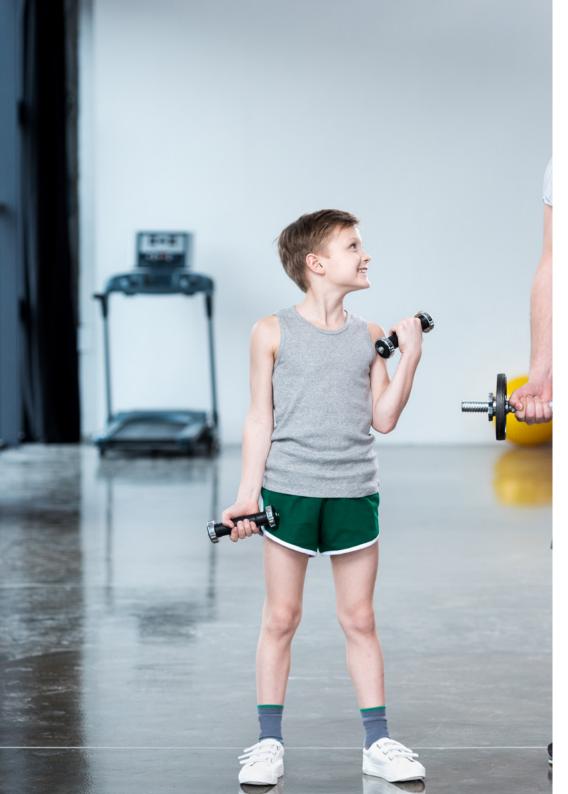
- 2.6. Contents: Basic Physical Capabilities
  - 2.6.1. Introduction
  - 2.6.2. Resistance
  - 2.6.3. Speed
  - 2.6.4. Movement
- 2.7. Contents: Basic Motor Skills
  - 2.7.1. Introduction
  - 2.7.2. Displacements
  - 2.7.3. Turns
  - 2.7.4. Jumps
  - 2.7.5. Launches
  - 2.7.6. Receptions
- 2.8. Contents: Sports Activities in the Area of Physical Education
  - 2.8.1. Introduction
  - 2.8.2. Individual Sports:
  - 2.8.3. Adversarial Sports
  - 2.8.4. Collective Sports:
  - 2.8.5. Evolution of the Conception of Sport up to the Present Day
- 2.9. Physical Education Methodology in Elementary School
  - 2.9.1. Classroom Scheduling
  - 2.9.2. Elements of a Didactic Unit in Physical Education
  - 2.9.3. Physical Education Teaching Resources and Materials
- 2.10. New Methodological Proposals
  - 2.10.1. Excellence, Creativity and Learning
  - 2.10.2. ICT in Physical Education
  - 2.10.3. Gamification in Physical Education

#### tech 20 | Structure and Content

# **Module 3.** Psychomotor Development of the Individual and its Treatment at School

- 3.1. Corporeality of the Individual
  - 3.1.1. Integrality of the Person and Psychophysical Relationships
  - 3.1.2. Ourselves
  - 3.1.3. Knowing the Entire Body
- 3.2. Motor Development
  - 3.2.1. Grow
  - 3.2.2. Motor Behavior and its Measurement
  - 3.2.3. Human Growth and Maturation
  - 3.2.4. Motor Development and the Influence of Physical Activity on Motor Development
- 3.3. Influence of Psychomotor Skills on Motor Development
  - 3.3.1. Motor Learning
  - 3.3.2. Objectives of Psychomotor Education
  - 3.3.3. Structuring of Motor Learning and Physical Development of the Child
  - 3.3.4. Psychomotor Skills and Education
- 3.4. Elements Influencing Psychomotor Development
  - 3.4.1. Body Image and Body Scheme
  - 3.4.2. Controlling Posture
  - 3.4.3. Breathing Control
  - 3.4.4. Laterality
  - 3.4.5. Spatial and Temporal Structuring
  - 3.4.6. Motor Coordination
  - 3.4.7. Relationship Between Early Learning and Psychomotor Skills
- 3.5. Disorders of Motor and Psychomotor Development
  - 3.5.1. What are Motor and Psychomotor Development Disorders?
  - 3.5.2. What are the Causes and Symptoms?
  - 3.5.3. How Do We Evaluate Psychomotor Development?
  - 3.5.4. Intervention Practices and Psychomotor Methodology

- 3.6. Basic Physical Capabilities
  - 3.6.1. Resistance
  - 3.6.2. Strength
  - 3.6.3. Speed
  - 3.6.4. Flexibility
  - 3.6.5. Agility
  - 3.6.6. Health Effects of Physical Activity
- 3.7. Motor Skills
  - 3.7.1. Communication
  - 3.7.2. What are Motor Skills?
  - 3.7.3. Motor Tasks and their Classification
  - 3.7.4. Motor Task Analysis
  - 3.7.5. Motor Tasks in Elementary School
- 3.8. Principles of Motor Learning
  - 3.8.1. Motor Learning
  - 3.8.2. Implementation of Motor Learning
  - 3.8.3. Phases and Models of Motor Learning
  - 3.8.4. Factors Influencing Motor Learning
  - 3.8.5. Transfer and Motor Learning
- 3.9. In the Field of Physical Education, We Find:
  - 3.9.1. What is Physical Education?
  - 3.9.2. What are your Objectives?
  - 3.9.3. What are its Contents?
  - 3.9.4. Individual Motor Actions in Stable Environments
  - 3.9.5. Motor Actions in Oppositional Situations
  - 3.9.6. Motor Actions in Cooperative Situations, with or without Opposition
  - 3.9.7. Motor Actions in Situations of Adaptation to the Physical Environment
  - 3.9.8. Motor Actions in Artistic or Expressive Situations
  - 3.9.9. Evaluation Criteria (Royal Decree 126/2014) -



# Structure and Content | 21 tech

3.10. Content Blocks Included in the Physical Education Field

3.10.1. Objectives of Physical Education

3.10.2. Block of Contents

3.10.3. Block 1: Common Contents

3.10.4. Block 2: Body Awareness

3.10.5. Block 3: Motor Skills

3.10.6. Block 4: Sports Games and Activiaties

3.10.7. Block 5: Artistic-Expressive Physical Activities



This program is the key to advancing your professional career, don't let this opportunity pass you by"



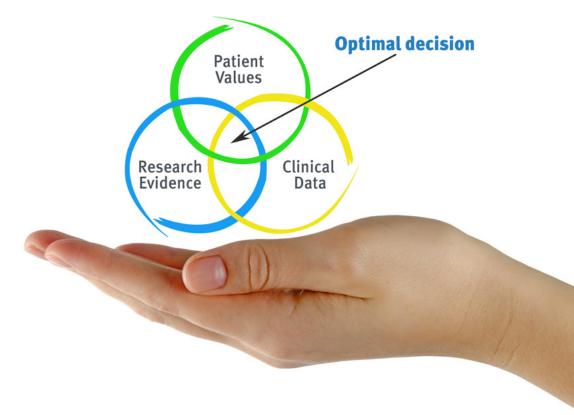


# tech 24 | Methodology

#### 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.



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:

- 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.



# tech 26 | Methodology

#### 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.



#### Methodology | 27 tech

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.

# tech 28 | Methodology

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

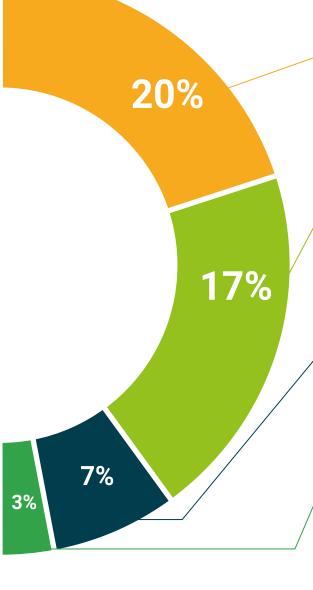
There is scientific evidence suggesting that observing third-party experts can be useful.

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.







## tech 32 | Certificate

This program will allow you to obtain your **Postgraduate Diploma in Physical Education and Psychomotricity in Primary Education** 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 Diploma in Physical Education and Psychomotricity in Primary Education

Modality: online

Duration: 6 months

Accreditation: 18 ECTS



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

## Postgraduate Diploma in Physical Education and Psychomotricity in Primary Education

This is a program of 450 hours of duration equivalent to 18 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



<sup>\*</sup>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 Diploma Physical Education and Psychomotricity in Primary Education

- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Global University
- » Credits: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

