

# Postgraduate Certificate

## Psychomotor Development in Early Childhood Education

Endorsed by the NBA



**tech** technological  
university



## Postgraduate Certificate Psychomotor Development in Early Childhood Education

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

Website: [www.techtute.com/in/sports-science/postgraduate-certificate/psychomotor-development-early-childhood-education](http://www.techtute.com/in/sports-science/postgraduate-certificate/psychomotor-development-early-childhood-education)

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# 01

# Introduction

A child's motor growth in the early years is accelerated and continuous, a complex process that is also influenced by psychology and emotions. Physically, cognitively, socially and emotionally, infants evolve at such a high rate that the fitness trainer needs to have an in-depth knowledge of all stages of development. During this program, the psychomotor development of infants is studied in depth, instructing the student on the intrinsic characteristics of the growth of children in their first years, in order to be able to design and put into practice different exercises that positively stimulate this growth.



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*Your goal is not so far away. Make a final sprint and improve your professional image with this Postgraduate Certificate in Psychomotor Development in Early Childhood Education"*

The first years of an infant's life are key to their development, influenced by physical, cognitive, social and emotional factors. Thus, there are various approaches to address the complex issue of children's growth, especially when talking about psychomotor development, since not all children share the same attributes and do not progress at the same pace in this area.

It is vital that the sports educator who works with children understands and knows this developmental process in depth, as it is key for daily methodology to know how to adapt the different activities to each child, whilst also working on their self-esteem and confidence. This Postgraduate Certificate in Psychomotor Development in Early Childhood Education guarantees that students, upon graduation, will obtain all the necessary knowledge required today in the field of early childhood physical education.

During the program, the most important features of a child's physical development are addressed, starting with the prenatal stage and analyzing the different age cycles up to the age of 12. Not only are these stages studied from an anatomical point of view, but the scientific relevance of the different methodologies and approaches with which to examine the evolution of the infant is also explored.

A Postgraduate Certificate in which students set their own study times, since it is a completely online program that does not require physical attendance at a center. Nor does it have a predetermined fixed schedule. Students have access to the course material at all times and can adapt the learning process to their personal, family or professional obligations.

This **Postgraduate Certificate in Psychomotor Development in Early Childhood Education** contains the most complete and up-to-date program on the market. The most important features include:

- ◆ The analysis of children's psychomotor development from different scientific perspectives and using different methodologies
- ◆ Graphic, schematic and eminently practical contents that facilitate study and bring together scientific findings that are essential for professional practice
- ◆ Didactic material updated in line with the latest studies available in early childhood education
- ◆ Practical exercises where the students undertake self-assessment to improve learning, as well as activities at different skill levels
- ◆ Special emphasis on innovative methodologies and teaching research
- ◆ Content that is accessible from any fixed or portable device with an Internet connection



*Reach your career goals and be the sports educator that every child wants by knowing how to adapt to their growth"*

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*To help children grow, you need to know them in depth. Master everything you need to know about psychomotor development in infants and specialize in a high demand field"*

The program's teaching staff includes professionals from 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 learning designed for 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.

*Work in the field you really like and differentiate yourself from the rest with this Postgraduate Certificate in Psychomotor Development in Early Childhood Education.*

*Continuous learning is vital in any field of sports work. TECH gives you the tools to never stop learning.*



# 02 Objectives

The Postgraduate Certificate in Psychomotor Development in Early Childhood Education allows students to meet their objectives of improving their level of knowledge in the subject, as well as focussing on an area in which higher specialization is frequently required. Therefore, the program has been designed with the following guidelines in mind.







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*Your goal is to improve, and TECH's goal is to help you be the best. Achieve it with this Postgraduate Certificate in Psychomotor Development in Early Childhood Education"*



## General Objectives

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- ◆ Address the issue of psychomotor development as broadly as possible, taking into account physical, cognitive and emotional factors
- ◆ Provide students with all the key knowledge in the field of infant development
- ◆ Understand the child's relationships with other infants and with the adults around them
- ◆ To enable students to design and plan physical activities with children in a suitable and beneficial way
- ◆ Know the physical and psychological features that mark the stages of children's growth and how they affect their development
- ◆ Analyze the different development cycles of infants, divided into age groups





## Specific Objectives

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- ◆ Analyze the processes of child development from a physical point of view
- ◆ Understand the processes of cognitive development
- ◆ Promote the processes of social and emotional development
- ◆ Identify the different stages of physical development
- ◆ Get to know the cognitive characteristics of the child
- ◆ Recognize the different approaches

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*You are well on your way to becoming a true expert. Don't think twice and enroll to continue on this path towards your best professional future"*

03

# Structure and Content

The contents of this Postgraduate Certificate include all the necessary knowledge to learn the fundamentals of psychomotor development in infants, as well as the different scientific approaches by stages that enable students to apply their learning effectively in the future. Divided into easily identifiable topics and subtopics, the structure of the course makes studying easier and more direct, and any doubts regarding a specific topic can be quickly clarified.





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*A program that makes it easy for you to focus your sports career on child psychomotor development"*

## Module 1. Psychophysical Development at School Age and its Pedagogical Implications

- 1.1. Child Development
  - 1.1.1. Definition of Development
  - 1.1.2. Characteristics of Child Development
  - 1.1.3. Influences on Child Development: Heredity, Environment and Critical Periods
  - 1.1.4. Psychological Theories and Models of Child Development
- 1.2. Neurological Bases of Child Development
  - 1.2.1. The Brain and its Influence on Learning
  - 1.2.2. Current Overview of Neuroscience applied to Early Childhood Education
- 1.3. Prenatal and Neonatal Development
  - 1.3.1. Periods of Prenatal Development
  - 1.3.2. Factors Influencing Prenatal Development
  - 1.3.3. Prenatal Stimulation
  - 1.3.4. The Birth Process
  - 1.3.5. Difficulties During Birth
  - 1.3.6. Breastfeeding
  - 1.3.7. The Newborn Baby
- 1.4. Physical Development from 0 to 3 Years
  - 1.4.1. Maturation and Growth
  - 1.4.2. Motor Capabilities
  - 1.4.3. Sensory Capabilities
- 1.5. Cognitive Development from 0 to 3 Years
  - 1.5.1. Piagetian Approach: Sensorimotor Stage
  - 1.5.2. Information Processing Approach
- 1.6. Social and Emotional Development from 0 to 3 Years Old
  - 1.6.1. Recognition of Others and the Self: Socialization and Self-Differentiation
  - 1.6.2. Sexual Identity
  - 1.6.3. Social Influences on Infant Development
  - 1.6.4. Temperament
  - 1.6.5. The First Emotions of the Child
  - 1.6.6. Attachment



- 1.7. Physical Development from 3 to 6 Years Old
  - 1.7.1. Maturation and Growth
  - 1.7.2. Motor Skills
  - 1.7.3. Brain Maturation
- 1.8. Cognitive Development from 3 to 6 Years Old
  - 1.8.1. Piagetian Approach: Preoperational Stage
  - 1.8.2. Vygotskian Approach
  - 1.8.3. Information Processing Approach
- 1.9. Social and Emotional Development from 3 to 6 Years Old
  - 1.9.1. Development of Self-concept and Autonomy
  - 1.9.2. Development of Sexual Identity
  - 1.9.3. Play and Relationships with Other Children
  - 1.9.4. Relationships with Adults
  - 1.9.5. Emergence of Social Emotions
  - 1.9.6. Emotional Intelligence in Early Childhood
- 1.10. Child Development from 7 to 12 Years Old
  - 1.10.1. Physical and Motor Development
  - 1.10.2. Cognitive Development
  - 1.10.3. Socio-Affective and Moral Development

“With this Postgraduate Certificate in Psychomotor Development in Early Childhood Education you will improve your resume and position yourself for the job you are looking for”



# 04

# 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"*

### Case Study to contextualize all content

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



*At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"*



*You will have access to a learning system based on repetition, with natural and progressive teaching throughout the entire syllabus.*



### A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch, which presents the most demanding challenges and decisions in this field, both nationally and internationally. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and professional reality is taken into account.

“*Our program prepares you to face new challenges in uncertain environments and achieve success in your career”*

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

The case method is the most widely used learning system in 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.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They will have to combine all their knowledge and research, and argue and defend their ideas and decisions.

## 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.

*In 2019, we obtained the best learning results of all 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 Relearning.

Our university is the only one in the world authorized to employ 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 online university indicators.



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.

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.

*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.*

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to 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.



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.



### 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.



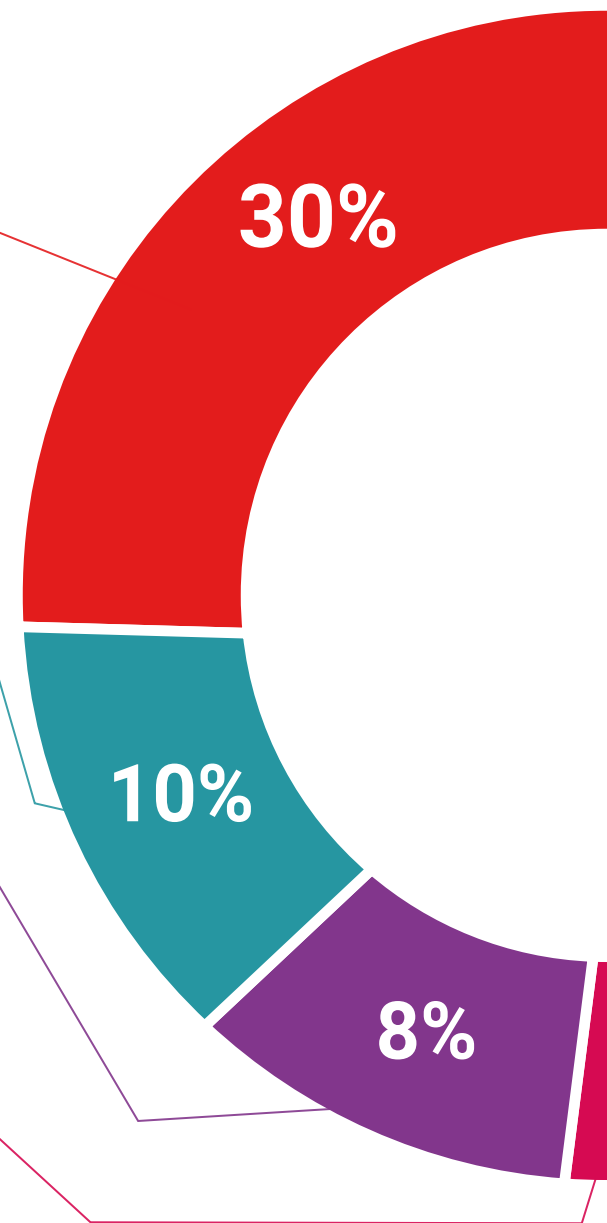
### Practising Skills and Abilities

They will carry out activities to develop specific competencies and skills in each thematic area. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop in the context of the globalization that we are experiencing.



### 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.





#### Case Studies

Students will complete a selection of the best case studies chosen specifically for this situation. Cases that are presented, analyzed, and supervised by the best specialists in the world.



#### 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".



#### 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.



# 05

# Certificate

The Postgraduate Certificate in Psychomotor Development in Early Childhood Education 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 Psychomotor Development in Early Childhood Education** contains the most complete and up-to-date scientific 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 certificate 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 Psychomotor Development in Early Childhood Education**

Official N° of Hours: **150 h.**

Endorsed by the NBA



\*Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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guarantee accreditation teaching

institutions technology learning

community commitment

**tech** technological  
university

personalized service innovation

knowledge present  
online training

development languages

virtual classroom

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