

# Postgraduate Certificate Childhood Education

Endorsed by the NBA





## Postgraduate Certificate Childhood Education

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

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

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# 01

# Introduction

The first years of a child's life are the most important in many respects, since their motor, linguistic, cognitive, emotional and even moral development will depend on the education they receive. Anyone considering working in Childhood Education should be aware of all these realities, especially when they are approached from the sports point of view, as this will be a great asset for the healthy development of the child. TECH has designed this program with the objective of teaching sports professionals the fundamentals of early stimulation or childhood self-sufficiency.





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*Sport is one of the best allies in the development of children. Learn all the fundamentals necessary to be the best physical educator they can have"*

The learning potential of a child during infancy has considerable exponential growth. As they develop their skills base, they begin to grow physically and psychologically, hence the special importance of the role of the educator during these early stages of life.

From the point of view of sports training, the child will begin to explore their physical possibilities and limitations based on the exercises and games he or she learns, so the instructor must be fully aware of all the factors that make up children's education. Thus, this Postgraduate Certificate will study child development, with special emphasis on underlying evolutionary processes, the factors that may affect it and the possible strategies to be implemented in response to it.

Likewise, infant diversity will be studied, being aware that there might be individual circumstances that may alter the development of the children's physical, motor and affective abilities. The student will be equipped to understand the different stages and rhythms at which children can evolve and know how to identify them.

A Postgraduate Certificate that delves into the key issues of early childhood education such as infant stimulation, developmental context, influences on learning, and ways to assess both the infant's self-concept and personal self-esteem.

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

- ♦ The study of practical cases presented in simulated scenarios by experts in the field, where students will effectively put their learning into practice and demonstrate their skills acquisition
- ♦ The graphic, schematic, and practical contents which they contain, provide scientific and practical information on the disciplines that are essential for professional practice
- ♦ The latest advances in sports teaching
- ♦ 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



*Explore the fundamentals of early childhood education to specialize in the teaching of children's sports"*

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*You will be an important part of the physical development of the children who are lucky enough to be your students. Enroll on this Postgraduate Certificate and get ready for the challenge of Childhood Education”*

The program’s teaching staff includes professionals in 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 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.

*Broaden your knowledge of Childhood Education by studying the concepts of child development in depth.*

*Learn how to properly educate children by understanding their early physical development and all factors that affect their self-esteem.*





# 02 Objectives

The Postgraduate Certificate in Childhood Education aims to offer the best possible instruction to future teachers working on the physical development of children, an aspect of vital importance at the ages that are key to developing their full potential. A series of objectives have been set out, through which, TECH can ensure that students will acquire all the fundamental and specific skills envisaged by the course.







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*You want to be the best children's sports educator and TECH is going to help you achieve it"*



## General Objectives

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- ♦ Develop the necessary skills to deliver lessons at the early childhood education stage in compliance with the educational objectives set out for these ages
- ♦ Equip students with all the key knowledge in the field of infant development
- ♦ Enable students to approach the design and planning of physical activities for children in an effective and beneficial way for them
- ♦ Know the physical and psychological features that mark the stages of children's growth and how they affect their development
- ♦ Explore the importance of family influence on the healthy growth of the infant
- ♦ Analyze child self-awareness and the psychological makeup of children in order to understand their self-esteem



*Surpass your most ambitious educational career goals thanks to this TECH Postgraduate Certificate, which will provide the key to boosting your career in Childhood Education"*







## Specific Objectives

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- ◆ Know the latest research on child development
- ◆ Build an overall view of the developmental processes that comprise it
- ◆ Understand the factors that affect children during the first years of life
- ◆ Identify the main processes and stages of psychological development throughout the life cycle
- ◆ Analyze and evaluate the developmental characteristics
- ◆ Identify the demands, problems and differences of the human being in the different stages
- ◆ Know, understand and assist in the emergence of self-knowledge
- ◆ Lay the foundations of self-concept and self-esteem, one of the most rewarding tasks of the Childhood Education teacher
- ◆ Learn about factors that facilitate the development of autonomy in the classroom and some key elements for the separation-individuation process
- ◆ Address these aspects and how they interact with each other to have a holistic view of the process at this educational stage
- ◆ Identify warning signs relating to the student's level of self-esteem
- ◆ Know how to evaluate self-concept

# 03

## Structure and Content

The syllabus has been designed by leading experts in the educational field, with far-reaching careers and recognized prestige in the profession, backed by their experience. This, together with an impressive mastery of new educational technologies, guarantees that students will have access to up-to-date and high-quality content allowing them to direct their future work towards Childhood Education.







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*The finest teachers will provide you with the best knowledge on Childhood Education. At TECH, we have brought them together to create this Postgraduate Certificate that will be key to your future”*

## Module 1. Early Education

- 1.1. Early Care and Education Concepts
  - 1.1.1. The Shift from Early Stimulation to Early Care
  - 1.1.2. Definition of Early Care
  - 1.1.3. Fundamentals of Early Childhood Care
  - 1.1.4. Objectives, Principles and Levels of Early Care
  - 1.1.5. Levels of Early Care Prevention
  - 1.1.6. Early Care Support Service
  - 1.1.7. Family-Centered Early Care
- 1.2. Basis of Motor Development
  - 1.2.1. Psychomotor Development and Perfection of Movements
  - 1.2.2. Concepts of Development, Maturation, Growth and Learning
  - 1.2.3. Motor Development: Beginnings and Basic Patterns
- 1.3. Basis of Cognitive Development
  - 1.3.1. Neurological Bases of Cognitive Development
  - 1.3.2. Psychological Bases of Cognitive Development
  - 1.3.3. Cognitive Development from 0 to 2 Years
  - 1.3.4. Cognitive Development from 3 to 6 Years Old
- 1.4. Social-Emotional Development in Early Childhood Care
  - 1.4.1. Socio-Emotional Development
  - 1.4.2. Emotional Regulation
  - 1.4.3. Attachment
  - 1.4.4. The Family as a Principle of Affective-Emotional Development
  - 1.4.5. The School, Children's Needs and Emotional and Affective Well-Being
  - 1.4.6. Development of Autonomy, Self-concept and Self-esteem
  - 1.4.7. Moral Development and Values Education in the Early Stages
- 1.5. Diversity Programs
  - 1.5.1. Diversity and Inclusion
  - 1.5.2. The Classroom as a Space for Diversity
  - 1.5.3. Adapted Methodologies for the Attention of Diversity
  - 1.5.4. Play as a Means to Achieve Learning and Participation
- 1.6. Early Stimulation
  - 1.6.1. Early Stimulation
  - 1.6.2. Where Can Stimulation Be Carried Out?
  - 1.6.3. Stimulation Duration and Materials
- 1.7. Basis to Structure an Early Childhood Stimulation Program
  - 1.7.1. Biological Basis of the Brain
  - 1.7.2. The Processes of Brain Development and Developmental Milestones
  - 1.7.3. Socio-cultural Reality
- 1.8. Development Programs as a Formal Modality in the Educational Project
  - 1.8.1. Fundamental Ideas
  - 1.8.2. General Objectives
  - 1.8.3. Concepts and Guidelines to Follow
- 1.9. Influences on Child Development
  - 1.9.1. Factors Influencing Comprehensive Development in Childhood
  - 1.9.2. The Role of the Family and its Relationships
  - 1.9.3. The Role of the Environment
- 1.10. Psychomotor and Sound Stimulation
  - 1.10.1. Movement and Psychomotor Skills in Early Stimulation
  - 1.10.2. General Recommendations for Psychomotor Development
  - 1.10.3. Sensory Periods and Early Stimulation
  - 1.10.4. Areas of Activity

**Module 2. Self-knowledge and Personal Autonomy in Childhood Education**

- 2.1. The Development Environment
  - 2.1.1. Definition of Self-Awareness, Self-Concept and Self-Esteem
  - 2.1.2. The First Context of Development: The Family Environment
  - 2.1.3. The Age for Breastfeeding
  - 2.1.4. The Role of Parents in Child Development
- 2.2. The Origins of Competition
  - 2.2.1. Introduction
  - 2.2.2. Individual Differences at Birth
  - 2.2.3. Cognitive Development
  - 2.2.4. Communication
  - 2.2.5. Motivation
- 2.3. Development of the Sense of Self: Background
  - 2.3.1. Introduction
  - 2.3.2. Freudian Theory of Development
  - 2.3.3. Some Key Psychoanalytic Theories in Development
  - 2.3.4. Theoretical Models of Cognitive Development
  - 2.3.5. The Computational Approach or Cognitive Psychology
  - 2.3.6. The Systemic Approach to Development
  - 2.3.7. Early Emotional Development
- 2.4. The Importance of Others
  - 2.4.1. Introduction
  - 2.4.2. Link
  - 2.4.3. Fear of Strangers
  - 2.4.4. Response to the Absence of Family Figures
- 2.5. Self-Concept: Current Situation and Teaching Role
  - 2.5.1. Conceptual Delimitation and Components of Self-Concept
  - 2.5.2. Stages of Self-Concept Development
  - 2.5.3. Self-Concept: Hierarchical-multidimensional Model
  - 2.5.4. Self-Concept: Academic and Non-Academic Dimensions
  - 2.5.5. The Teacher's Role in Self-Concept
- 2.6. The Origins of Autonomy
  - 2.6.1. Introduction
  - 2.6.2. The Separation-Individuation Process
  - 2.6.3. Separation Resistance
  - 2.6.4. Non-Autonomous Operation
- 2.7. Autonomy and Learning
  - 2.7.1. Introduction
  - 2.7.2. Learning How to Face Reality
  - 2.7.3. The Role of Play in Learning to Confront Reality
- 2.8. The Child in the Family: Influences on Learning
  - 2.8.1. Introduction
  - 2.8.2. Relationship with Parents
  - 2.8.3. Relationship with Siblings
- 2.9. Development of self-awareness and Autonomy in the Early Childhood Classroom
  - 2.9.1. Introduction
  - 2.9.2. Learning How to Learn
  - 2.9.3. Practical Resources for Self-Awareness Education
  - 2.9.4. Guidelines for Autonomy Education in the Classroom
  - 2.9.5. Final Conclusions
- 2.10. Assessment of Self-Concept and Self-Esteem in the Early Childhood Classroom
  - 2.10.1. Introduction
  - 2.10.2. First Considerations on the Assessment of Self-Concept and Self-Esteem
  - 2.10.3. Assessment of Self-Concept and Self-Esteem in the Classroom
  - 2.10.4. Warning Signs to Detect Potential Self-Concept and Self-Esteem Problems in Children



# 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.

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*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.*



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

### 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 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 Childhood Education guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.







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*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 Childhood 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 Certificate in Childhood Education**

Modality: **online**

Duration: **12 weeks**

Accreditation: **12 ECTS**



\*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.

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community commitment

**tech** global  
university

personalized service innovation

knowledge present

online training

development languages

virtual classroom

## Postgraduate Certificate Childhood Education

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