



## Postgraduate Certificate Social Development in Pre-School Education

» Modality: online

» Duration: 6 weeks

» Certificate: TECH Technological University

» Dedication: 16h/week

» Schedule: at your own pace

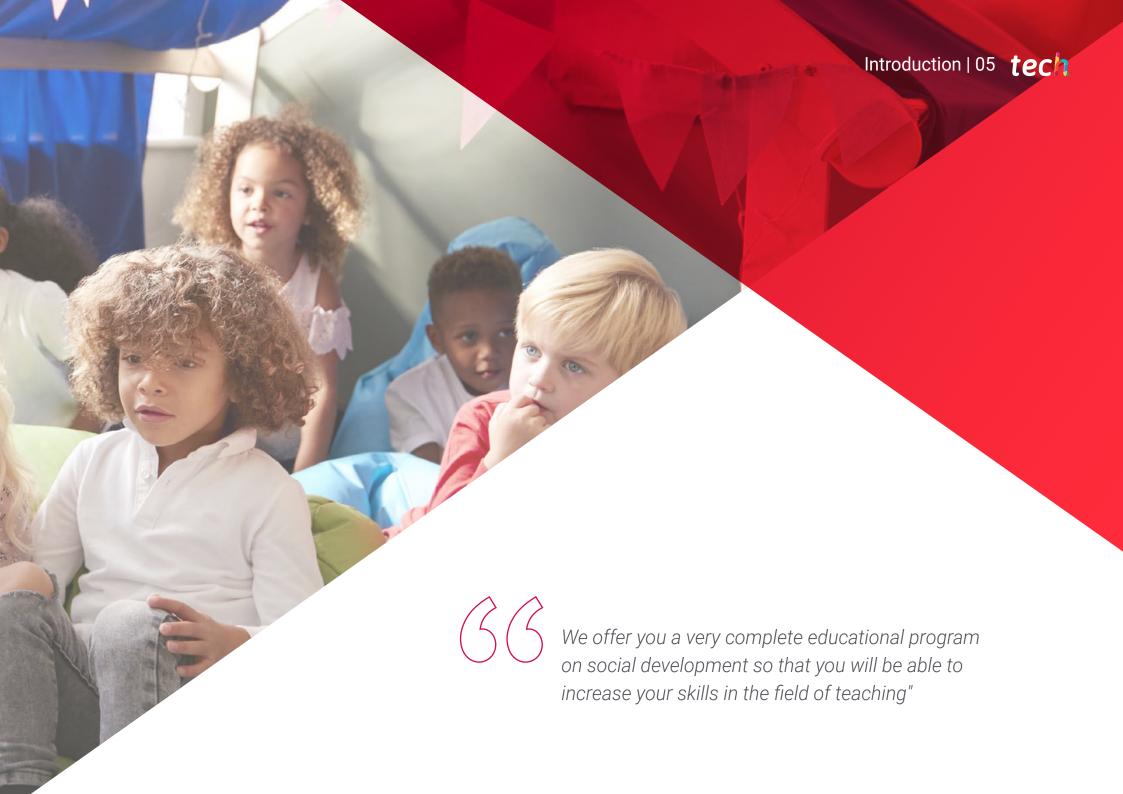
» Exams: online

Website: www.techtitute.com/us/education/postgraduate-certificate/social-development-pre-school-education

## Index

 $\begin{array}{c|c} 01 & 02 \\ \hline & \\ \hline \\ 03 & 04 \\ \hline \\ \hline \\ Structure and Content \\ \hline \\ \hline \\ p. 12 & \\ \hline \\ \hline \\ p. 12 & \\ \hline \\ D & \\$ 





## tech 06 | Introduction

In this Postgraduate Certificate, the most appropriate teaching and learning processes of the natural environment and environmental education for Pre-School Education are studied. For this purpose, it is intended that the future teacher knows the school syllabus, the teaching fundamentals and the main models applied in the teaching of science. All this with the aim of developing the skills and attitudes required to guide scientific education and experimentation in the classroom by taking advantage of the curiosity and interests of the students.

On the other hand, methodologies and strategies are also studied to carry out effective teaching proposals of work in the classrooms of Pre-School Education. In addition, topics such as personal autonomy, coexistence in the classroom and coexistence are analyzed. All of them are essential pieces of knowledge for future teachers.

This education is distinguished by the fact that it can be taken in a 100% online format, adapting to the needs and obligations of the student, in an asynchronous and completely self-manageable manner. The student 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.

The order and distribution of the subjects and their topics is specially designed to allow each student to decide and self-manage their time. For this purpose, you will have at your disposal theoretical materials presented through enriched texts, multimedia presentations, exercises and guided practical activities, motivational videos, master classes and case studies, where you will be able to evoke knowledge in an orderly manner and work on decision-making that demonstrates your high-level education within this field of teaching.

This Postgraduate Certificate in Social Development in Pre-School 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 scenarios in simulated scenarios by experts in each area of study, where the student will effectively put their learning into practice and demonstrate skills acquisition
- 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 in social and natural environment education
- 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 device with an Internet connection



If you are looking to excel in your profession, do not think twice, at TECH, we offer you the most complete program of the moment"



We offer you the best teaching methodology with a multitude of practical cases so that you can develop your study as if you were facing real cases"

The program's teaching staff includes professionals from the field of education, who bring to this program their work experience, as well as renowned specialists from prestigious reference societies and universities.

Its 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 an immersive education programmed to learn 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 throughout the program. For this purpose, the professor will be assisted by an innovative interactive video system created by renowned and experienced experts in Social Development and with great teaching experience.

Acquire a higher professional level that will allow you to compete with the best thanks to the completion of this Postgraduate Certificate.

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 Objective**

• Develop in the teacher the necessary competences to teach their lessons in the Pre-school Education stage, complying with the educational objectives foreseen and focused on the teaching of the social and natural environment





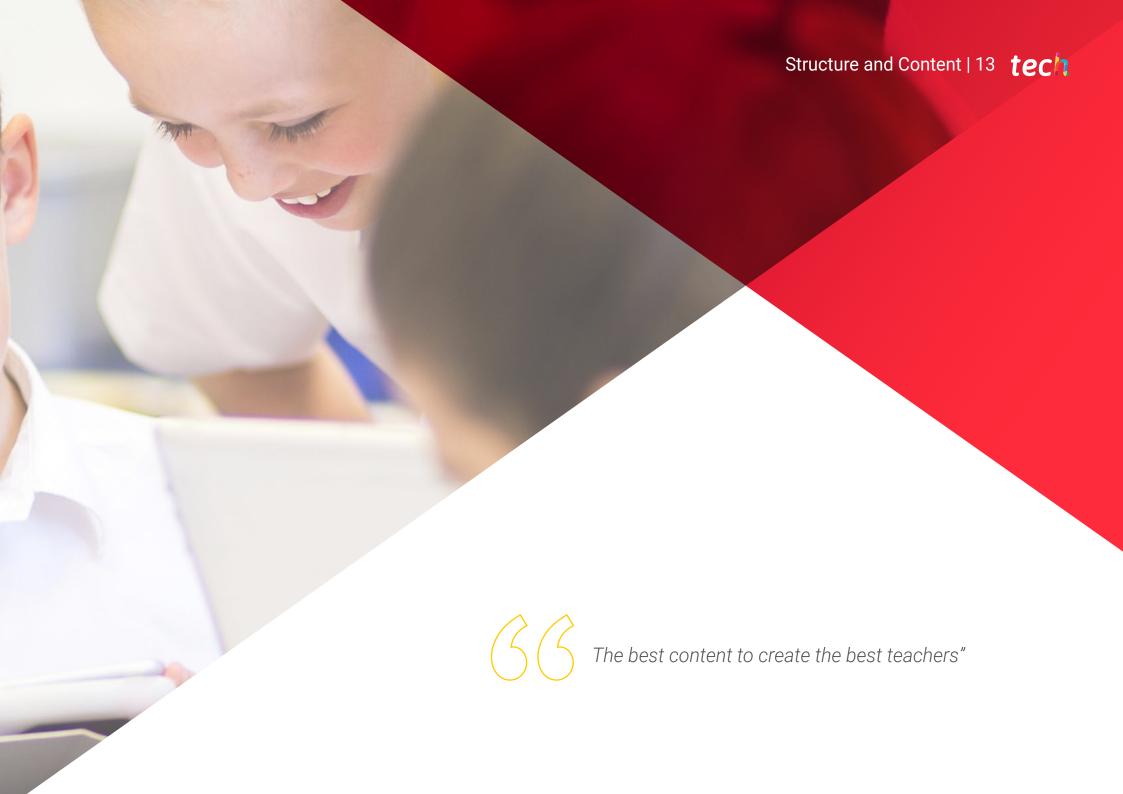


## **Specific Objectives**

- Acquire theoretical and practical knowledge about the teaching and learning processes of the natural environment and environmental education most appropriate for Pre-School Education
- Become familiar with the teaching foundations, with the main models applied in
  the teaching of science and with the school syllabus, always combining practical
  examples or enriching experiences in the classroom, which allow them to develop
  the necessary skills and attitudes to guide scientific education and experimentation
  in the classroom, making the most of the child's curiosity and interests
- Apply the teaching of natural sciences in Pre-School Education
- Raise awareness of environmental problems in the infant stage
- Approach different topics that will allow students to acquire essential knowledge for the good development of their future work as teachers
- Provide the necessary bases to learn how to convert generic programs into adequate and concrete programs that favor the teaching and learning process and its evaluation in the classroom
- Provide the student with strategies and methodologies to develop effective teaching proposals to work with Pre-School Education students







## tech 14 | Structure and Content

## Module 1. Teaching of the Natural and Social Environment

- 1.1. The Teacher and Natural Sciences in Pre-School Education
  - 1.1.1. Teaching of Natural Sciences
  - 1.1.2. Science Education in Pre-School Education
  - 1.1.3. Teacher Education and Attitude towards Science
  - 1.1.4. Teaching Transposition and School Science
  - 1.1.5. The Child in the Pre-School Education Stage and their Relationship with the Natural Environment
  - 1.1.6. Previous Ideas and Their Influence on Natural Sciences Learning
  - 1.1.7. Importance of Teaching Intervention
  - 1.1.8. Learning and Adaptation Rhythms
- 1.2. Programming of Teaching Units in Natural Sciences: What are We Going to Teach, How and in How Much Time?
  - 1.2.1. Planning and Design of Teaching Units
  - 1.2.2. Design of a Teaching Unit
  - 1.2.3. Evaluation of the Teaching-Learning Process
  - 1.2.4. Evaluation Techniques and Instruments
  - 1.2.5. Methodologies for Teaching Natural Sciences in Pre-School Education
  - 1.2.6. Teaching Materials and Resources for the Teaching of Science
  - 1.2.7. Doing Science at School. Initiation to Experimental Work
  - 1.2.8. Learning Natural Sciences outside the Classroom
- 1.3. Teaching Experiences in the Pre-School Classroom. Experimental Work and its Importance
  - 1.3.1. Principles of Educational Intervention in Pre-School Education
  - 1.3.2. Play as the Axis of Educational Action
  - 1.3.3. Globalizing Strategies
  - 1.3.4. Concrete Methods
  - 1.3.5. Experimental Work: Scientific Method
  - 1.3.6. Obtaining Information: Observation
  - 1.3.7. Experimentation: Scientific Strategies
  - 1.3.8. Inquiry and Communication of Results



## Structure and Content | 15 tech

- 1.4. Environmental Education in Pre-School Education
  - 1.4.1. Concept of Environmental Education
  - 1.4.2. Concept of Sustainable Development
  - 1.4.3. Objectives of Environmental Education in the Syllabus
  - 1.4.4. The Development of Attitudes and Values
  - 1.4.5. Teaching of Environmental Education
  - 1.4.6. Environmental Problems
  - 1.4.7. Environmental Impacts of Human Activities
- 1.5. Proposal of Practical Activities for Pre-School Education
  - 1.5.1. Workshops
  - 1.5.2. Outings
  - 1.5.3. The Garden
  - 1.5.4. Games and Dynamics
  - 1.5.5. ICT Resources
  - 1.5.6. Animals at School
- 1.6. Knowledge of the Social and Cultural Environment in the Pre-School Education Syllabus
  - 1.6.1. The Contents of Social Sciences in the Pre-School Education Syllabus
  - 1.6.2. The Process of Social Learning in the Child
  - 1.6.3. Contents on Social Belonging in Pre-School Education
  - 1.6.4. Citizenship Values in Today's Society
  - 1.6.5. Person and Society, the Framework for Action
  - 1.6.6. Parents, the School and the Community
  - 1.6.7. The Students: Teaching Principles for the Knowledge of the Social Environment
  - 1.6.8. The Social and Cultural Context of the Pre-School
- 1.7. Teaching-Learning of Space and Time in the Pre-School Classroom
  - 1.7.1. The Space in the Pre-School Syllabus
  - 1.7.2. How Do Children Conceptualize Space?
  - 1.7.3. Children's Worldview and Understanding of Space in Pre-School Education
  - 1.7.4. Working with Maps: Teaching Children to Situate Themselves and Locate Objects in Space
  - 1.7.5. Time Learning
  - 1.7.6. Teaching History in Pre-School Education
  - 1.7.7. Acquisition of the Concept of Causality

- 1.8. Self-Concept in Pre-School Children: Self-Knowledge, Personal Autonomy and Daily Life
  - 1.8.1. Self-Awareness and Personal Autonomy
  - 1.8.2. The Construction of One's Own Interpretative Framework
  - 1.8.3. Self-Knowledge and Personal Autonomy from the Teaching of Social Sciences
  - 1.8.4. Teaching Activities and their Evaluation. The Globalized Approach
- 1.9. Social Sciences and Multiple Intelligences
  - 1.9.1. Howard Gardner's Multiple Intelligences
  - 1.9.2. Understanding the Theory of Multiple Intelligences to Teach the Social and Cultural Environment
  - 1.9.3. Building on Children's Preconceptions
  - 1.9.4. Personal Intelligences
  - 1.9.5. Developing Spatial Intelligence
  - 1.9.6. Comprehensive Evaluation
  - 1.9.7. In Conclusion
- 1.10. Programming and Evaluating the Knowledge of the Social and Cultural Environment in Pre-school
  - 1.10.2. When to Teach? The Importance of Programming
  - 1.10.3. Why Teach? Objectives
  - 1.10.4. What to Teach? Contents
  - 1.10.5. How to Teach? Methodology
  - 1.10.6. What. How and When to Evaluate?
  - 1.10.7. Programming in Pre-School Education



Our goal is to achieve academic excellence and to help you achieve it too"



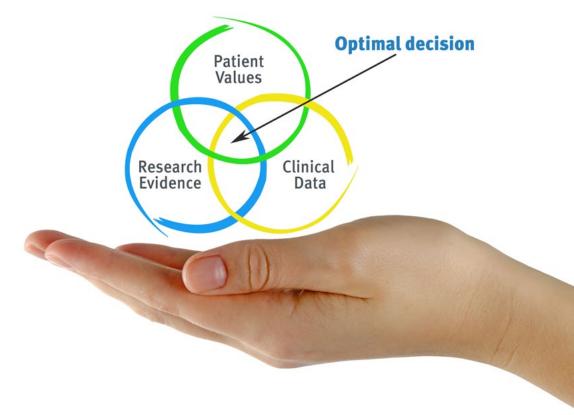


## tech 18 | Methodology

## 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 20 | 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 | 21 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 22 | 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 26 | Certificate

This **Postgraduate Certificate in Social Development in Pre-School Education** contains the most complete and up-to-date 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 diploma 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 Social Development in Pre-School Education Official N° of Hours: 150 h.



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

technological university

# Postgraduate Certificate Social Development in Pre-School Education

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

