

# Postgraduate Certificate Early Childhood Hearing and Language Innovation





## Postgraduate Certificate Early Childhood Hearing and Language Innovation

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

Website: [www.techtute.com/us/education/postgraduate-certificate/early-childhood-hearing-language-innovation](http://www.techtute.com/us/education/postgraduate-certificate/early-childhood-hearing-language-innovation)

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01

# Introduction

Teachers who teach children with hearing and language impairments need to have a high level of knowledge in new technologies adapted to the needs of these people. For this reason, this very complete program has been designed for teachers to acquire specific skills that allow their educational development.



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*Learn about the most innovative tools for teaching children with hearing and language impairment and give your career a boost"*

The objective of this Postgraduate Certificate in Early Childhood Hearing and Language Innovation is to prepare teachers of this educational stage in the application of new technologies in their daily work with children with hearing problems and language difficulties.

For this purpose, this Postgraduate Certificate will show the different existing ICT (Information and Communication Technologies) resources for a better care of students with hearing and/or language difficulties or disorders. In this way, information and communication technologies will be studied, as well as learning and knowledge technologies, and some general use tools.

In addition, the student will learn about the main technologies applied to hearing and language, starting with oral and written language disorders, and continuing with hearing disorders. To conclude this educational program, students will be up to date on augmentative and alternative communication systems.

This program 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 way. 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 syntony with the capacities and aptitudes dedicated to it.

The order and distribution of the subjects and their units is specially designed to allow each student to choose their own schedule 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 Early Childhood Hearing and Language Innovation** 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 field of study, where the student will evoke in an orderly manner the knowledge learned and demonstrate the acquisition of the competencies
- ♦ 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 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



*Improving teachers' skills is essential to offer students quality education"*

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*Offering personalized and inclusive teaching to children with Hearing and Language impairment is a must for all schools and teachers. Don't think twice and get qualified in this field"*

Its teaching staff includes professionals belonging to the field of education, who contribute their work experience to this training, as well as renowned specialists from reference 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 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 teacher will be assisted by an innovative interactive video system developed by renowned experts in Hearing and Language and with extensive teaching experience.

*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 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.*



# 02

# Objectives

The Postgraduate Certificate in Early Childhood Hearing and Language Innovation is oriented to develop in the students the skills required for the exercise of their profession. For this purpose, TECH offers the most complete education from the hand of the main experts in the field.







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*Become a Pre-School Education teacher thanks to the opportunity offered by TECH, the leading online university in Spanish"*



### General Objective

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- Develop teachers' skills and competencies to teach lessons in the early years of schooling of children



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





## Specific Objectives

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- ♦ Gain knowledge about the evolutionary process in the development of language and communication from 0 to 6 years old
- ♦ Get to know oral and written language disorders in the educational environment
- ♦ Manage information about hearing and language issues
- ♦ Work in an interdisciplinary team with teachers, tutors and other specialists
- ♦ Solve the problems raised in educational practice with students with hearing and language difficulties through the use of new technologies

03

# Structure and Content

The structure of the contents has been designed by top level professionals within the educational field, with a wide trajectory and recognized prestige in the profession. Backed by their experience, and with extensive knowledge of new technologies applied to teaching.



“

*The best content to create  
the best teachers”*

**Module 1. New Technologies and their Applicability in Hearing and Language**

- 1.1. ICT and CAT
  - 1.1.1. New Technologies vs. Information Communication Technologies (ICT)
  - 1.1.2. Technology for Learning and Knowledge
  - 1.1.3. Status of the Issue in Education Centers
  - 1.1.4. Bibliographical References
- 1.2. ICT in Hearing and Language
  - 1.2.1. Hearing and Language Hardware
  - 1.2.2. Hearing and Language Software
  - 1.2.3. Technological Applications in H&L
  - 1.2.4. Bibliographical References
- 1.3. Multimedia Applications
  - 1.3.1. Multimedia Applications
  - 1.3.2. Use of Image, Audio and Video
  - 1.3.3. Image
  - 1.3.4. Use of Audio
  - 1.3.5. Videos
  - 1.3.6. Application Design
  - 1.3.7. Bibliographical References
- 1.4. Augmented Reality
  - 1.4.1. Augmented Reality
  - 1.4.2. Augmented Reality with Branding
  - 1.4.3. Markless Augmented Reality
  - 1.4.4. Augmented Learning Environments
  - 1.4.5. Bibliographical References
- 1.5. ICT in Oral Language Disorders
  - 1.5.1. ICT in Oral Language Disorders
  - 1.5.2. Hardware in Oral Language Disorders
  - 1.5.3. Specific Software for Oral Language Disorders
  - 1.5.4. General Software for Oral Language Disorders
  - 1.5.5. Bibliographical References





- 1.6. ICT in Written Language Disorders
  - 1.6.1. ICT in Written Language Disorders
  - 1.6.2. Hardware in Written Language Disorders
  - 1.6.3. Software in Written Language Disorders
  - 1.6.4. Bibliographical References
- 1.7. ICT in Hearing Disorders
  - 1.7.1. ICT in Hearing Disorders
  - 1.7.2. Hardware in Hearing Disorders
  - 1.7.3. Software in Hearing Disorders
  - 1.7.4. Bibliographical References
- 1.8. Augmentative and Alternative Supported Communication Systems
  - 1.8.1. Augmentative and Alternative Communication Systems
  - 1.8.2. Augmentative and Alternative Supported Communication Systems
  - 1.8.3. Communication Boards
  - 1.8.4. Bibliographical References
- 1.9. Augmentative and Alternative Communication Systems Without Support
  - 1.9.1. Augmentative and Alternative Communication Systems Without Support
  - 1.9.2. ICT and SAAC Without Support
  - 1.9.3. Bibliographical References
- 1.10. Families and the Use of ICTs for Hearing and Language Work
  - 1.10.1. General Considerations
  - 1.10.2. Assisting Families in ICT Integration



*This will provide key education  
to advance in your career"*

04

# Methodology

This training program offers 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 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:

1. 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.



## 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.*

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.



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.

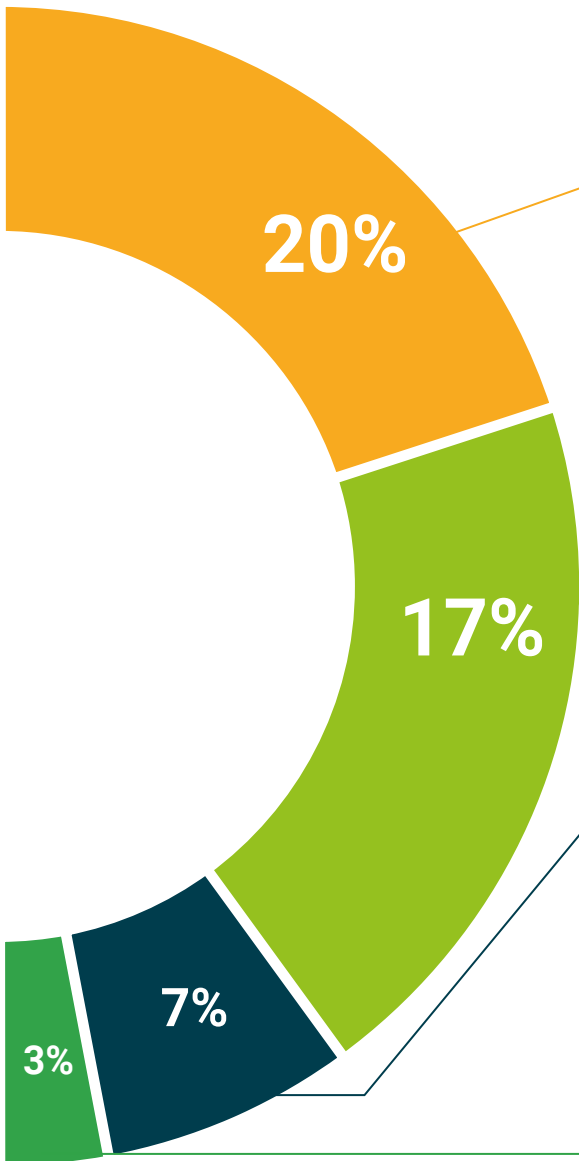
This exclusive multimedia content presentation training Exclusive system was awarded by Microsoft as a "European Success Story".



### 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.



05

# Certificate

The Postgraduate Certificate in Early Childhood Hearing and Language Innovation 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 Early Childhood Hearing and Language Innovation** 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 Early Childhood Hearing and Language Innovation**  
Official N° of Hours: **150 hours**.



\*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.

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development language  
virtual classroom

**tech** technological  
university

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