



Postgraduate Diploma Dysarthria and Hearing Impairment

» Modality: online

» Duration: 6 months

» Certificate: TECH Technological University

» Schedule: at your own pace

» Exams: online

 $We b site: {\color{blue}www.techtitute.com/in/education/postgraduate-diploma/postgraduate-diploma-dysarthria-hearing-impairment}$

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According to a study conducted by an international association dedicated to representing families of deaf people, approximately "5 out of every 1,000 newborns are deaf to some degree". This disability affects their cognitive-behavioral development, often causing a significant delay in school activities. The same is true for those suffering from Dysarthria or any type of speech impairment caused by paralysis, weakness or incoordination of the facial musculature, generally related to the neurological system. The frequency with which these contexts appear in the educational environment is very high, so teachers must be up to date with pedagogical techniques to adapt their classes to the needs of their students, being able to offer inclusive training of the highest quality for all of them.

And so that the student can get up to date with the most innovative and effective educational bases, TECH and its team of professionals specialized in Pedagogy and Speech Therapy have developed this Postgraduate Diploma in Dysarthria and Hearing Impairment, an avant-garde and dynamic academic program adapted to the current academic context. Throughout 450 hours, students will be able to delve into the fundamentals of specialized intervention, as well as the initial considerations that must be taken into account when designing classes adapted to children with this type of special needs.

This is a 6-month academic experience, in which the student students will have access to a state-of-the-art Virtual Campus, which can be accessed from any device with Internet connection. In it students will find, in addition to the syllabus, case studies, research articles, complementary readings, news, exercises and much more material to contextualize the information and delve into each section in a personalized way. All this through a 100% online format that will allow them to combine the program with any other activity, without having to submit to strict schedules or face-to-face classes.

This **Postgraduate Diploma in Dysarthria and Hearing Impairment** contains the most complete and up-to-date educational program on the market. The most important features include:

- Case studies presented by experts in Pedagogy and Education
- 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 self-assessment process can be carried out to improve learning
- Its special emphasis on innovative methodologies
- 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



You will work with the most avant-garde pedagogical and logopedic material in the educational sector, which you will even be able to use in your classes once you have completed this Postgraduate Diploma"



Thanks to this program's comprehensive design, you will be able to understand the casuistry of hearing impairment, focusing on the best speech therapy assessment tools"

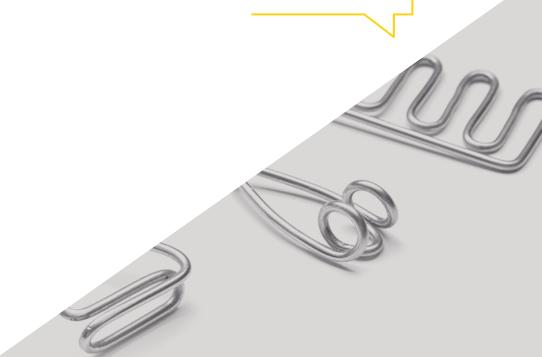
The program's teaching staff includes professionals from the sector who contribute their work experience to this training program, as well as renowned specialists from leading societies and prestigious universities.

Its multimedia content, developed with the latest educational technology, will allow the professional a situated and contextual learning, that is, a simulated environment that will provide an immersive training programmed to train in real situations.

The design of this program focuses on Problem-Based Learning, in which the professional will have to try to solve the different professional practice situations that will arise throughout the academic course. For this purpose, the student will be assisted by an innovative interactive video system created by renowned experts.

You will have 450 hours of theoretical, practical and additional material, which has been adapted to a 100% online format and can be accessed from any device with Internet connection.

A theoretical-practical program that will allow you to update your speech therapy intervention plan through the most effective and innovative guidelines and/or family recommendations.



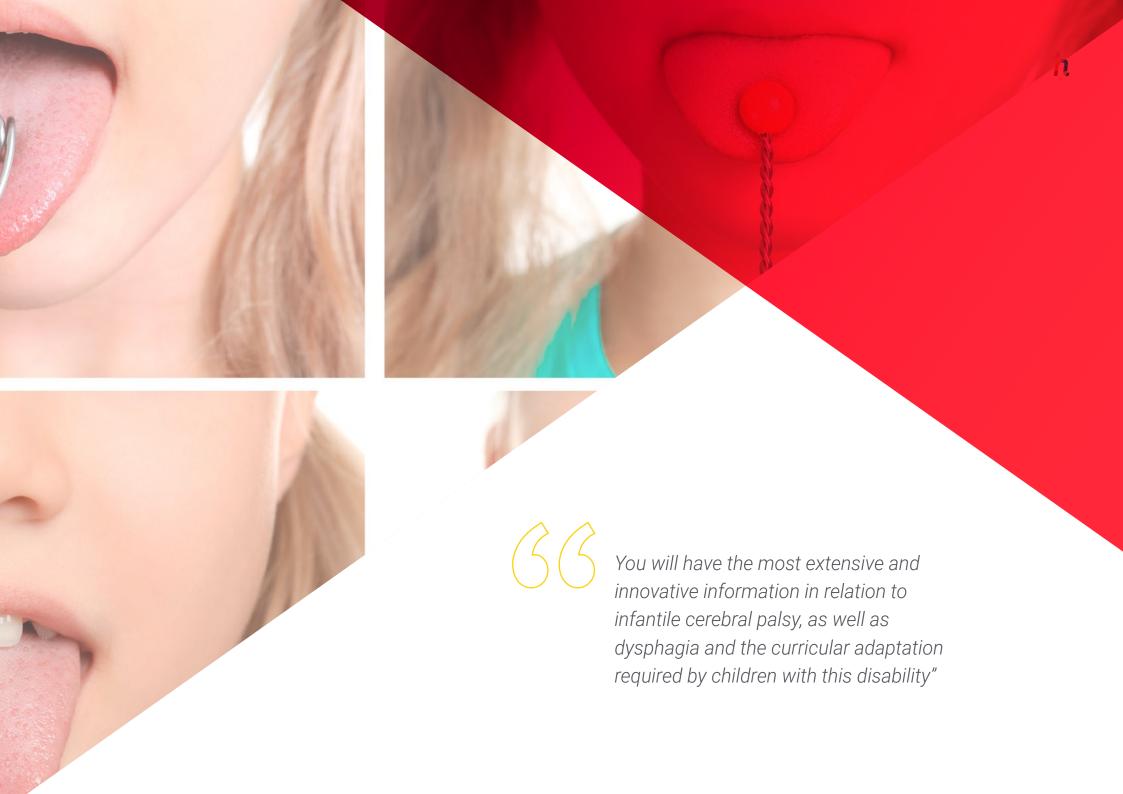
02 Objectives

The objective of this Postgraduate Diploma is none other than to provide students with all the information that will allow them to specialize in teaching children with speech or hearing impairment related problems. For this purpose, students will be provided with the best theoretical and practical material, as well as hours of extra content presented in different formats. Additionally, this program has been specifically designed so that students can work from wherever they want and at their own pace, also being able to decide the degree of depth of each section.









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General Objectives

- Provide a specialized education based on theoretical and instrumental knowledge that will enable the student to obtain skills in detection, prevention, assessment and intervention in the logopathies treated
- Develop a broad and specialized knowledge about Dysarthria and the curricular adaptation needed by children with this disability



Whatever your goals are, TECH will provide you with the most innovative academic material, so that you can achieve and surpass them with the course of this 6-month academic experience"





Specific Objectives

Module 1. Basis of Speech and Language Therapy

- Deepen in the concept of Speech Therapy and in the areas of action of the professionals of this discipline
- Acquire knowledge about the concept of language and the different aspects that composeit
- Delve into the typical development of language, knowing its stages, as well as being able to identify the warning signs of language development
- Understand and be able to classify the different language pathologies, from the different approaches currently existing
- To know the different batteries and tests available in the discipline of Speech Therapy, to be able to carry out a correct evaluation of the different areas of Language
- To be able to develop a Speech Therapy report in a clear and precise way, both for the families and for the different professionals
- To understand the importance and effectiveness of working with an interdisciplinary team, whenever necessary and favorable for the child's rehabilitation

Module 2. Dysarthria in Children and Adolescents

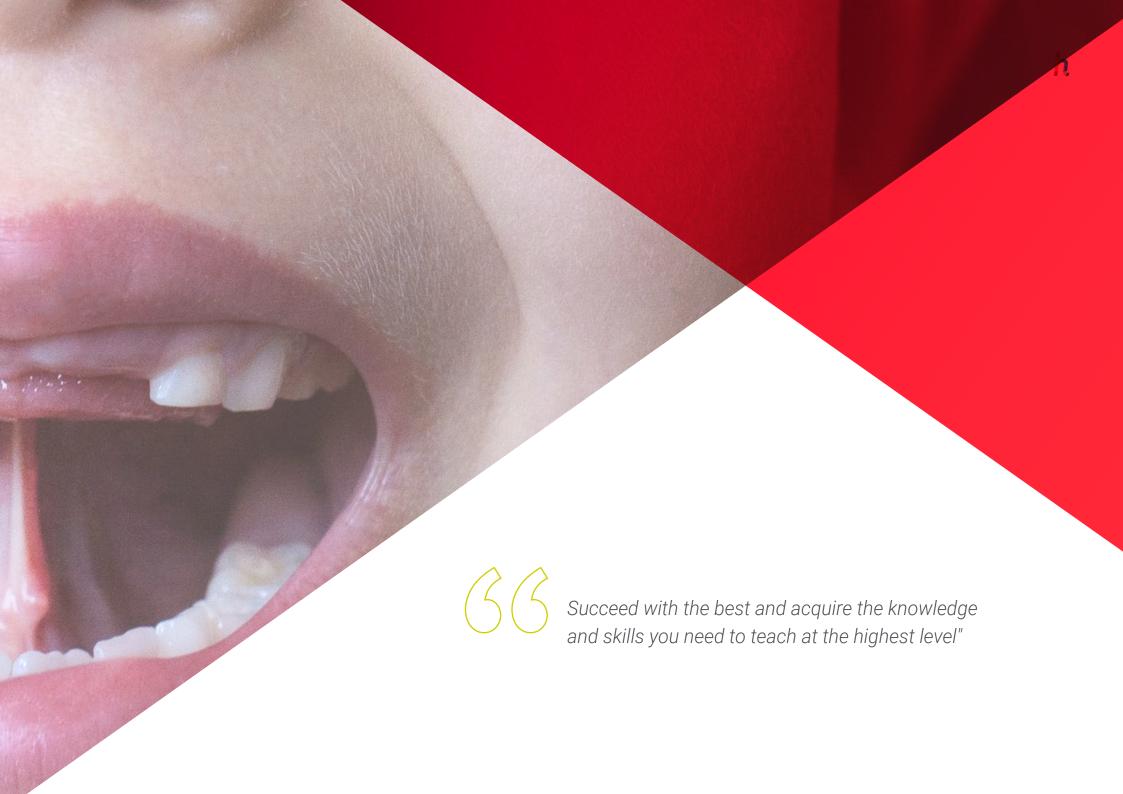
- Acquisition of the basic fundamentals of dysarthria in children and adolescents, both conceptual
 and classificatory, as well as the particularities and differences with other pathologies
- Be able to differentiate the symptomatology and characteristics of verbal apraxia and dysarthria, being able to identify both pathologies by carrying out an adequate assessment process
- Clarify the role of the speech therapist in both the assessment and intervention process, being able to apply appropriate and personalized exercises to the child

- To know the environments and contexts of development of children, being able to give
 adequate support in all of them and to guide the family and educational professionals in
 the rehabilitation process
- Know the professionals involved in the assessment and intervention of dysarthric children, and the importance of collaboration with all of them during the intervention process

Module 3. Understanding Hearing Impairments

- Assimilation of the anatomy and functionality of the organs and mechanisms involved in hearing
- Deepen in the concept of hypoacusis and the different types that exist
- Know the assessment and diagnostic tools to assess hearing loss and the importance of a multidisciplinary team to carry it out
- Be able to carry out an effective intervention in a Hypoacusia, knowing and internalizing all the phases of such intervention
- Know and understand the functioning and importance of hearing aids and cochlear implants
- Deepen in Bimodal Communication and to be able to understand its functions and their importance
- Approach the world of sign language, knowing its history, its structure and the importance of its existence
- To understand the role of the Interpreter in Sign Language (ILSE)





International Guest Director

Dr. Elizabeth Anne Rosenzweig is an internationally renowned specialist dedicated to the care of children with hearing loss. As a Speech Language Expert and Certified Therapist, she has pioneered several telepractice-based early assistance strategies of broad benefit to patients and their families.

Dr. Rosenzweig's research interests have also focused on trauma support, culturally sensitive auditory-verbal practice and personal coaching. Her active scholarly work in these areas has earned her numerous awards, including Columbia University's Diversity Research Award.

Thanks to her advanced skills, she has taken on professional challenges such as the leadership of the Edward D. Mysak Communication Disorders Clinic at Columbia University. She is also known for her academic career, having served as a professor at Columbia's Teachers College and as a collaborator with the General Institute of Health Professions. On the other hand, she is an official reviewer of publications with a high impact in the scientific community such as The Journal of Early Hearing Detection and Intervention and The Journal of Deaf Studies and Deaf Education.

In addition, Dr. Rosenzweig manages and directs the AuditoryVerbalTherapy.net project, from where she offers remote therapy services to patients located in different parts of the world. She is also a speech and audiology consultant for other specialized centers located in different parts of the world. She has also focused on developing non-profit work and participating in the Listening Without Limits Project for children and professionals in Latin America. At the same time, the Alexander Graham Bell Association for the Deaf and Hard of Hearing relies on her as its vice-president.



Dra. Rosenzweig, Elizabeth Anne

- Director of the Communication Disorders Clinic at Columbia University, New York, United States
- Professor, General Hospital Institute of Health Professions, New York, United States
- Director of Private Practice AuditoryVerbalTherapy.net
- Department Head, Yeshiva University
- Attending Specialist at Teachers College, Columbia University
- Reviewer for The Journal of Deaf Studies and Deaf Education and The Journal of Early
- Hearing Detection and Intervention
- Vice-President, Alexander Graham Bell Association for the Deaf and Hard of Hearing
- Ph.D. in Education from Columbia University
- Master's Degree in Speech Therapy from Fontbonne University
- B.S. in Communication Sciences and Communication Disorders from Texas Christian University
- Member of:
- American Speech and Language Association

- American Cochlear Implant Alliance
- National Consortium for Leadership in Sensory Impairment



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

Management



Ms. Vázquez Pérez, María Asunción

- Speech Therapist Specialist in Neurologopedia
- · Speech therapist at Neurosens
- Speech therapist in Rehabilitation Clinic Rehasaluc
- Speech Therapist at Sendas Psychology Office
- Graduate in Speech Therapy from the University of A Coruña
- Master's Degree in Neurology Therapy



Course Management | 17 tech

Professors

Ms. Mata Ares, Sandra María

- Speech Therapist Specialized in Speech Therapy Intervention in Children and Adolescents
- Speech Therapist at Sandra Comunicate Speech Therapist
- Speech therapist at Fisiosaúde
- Speech therapist at Ana Parada Multi-Purpose Center
- Speech therapist at the Psychology Health Center and Family Speech Therapy
- Diploma in Speech Therapy from the from Coruña University
- Master's Degree in Speech Therapy Intervention in Childhood and Adolescence from the University of Coruña

Ms. Rico Sánchez, Rosana

- Director and Speech Therapist at Palabras y Más Center for Speech Therapy and Pedagogy
- Speech therapist at OrientaMedia
- Speaker at specialized conferences
- Diploma in Speech Therapy from the University of Valladolid
- Degree in Psychology from UNED
- Specialist in Alternative and Augmentative Communication Systems (SAAC)

Ms. Cerezo Fernández, Ester

- Speech therapist at Paso a Paso Neurorehabilitation Clinic
- Speech therapist at the San Jeronimo Residence
- Editor of Zona Hospitalaria Magazine
- Graduate in Speech Therapy from the University of Castilla-La Mancha





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 - 1.1.5. Basic Theories of Language
 - 1.1.6. Research in Language Acquisition
 - 1.1.7. Neurological Bases of Language Development.
 - 1.1.8. Perceptual Bases in Language Development
 - 1.1.9. Social and Cognitive Bases of Language
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 - 1.1.9.2. The Importance of Imitation
 - 1.1.10. Final Conclusions
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 - 1.2.4.2. What are Speech Therapists called in other countries?
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1.9.7.2. Recommendations for a Good Relationship in the Family Environment

1.9.8. The Family as a Key Part in the Generalization of the Established Objectives

1.9.8.1. The Importance of the Family in Generalization

1.9.8.2. Recommendations to facilitate Generalization

1.9.9. How do I communicate with my child?

1.9.9.1. Modifications in the child's family environment

1.9.9.2. Advice and Recommendations from the child

1.9.9.3. The Importance of keeping a Record Sheet

1.9.10. Final Conclusions

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1.10.2. The Involvement of the School center during the Speech Therapy Intervention

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	1.10.4.	Coordination with the Professionals of the Educational Center
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	1.10.6.	School Needs of the child
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	2.1.8.4. Relationship between Dysarthria and Verbal Apraxia
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	2.1.8.4.2. Similarities between both Disorders
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2.3.

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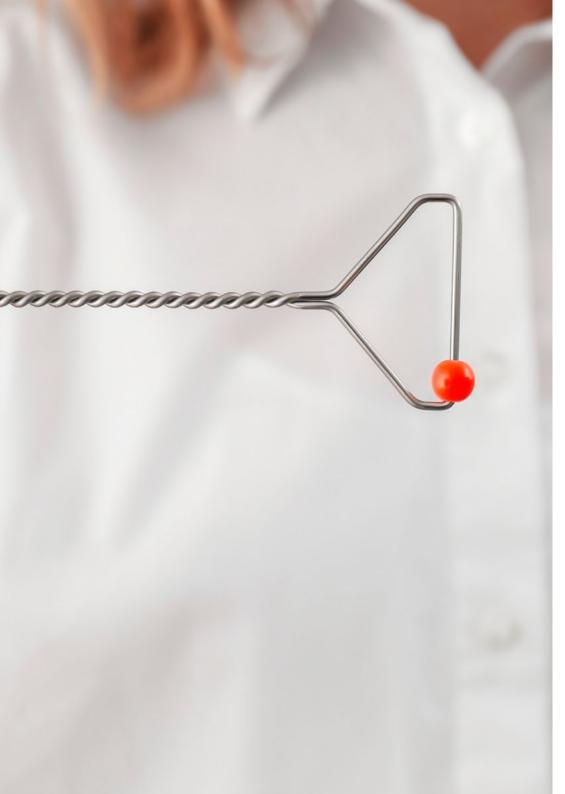
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2.4.9.1. Th	ne Importance	of Joint	Assessment
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- 2.4.9.2. Neurological Evaluation
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- 2.4.10.1. How to make the Differential Diagnosis in children with Dysarthria?
- 2.4.10.2. Considerations in Establishing the Differential Diagnosis

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- 2.5.1. The Importance of Intervention in Juvenile Dysarthria
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 - 2.5.1.2. Evolution of Dysarthria through Intervention
- 2.5.2. Goals of Intervention for children with Dysarthria
 - 2.5.2.1. General Goals in Dysarthria
 - 2.5.2.1.1. Psychological Goals
 - 2.5.2.1.2. Motor Goal
- 2.5.3. Intervention Methods
- 2.5.4. Steps to be carried out during the Intervention
 - 2.5.4.1. Agree on the Intervention Model
 - 2.5.4.2. Establish the Sequencing and timing of the Intervention
- 2.5.5. The child as the Main Subject during the Intervention
 - 2.5.5.1. Supporting the child's skills in Intervention
- 2.5.6. General Intervention Considerations
 - 2.5.6.1. The importance of motivational involvement in Intervention
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- 2.5.7. Proposal of Activities for Speech Therapy Intervention
 - 2.5.7.1. Psychological Activities
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- 2.5.8. The importance of the joint rehabilitation process
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 - 2.5.8.1.1. Physiotherapist
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- 2.5.9. Alternative and Augmentative Communication Systems as Support for

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Intervention

2.6.

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	2.5.9.2. Choice of system type: Augmentative or Alternative?
	2.5.9.3. Settings in Which its Use will be Established
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	2.5.10.1. Criteria for Indicating the end of Rehabilitation
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	2.6.1.2. What does Speech Therapy Intervention in Dysarthria consist of?
	2.6.1.3. Objectives of the Speech Therapy Intervention
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2.6.2.	Swallowing Therapy in Dysarthria
	2.6.2.1. Swallowing Difficulties in cases of Dysarthria
	2.6.2.2. What does Swallowing Therapy consist of?
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2.6.3.	Postural and Body Therapy in Dysarthria
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0.6.4	2.6.3.3. The Importance of Therapy
2.6.4.	Orofacial Therapy in Dysarthria
	2.6.4.1. Orofacial difficulties in cases of Dysarthria
	2.6.4.2. What does Orofacial Therapy consist of?
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2.6.5.	Breathing Therapy and Phonorespiratory Coordination in Dysarthria
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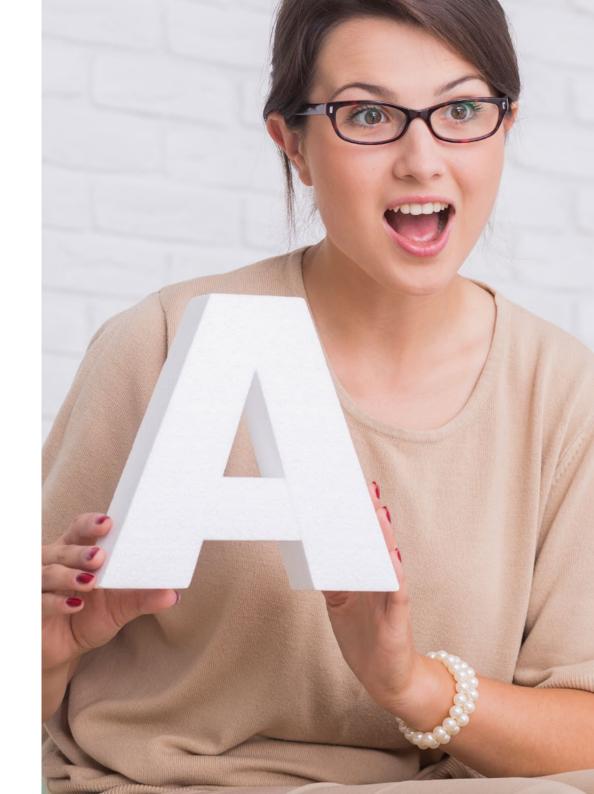
- 2.7.3.2.1. Chronological Age
- 2.7.3.2.2. The child's Extracurricular Activities
- 2.7.3.2.3. Schedules
- 2.7.3.3. Establishing lines of Intervention
- 2.7.4. Objectives of the Speech Therapy Intervention Program for Dysarthria
 - 2.7.4.1. General Objectives of the Speech Therapy Intervention Program
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- 2.7.5. Areas of Speech Therapy Intervention in Dysarthrias and Proposed Activities
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- 2.7.6. Materials and Resources for Speech Therapy Intervention
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 - 2.7.6.2. Images of the Materials previously proposed
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- 2.7.10. Alternative and/or Augmentative Communication Systems as a Method of Intervention in Cases of Dysarthria
 - 2.7.10.1. What are AACS?
 - 2.7.10.2. How can AACS help Intervention with children with Dysarthria?
 - 2.7.10.3. How can about AACS help Communication children with Dysarthria?
 - 2.7.10.4. Choice of a System Method according to the child's needs
 - 2.7.10.4.1. Considerations for establishing a Communication System
 - 2.7.10.5. How To Use Communication Systems in Different Child Development Settings?
- 2.8. Speech Therapy Interventions in Dysarthrias
 - 2.8.1. Introduction to the unit in the Development of the Dysarthric child
 - 2.8.2. The Consequences of the Dysarthric child in the family context 2.8.2.1. How is the Child Affected by Difficulties in the Home Environment?
 - 2.8.3. Communication Difficulties in the Dysarthric child's Home Environment. 2.8.1.1. What Barriers do they Encounter in the Home Environment?
 - 2.8.4. The Importance of Professional Intervention in the Family Environment and the Family-centered Intervention Model
 - 2.8.4.1. The importance of the family in the development of the Dysphemic child. 2.8.4.2. How to Carry Out Family-centered Intervention in Cases of Dysarthric Children?
 - 2.8.5. Family Integration in Speech Therapy and School Intervention for Children

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- 2.8.5.1. Aspects to Consider in Order to Integrate the Family in the Intervention
- 2.8.6. Benefits of integrating the family in the Professional and School Intervention
 - 2.8.6.1. Coordination with Health Professionals and the benefits
 - 2.6.6.2. Coordination with Educational Professionals and the benefits
- 2.8.7. Advice for the Family Environment
 - 2.8.7.1. Tips to facilitate oral Communication in the Dysarthric child
 - 2.8.7.2. Guidelines for the Relationship at home with the Dysarthric child
- 2.8.8. Psychological Support for the family
 - 2.8.8.1. Psychological Implications in the family with cases of children with Dysarthria
 - 2.8.8.2. Why Provide Psychological Support?
- 2.8.9. The Family as a Means of Generalization in Learning
 - 2.8.9.1. The Importance of the Family for the Generalization in Learning
 - 2.8.9.2. How can the family support the child's Learning?
- 2.8.10. Communication with the child with Dysarthria
 - 2.8.10.1. Communication Strategies in the Home Environment
 - 2.8.10.2. Tips for better Communication
 - 2.8.10.2.1. Changes in the Environment
 - 2.8.10.2.2. Alternatives to Oral Communication
- 2.9. Proposal of Exercise for Speech Therapy Intervention in Dysarthria
 - 2.9.1. Introduction to Unit
 - 2.9.1.1. The period of Childhood schooling in relation to the prevalence of Infantile-juvenile Dysarthria
 - 2.9.2. The Importance of the involvement of the school during the Intervention period
 - 2.9.2.1. The school as a means of Development of the Dysarthric child
 - 2.9.2.2. The influence of the School on Child Development
 - 2.9.3. School Support, Who Offers Support to the Child at School and How?
 - 2.9.3.1. The Hearing and Language Teacher
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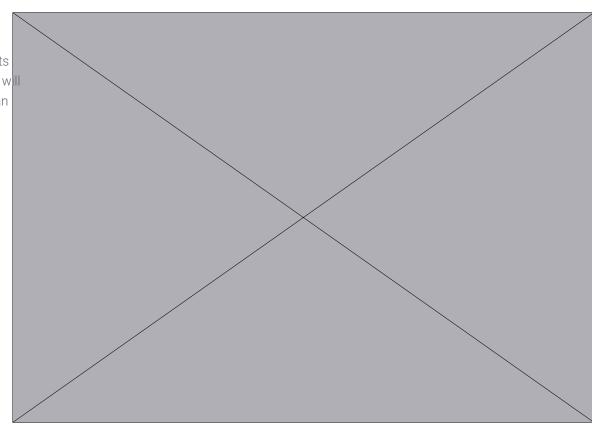


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At TECH Education School we use the Case Method

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.



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Methodology | 45 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).

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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.

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tech 46 | Methodology

This program offers the best educational material, prepared with professionals in mind:



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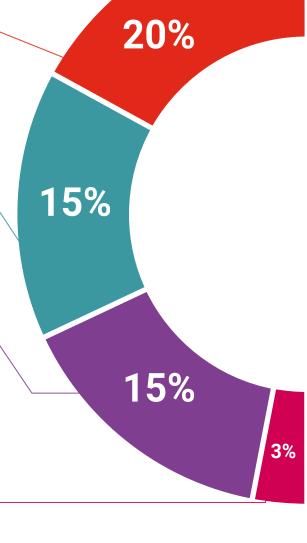
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We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises: so that they can see how they are achieving your goals.



Classes

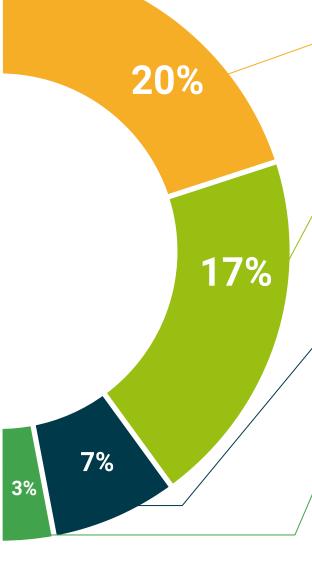
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TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.







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- » Modality: online
- » Duration: 6 months
- » Certificate: TECH Technological University
- » Schedule: at your own pace
- » Exams: online

