

Postgraduate Certificate

Assessment and Intervention in Speech Disorders



Postgraduate Certificate Assessment and Intervention in Speech Disorders

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/medicine/postgraduate-certificate/assessment-intervention-speech-disorders

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01

Introduction to the Program

Speech Assessment and Intervention are essential for the diagnosis and treatment of various conditions that affect communication. According to the National Institute on Deafness and Other Communication Disorders (NIDCD), language development disorder is one of the most common disorders, affecting approximately 1 in 14 preschool-aged children. Therefore, assessment requires a multidisciplinary approach that includes direct observation of the patient, interviews with family members and professionals, and the application of standardized tests. In this context, TECH has developed a comprehensive, fully online program that is completely adaptable to the personal and work schedules of graduates and is based on the revolutionary Relearning methodology.



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With this 100% online program, you will understand the underlying mechanisms of Speech Disorders, applying diagnostic and intervention strategies, from early detection to advanced treatments”

The Assessment and Intervention of Speech Disorders require a comprehensive and up-to-date approach that considers both early evaluation and the use of innovative technological tools. According to a recent report, approximately 5% of children worldwide experience significant speech difficulties, highlighting the need for accurate diagnosis and effective interventions.

This program was created to enable physicians to use a variety of traditional and modern assessment tools and techniques to make accurate and personalized diagnoses. These methods include standardized tests, clinical observation, and interpretation of results to accurately identify the patient's needs and ensure early and efficient intervention.

They will also become familiar with a variety of therapeutic approaches, from strategies to improve pronunciation and speech fluency to more complex techniques that address language and communication disorders. In addition, a practical approach will be incorporated, allowing professionals to apply the knowledge acquired in real-life situations, ensuring that interventions are effective and personalized.

Finally, they will be able to continuously monitor patients' progress and modify intervention strategies as needed. In this regard, constant updating on advances in the field will be essential, as it will allow for the implementation of the latest technologies and therapeutic approaches, thus improving patients' quality of life and optimizing the impact of treatments.

TECH has therefore developed a comprehensive 100% online program with materials and resources of academic excellence, accessible from any electronic device with an Internet connection. This will eliminate inconveniences such as having to travel to a physical location or adhere to a fixed schedule. In addition, it will implement the innovative Relearning methodology, based on the constant repetition of key concepts to ensure effective and natural assimilation of all content.

This **Postgraduate Certificate in Assessment and Intervention in Speech Disorders** contains the most complete and up-to-date scientific program on the market. The most important features include:

- ♦ Practical cases presented by experts in medicine
- ♦ 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
- ♦ Special emphasis on innovative methodologies in Assessment and Intervention in Speech The Disorders
- ♦ 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 offer more personalized and effective care to patients, significantly improving their therapeutic outcomes and, consequently, their quality of life. With all the TECH quality guarantees!"

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With TECH, you will gain access to an innovative program where you will master the most advanced techniques for speech stimulation and rehabilitation with an up-to-date, cutting-edge syllabus”

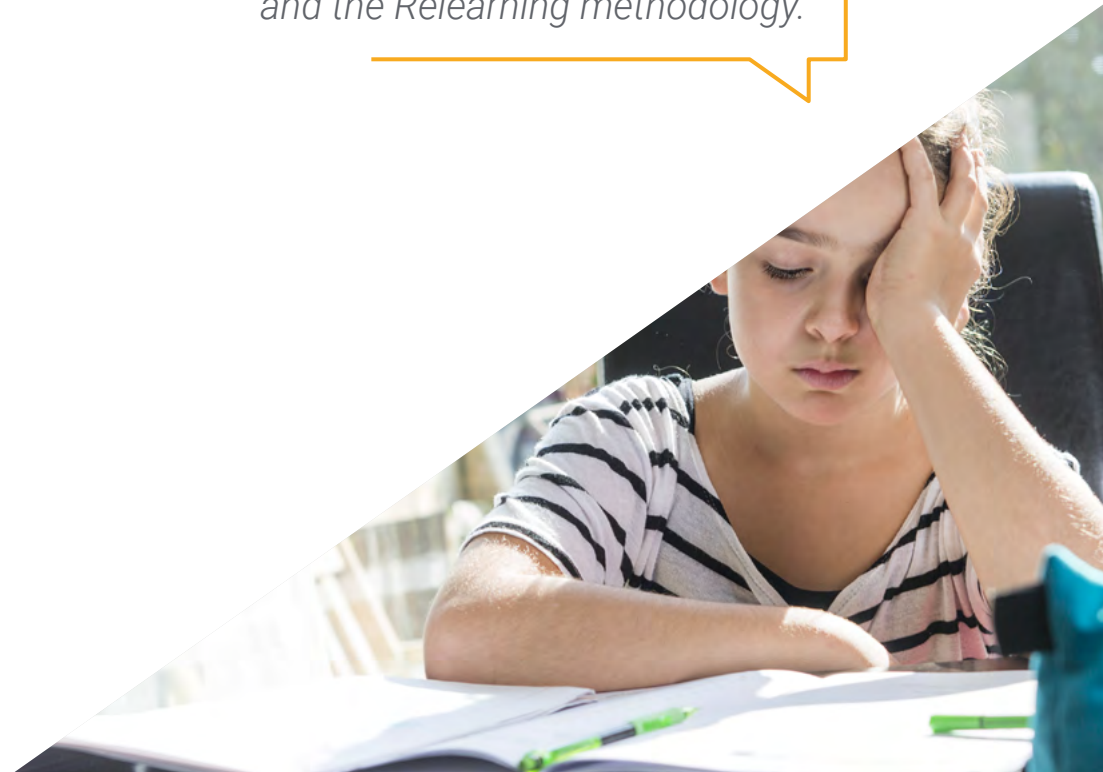
Its teaching staff includes professionals from the field of medicine, who bring to this program the experience of their work, as well as renowned specialists from leading societies and prestigious universities.

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 learning experience, programmed to prepare in real situations.

The design of this program focuses on Problem-Based Learning, through which students must try to solve different professional practice situations that arise throughout the program. For this purpose, professionals will be assisted by an innovative interactive video system created by renowned and experienced experts.

Develop your skills in communication assessment and intervention with the support of experts. Acquire new strategies and take your career to the next level.

Gain a comprehensive approach, from identifying difficulties to effective treatment, with up-to-date materials and the Relearning methodology.



02

Why Study at TECH?

TECH is the world's largest online university. With an impressive catalog of more than 14,000 university programs available in 11 languages, it is positioned as a leader in employability, with a 99% job placement rate. In addition, it relies on an enormous faculty of more than 6,000 professors of the highest international renown.



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*Study at the world's largest online university
and guarantee your professional success.
The future starts at TECH”*

The world's best online university, according to FORBES

The prestigious Forbes magazine, specialized in business and finance, has highlighted TECH as "the best online university in the world" This is what they have recently stated in an article in their digital edition in which they echo the success story of this institution, "thanks to the academic offer it provides, the selection of its teaching staff, and an innovative learning method oriented to form the professionals of the future".

The best top international faculty

TECH's faculty is made up of more than 6,000 professors of the highest international prestige. Professors, researchers and top executives of multinational companies, including Isaiah Covington, performance coach of the Boston Celtics; Magda Romanska, principal investigator at Harvard MetaLAB; Ignacio Wistumba, chairman of the department of translational molecular pathology at MD Anderson Cancer Center; and D.W. Pine, creative director of TIME magazine, among others.

The world's largest online university

TECH is the world's largest online university. We are the largest educational institution, with the best and widest digital educational catalog, one hundred percent online and covering most areas of knowledge. We offer the largest selection of our own degrees and accredited online undergraduate and postgraduate degrees. In total, more than 14,000 university programs, in ten different languages, making us the largest educational institution in the world.



The most complete syllabuses on the university scene

TECH offers the most complete syllabuses on the university scene, with programs that cover fundamental concepts and, at the same time, the main scientific advances in their specific scientific areas. In addition, these programs are continuously updated to guarantee students the academic vanguard and the most demanded professional skills. and the most in-demand professional competencies. In this way, the university's qualifications provide its graduates with a significant advantage to propel their careers to success.

A unique learning method

TECH is the first university to use Relearning in all its programs. This is the best online learning methodology, accredited with international teaching quality certifications, provided by prestigious educational agencies. In addition, this innovative academic model is complemented by the "Case Method", thereby configuring a unique online teaching strategy. Innovative teaching resources are also implemented, including detailed videos, infographics and interactive summaries.

The official online university of the NBA

TECH is the official online university of the NBA. Thanks to our agreement with the biggest league in basketball, we offer our students exclusive university programs, as well as a wide variety of educational resources focused on the business of the league and other areas of the sports industry. Each program is made up of a uniquely designed syllabus and features exceptional guest hosts: professionals with a distinguished sports background who will offer their expertise on the most relevant topics.

Leaders in employability

TECH has become the leading university in employability. Ninety-nine percent of its students obtain jobs in the academic field they have studied within one year of completing any of the university's programs. A similar number achieve immediate career enhancement. All this thanks to a study methodology that bases its effectiveness on the acquisition of practical skills, which are absolutely necessary for professional development.



Google Premier Partner

The American technology giant has awarded TECH the Google Premier Partner badge. This award, which is only available to 3% of the world's companies, highlights the efficient, flexible and tailored experience that this university provides to students. The recognition not only accredits the maximum rigor, performance and investment in TECH's digital infrastructures, but also places this university as one of the world's leading technology companies.



The top-rated university by its students

Students have positioned TECH as the world's top-rated university on the main review websites, with a highest rating of 4.9 out of 5, obtained from more than 1,000 reviews. These results consolidate TECH as the benchmark university institution at an international level, reflecting the excellence and positive impact of its educational model.



03 Syllabus

The syllabus has been carefully designed to provide physicians with comprehensive knowledge in all key areas of this specialty. This will include a theoretical introduction to the fundamentals of speech and language, addressing the different types of disorders, their causes, and clinical manifestations. In addition, professionals will delve into the most advanced diagnostic assessment techniques and tools, enabling them to apply standardized tests and clinical methods to make an accurate diagnosis.



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Bet on TECH! You will become familiar with standardized assessment tools, functional tests, and clinical interviews, which are essential for identifying the specific characteristics of each disorder”

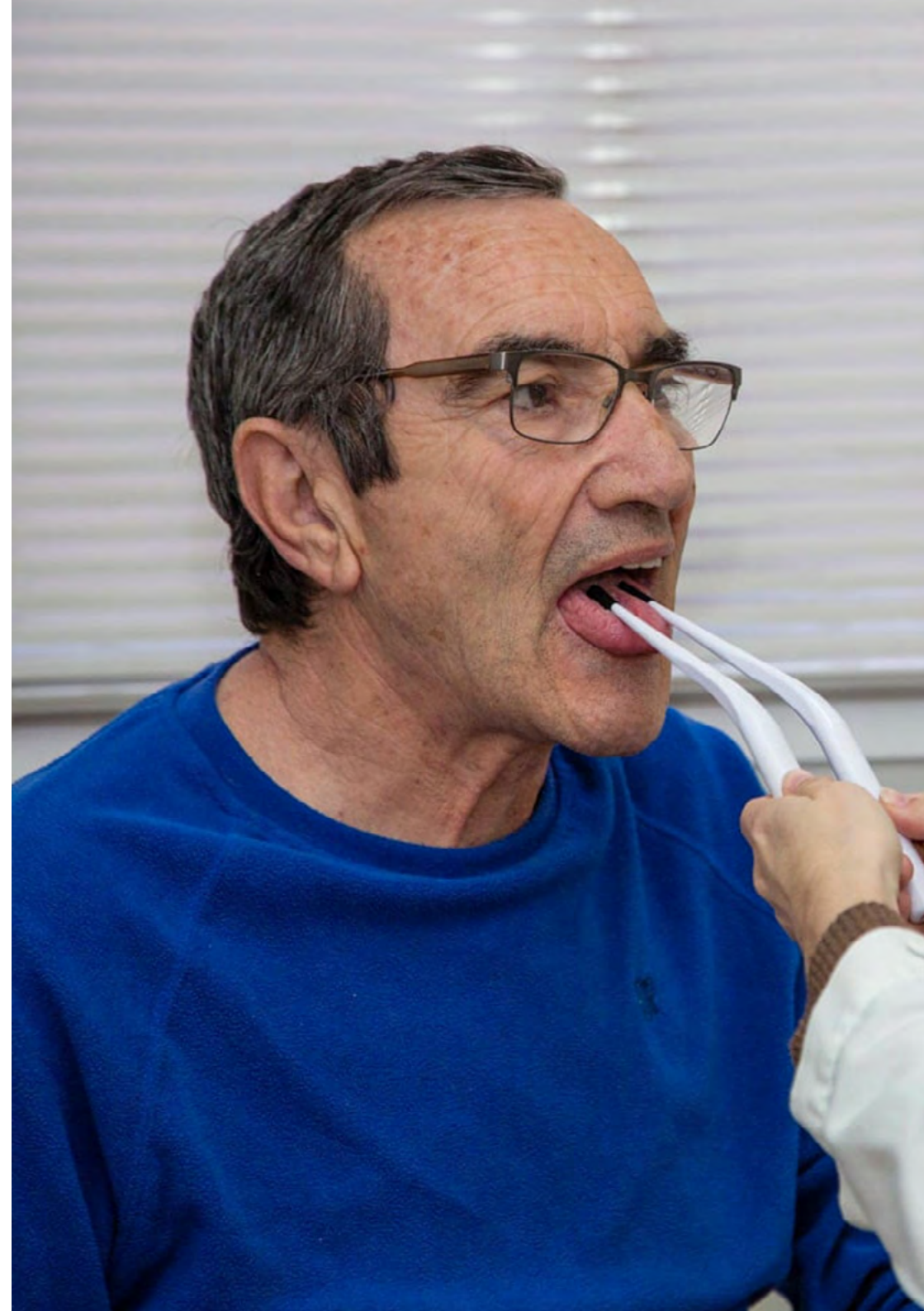
Module 1. Speech Disorders: Assessment and Intervention

- 1.1. Concept and Classification of Speech Disorders
 - 1.1.1. Articulation and Fluency
 - 1.1.1.1. Definition of Articulation
 - 1.1.1.2. Factors Affecting Fluency
 - 1.1.2. Conceptualization of Speech Disorders
 - 1.1.2.1. Speech Disorders and their Classification
 - 1.1.2.2. Differences between Speech Disorders and Language Disorders
 - 1.1.3. Classification of Speech Disorders
 - 1.1.3.1. Articulatory Disorders
 - 1.1.3.2. Fluency Disorders
 - 1.1.4. Incidence of Speech Disorders
 - 1.1.4.1. Risk Factors
 - 1.1.4.2. Prevalence in the Child Population
- 1.2. Speech Sound Disorders (Dyslalias)
 - 1.2.1. Development of Phonetics and Phonology
 - 1.2.1.1. The Role of Phonetics in Speech Production
 - 1.2.1.2. Relationship Between Phonology and Speech Sound Disorders
 - 1.2.2. Definition of SSD
 - 1.2.2.1. Functionals
 - 1.2.2.2. Organic
 - 1.2.3. Classification of SSD
 - 1.2.3.1. Simple
 - 1.2.3.2. Complex
 - 1.2.3.3. Phonetic
 - 1.2.3.4. Phonological
 - 1.2.3.5. Phonetic-Phonological
 - 1.2.4. SSD Etiology
 - 1.2.4.1. Biological Causes
 - 1.2.4.2. Social and Environmental Causes



- 1.3. Assessment of Speech Sound Disorders
 - 1.3.1. Diagnostic Criteria for SSD
 - 1.3.1.1. Assessment of Articulatory Accuracy
 - 1.3.1.2. Assessment of Phonological Coherence
 - 1.3.2. Phonetic Examination
 - 1.3.2.1. Identification of Articulation Errors
 - 1.3.2.2. Analysis of Sound Intensity and Duration
 - 1.3.3. Phonological Examination
 - 1.3.3.1. Assessment of Phoneme Production
 - 1.3.3.2. Identification of Phonological Patterns
 - 1.3.3.3. Assessment of Phonological Discrimination
 - 1.3.4. Standardized Assessment Tools for Dyslalia
 - 1.3.4.1. Articulation Tests
 - 1.3.4.2. Phonological Assessment Scales
- 1.4. Intervention in Speech Sound Disorders
 - 1.4.1. Establishment of Therapeutic Goals
 - 1.4.1.1. Planning of Individual and Group Sessions
 - 1.4.2. Activities for Intervention in Dyslalia
 - 1.4.2.1. Auditory Discrimination Exercises
 - 1.4.2.2. Practice in the Production of Specific Sounds
 - 1.4.3. Resources and Materials for Intervention in Dyslalia
 - 1.4.3.1. Use of Visual and Auditory Aids
 - 1.4.3.2. Teaching Materials for the Correction of Dyslalia
- 1.5. Dysarthria
 - 1.5.1. Neurological Bases of Speech
 - 1.5.1.1. The Central Nervous System and its Relation to Speech
 - 1.5.1.2. Neurological Disorders and their Impact on Verbal Production
 - 1.5.2. Definition of Dysarthria
 - 1.5.2.1. Spastic Dysarthria
 - 1.5.2.2. Ataxic Dysarthria
 - 1.5.3. Classification of Dysarthria
 - 1.5.3.1. Flaccid Dysarthria
 - 1.5.3.2. Rigid Dysarthria
 - 1.5.4. Etiology of Dysarthria
 - 1.5.4.1. Acquired Brain Lesions
 - 1.5.4.2. Genetic Disorders
- 1.6. Assessment of Dysarthrias
 - 1.6.1. Diagnostic Criteria for Dysarthria
 - 1.6.1.1. Identification of Motor Impairments
 - 1.6.1.2. Assessment of Speech Coordination and Accuracy
 - 1.6.2. Neurophysiological Examination
 - 1.6.2.1. Basic Neurological Examinations
 - 1.6.2.2. Assessment of Oral Motor Function
 - 1.6.3. Speech Examination
 - 1.6.3.1. Verbal Clarity Analysis
 - 1.6.3.2. Assessment of Speech Rate and Rhythm
 - 1.6.4. Acoustic Examination
 - 1.6.4.1. Spectrographic Analysis
 - 1.6.4.2. Measurement of Voice Resonance
- 1.7. Intervention in Dysarthria
 - 1.7.1. Design of the Intervention Plan
 - 1.7.1.1. Short- and Long-Term Therapeutic Objectives
 - 1.7.1.2. Planning Rehabilitation Sessions
 - 1.7.2. Intervention in Speech Aspects
 - 1.7.2.1. Exercises to Improve Articulation
 - 1.7.2.2. Techniques to Improve Prosody
 - 1.7.3. Technical Aids for Intervention
 - 1.7.3.1. Voice Amplification Devices
 - 1.7.3.2. Use of Assistive Technology in Communication
 - 1.7.4. Augmentative and Alternative Communication
 - 1.7.4.1. Non-verbal Communication Systems
 - 1.7.4.2. Implementation of Communication Devices

- 1.8. Dysphemia
 - 1.8.1. Definition of Dysphemia
 - 1.8.1.1. Dysphemia as a Rhythm Disorder
 - 1.8.1.2. Relationship between Dysphemia and Anxiety
 - 1.8.2. Classification of Dysphemia
 - 1.8.2.1. Early-Onset Dysphemia
 - 1.8.2.2. Acquired Dysphemias
 - 1.8.3. Etiology of Dysphemias
 - 1.8.3.1. Psychological Factors
 - 1.8.3.2. Biological Factors
 - 1.8.4. Others Rhythm and Fluency Disorders
 - 1.8.4.1. Tachylalia and Bradylalia
 - 1.8.4.2. Non-pathological Disfluencies
- 1.9. Assessment of Dysphemia
 - 1.9.1. Diagnostic Criteria for Dysphemia
 - 1.9.1.1. Identification of Speech Blockages
 - 1.9.1.2. Assessment of Associated Emotional Symptoms
 - 1.9.2. Patient Assessment
 - 1.9.2.1. Clinical Interviews
 - 1.9.2.2. Specific Tests of Verbal Fluency
 - 1.9.3. Assessment of Family Members
 - 1.9.3.1. Surveys on Family History
 - 1.9.3.2. Social and Family Impact Assessment
 - 1.9.4. Assessment of Other Variables
 - 1.9.4.1. Emotional and Cognitive Assessment
 - 1.9.4.2. Analysis of Social Interaction



- 1.10. Intervention in Dysphemia
 - 1.10.1. Design of the Intervention Plan
 - 1.10.1.1. Establishment of Communicative Goals
 - 1.10.1.2. Relaxation and Stress Control Techniques
 - 1.10.2. Dysphemia Intervention Techniques
 - 1.10.2.1. Fluency Therapy
 - 1.10.2.2. Behavior Modification Techniques
 - 1.10.3. Intervention with Families
 - 1.10.3.1. Advice for Parents and Caregivers
 - 1.10.3.2. Workshops and Family Emotional Support
 - 1.10.4. Intervention Programs
 - 1.10.4.1. Group Therapy
 - 1.10.4.2. Educational and Awareness Programs

“You will address the most current therapeutic techniques and approaches, including the application of methodologies focused on rehabilitation and the promotion of communication, with the support of the *Relearning methodology*”

04

Teaching Objectives

The main objective will be to provide physicians with the knowledge and skills necessary to perform an accurate and detailed assessment of Speech Disorders, using advanced diagnostic tools and techniques. They will also be trained in the design and application of effective therapeutic interventions tailored to the individual needs of each patient. Another key objective will be to develop the ability to continuously evaluate and adjust speech therapy interventions based on the latest scientific advances and clinical evidence.



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You will create personalized intervention plans, considering factors such as the patient's age, the severity of the disorder, and the presence of comorbidities, addressing Speech Disorders in a comprehensive and effective manner”



General Objective

- ♦ Recognize the characteristics, classification, and etiology of dyslalia, dysarthria, and dysphasia, and their impact on linguistic, social, occupational, and academic development

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You will enhance your skills in intervention and optimization of therapeutic outcomes, integrating the latest advances in the field of Speech Disorders”





Specific Objectives

- ♦ Understand and use different tools and techniques to assess speech disorders, ensuring an accurate and appropriate diagnosis
- ♦ Design and apply effective interventions for the treatment of speech disorders, adapted to the needs of the patient
- ♦ Develop skills to assess and adjust speech therapy interventions, based on scientific evidence and advances in the field

05 Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



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TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

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*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule"

The effectiveness of the method is justified by four fundamental achievements:

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
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.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

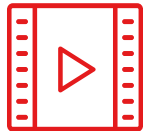
The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

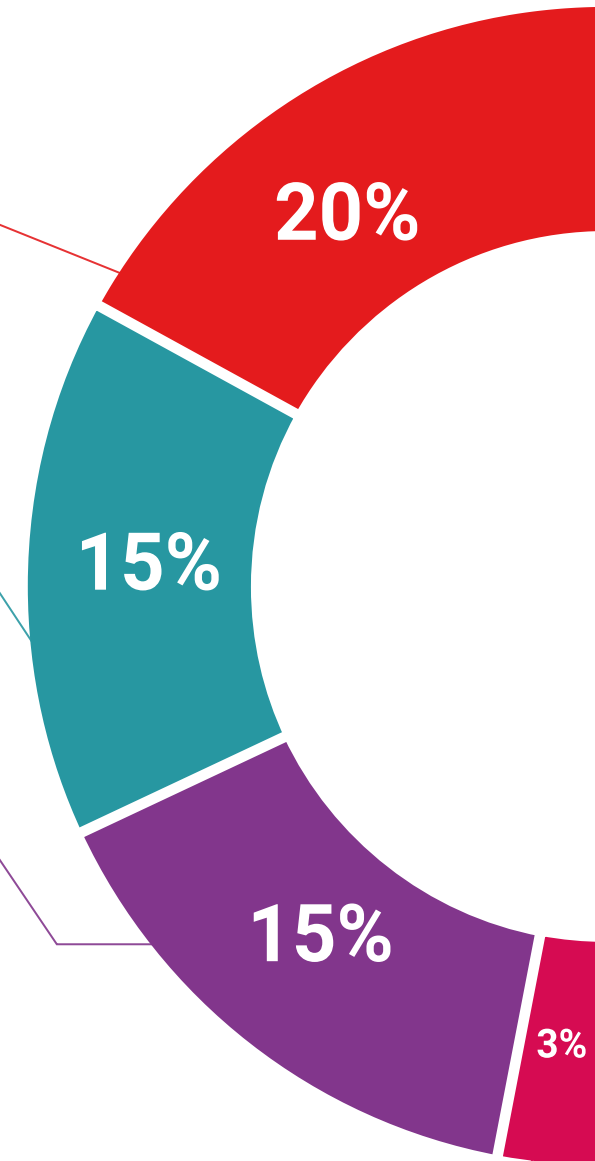
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

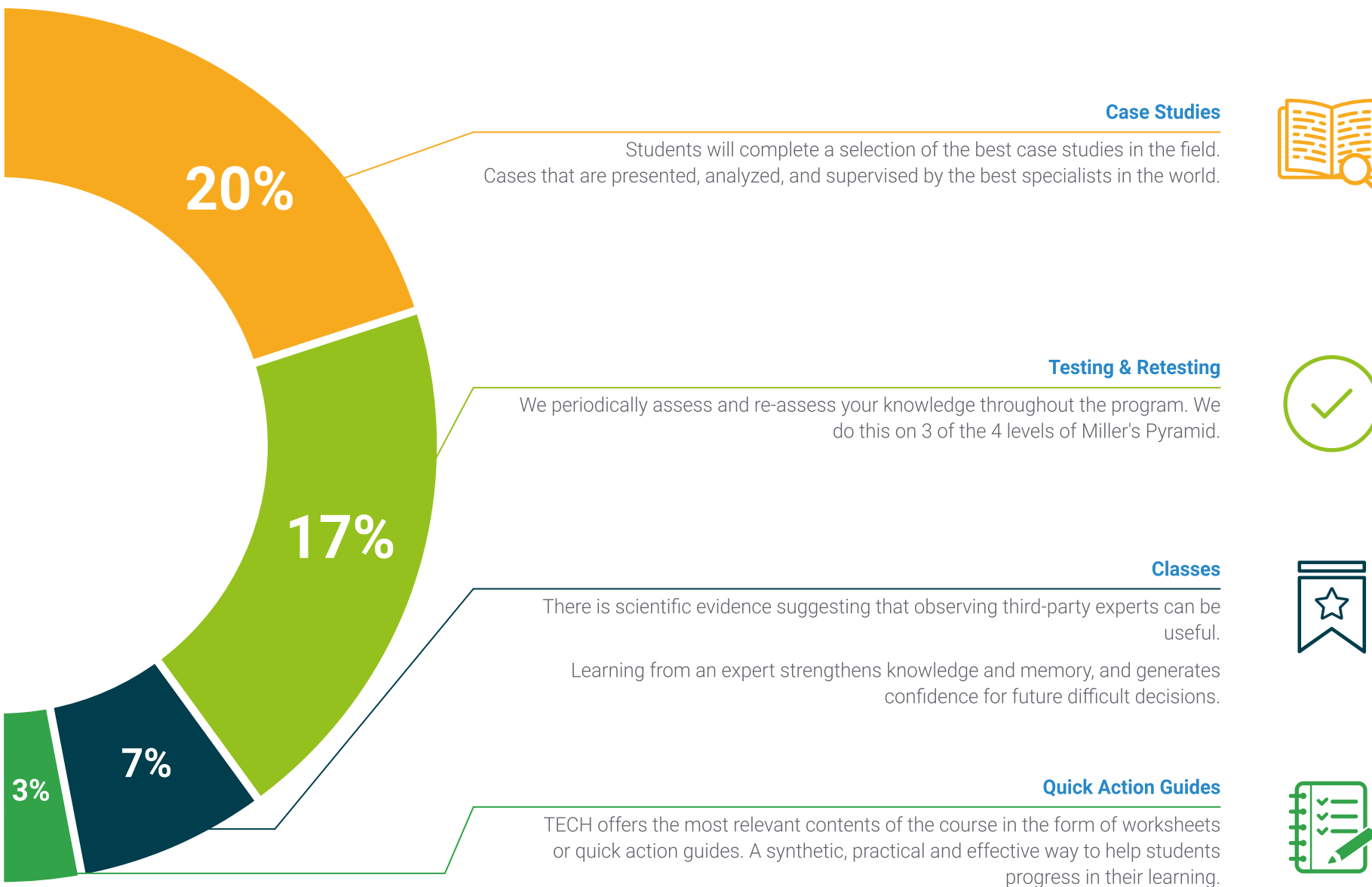
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





06 Certificate

The Postgraduate Certificate in Assessment and Intervention in Speech Disorder guarantees students, in addition to the most rigorous and up-to-date education, access to a diploma for the 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 private qualification will allow you to obtain a diploma for the **Postgraduate Certificate in Assessment and Intervention in Speech Disorders** 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** private qualification, 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 Assessment and Intervention in Speech Disorders**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**





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