



Postgraduate Certificate

Speech Therapy Intervention for Voice Disorders

» Modality: online

» Duration: 6 weeks

» Certificate: TECH Global University

» Accreditation: 6 ECTS

» Schedule: at your own pace

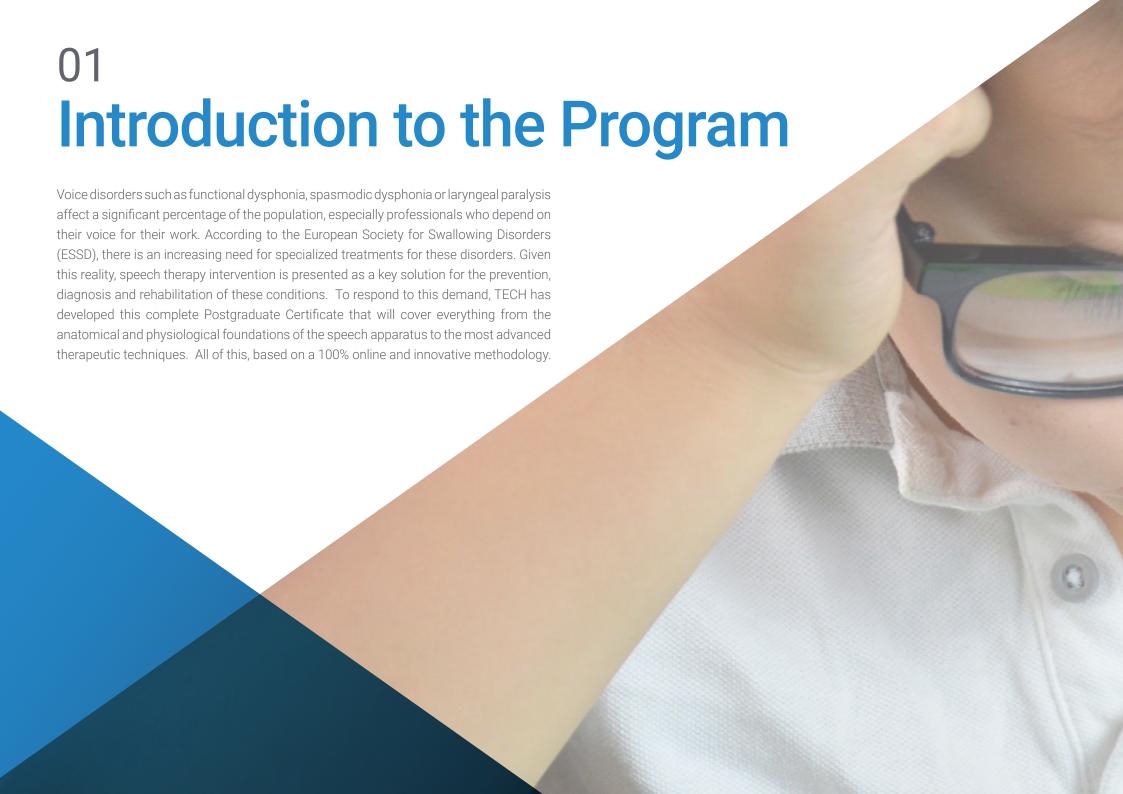
» Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-certificate/speech-therapy-intervention-voice-disorders

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tech 06 | Introduction to the Program

Voice disorders affect millions of people worldwide, impacting not only their communication, but also their social and professional lives. In this sense, each related disorder requires an individualized approach to design therapeutic strategies adapted to the needs of each patient. This is how speech therapy plays a fundamental role in vocal rehabilitation, contributing to well-being and improving quality of life.

In view of this, TECH has designed this Postgraduate Certificate in Speech Therapy Intervention for Voice Disorders, a program of the highest educational level that will emphasize the most relevant and outstanding aspects of this field. Through a specialized syllabus, the anatomy and physiology of phonation, vocal assessment procedures and the most innovative rehabilitation techniques will be studied in depth. Therapeutic approaches such as laryngeal massage, myofunctional therapy and the use of acoustic feedback devices will then be addressed, providing comprehensive knowledge to successfully address different voice disorders.

Based on this, professionals will be prepared to design personalized intervention plans and apply advanced vocal rehabilitation strategies in hospitals, specialized clinics and speech therapy offices. Likewise, they will acquire skills that will allow them to access new job opportunities in the clinical, academic and research fields, thereby increasing their competitiveness in a constantly evolving sector.

Finally, this program will be delivered 100% online, allowing graduates to access the content at any time and from any electronic device connected to the Internet. Thanks to the Relearning methodology, based on the reiteration of key concepts, training will be optimized in a natural and progressive way, favoring a deeper and more lasting understanding. With this innovative system, TECH will guarantee a flexible, dynamic experience adapted to the needs of today's professionals.

This **Postgraduate Certificate in Speech Therapy Intervention for Voice Disorders** contains the most complete and up-to-date scientific program on the market. Its most notable features are:

- The development of practical cases presented by experts in Speech Therapy.
- 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 Speech Therapy Intervention for Voice 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



At TECH you will have access to the best content, clinical case analyses and up-to-date techniques to enhance your professional development in Speech Therapy Intervention for Voice Disorders. Get started today!"

Introduction to the Program | 07 tech



Hone your speech therapy skills and make a difference in your patients' lives. With this 100% online Postgraduate Certificate, you will master the most innovative techniques in assessment and treatment.

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

The multimedia content, developed with the latest educational technology, will provide the professional with situated and contextual learning, i.e., a simulated environment that will provide an immersive learning experience designed to prepare for real-life situations.

This program is designed around Problem-Based Learning, whereby the student must try to solve the different professional practice situations that arise throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system created by renowned and experienced experts.

You will benefit from a completely up-to-date syllabus, complemented by interactive resources. Enroll now, study without fixed schedules and take your career to the next level!

The team of expert teachers will guide you in addressing dysphonia, vocal nodules and other disorders. All this with a flexible methodology and exclusive materials.







tech 10 | Why Study 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 syllabus





World's
No.1
The World's largest
online university

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 toprated 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.





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Module 1. Speech Therapy Intervention for Voice Disorders

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1.1.	I)v/cn	hania
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- 1.1.1. Definition of Dysphonia and Aphonia, Normal and Pathological Voice
 - 1.1.1.1. Difference between Dysphonia and Aphonia
 - 1.1.1.2. Characteristics of a Normal Voice
 - 1.1.1.3. Characteristics of a Pathological Voice
- 1.1.2. The Voice as an Element of Identity
 - 1.1.2.1. Psychological Importance of the Voice
 - 1.1.2.2. The Voice in The Construction of Personal Identity
- 1.1.3. Classification of Dysphonia
 - 1.1.3.1. Functional Dysphonias
 - 1.1.3.2. Organic Dysphonias
 - 1.1.3.3. Mixed Dysphonias
- 1.1.4. Voice Evolution with Age
 - 1.1.4.1. Voice Changes in Childhood
 - 1.1.4.2. Voice Changes in Adulthood
 - 1.1.4.3. Voice Changes in Old Age
- 1.2. Speech Therapy Assessment of the Voice
 - 1.2.1. Functional Assessment of the Voice
 - 1.2.1.1. Vocal Quality Assessment
 - 1.2.1.2. Resonance Assessment
 - 1.2.2. Medical History
 - 1.2.2.1. Patient's Medical History
 - 1.2.2.2. Risk Factors in Dysphonia
 - 1.2.3. Non-Speech Parameters
 - 1.2.3.1. Breathing
 - 1.2.3.2. Posture
 - 1.2.4. Speech Parameters
 - 1.2.4.1. Tone and Pitch
 - 1.2.4.2. Intensity and Projection
 - 1.2.5. Self-assessment Scales
 - 1.2.5.1. Dysphonia Severity Scale
 - 1.2.5.2. Vocal Quality Self-Assessment Scale



1.3.	Fundar	mentals of Voice Rehabilitation
	1.3.1.	Intervention in Voice Disorders
		1.3.1.1. Medical Treatment
		1.3.1.2. Surgical Treatment
	1.3.2.	Overview of Voice Rehabilitation
		1.3.2.1. Intervention Approaches
		1.3.2.2. Treatment Objectives
	1.3.3.	Biomechanical Objective of Voice Rehabilitation
		1.3.3.1. Restoration of Laryngeal Function
		1.3.3.2. Optimization of Vocal Function
	1.3.4.	Disorders Suitable for Rehabilitation and Prognosis
		1.3.4.1. Functional Dysphonias
		1.3.4.2. Organic Dysphonias
	1.3.5.	The Importance of Patient Adherence to Therapy
		1.3.5.1. Factors Affecting Adherence
		1.3.5.2. Strategies to Improve Adherence
		1.3.5.3. Principles of Sensorimotor Learning (PSL)
		1.3.5.4. Motor Learning in Voice Rehabilitation
		1.3.5.5. Application of Sensory Techniques in Therapy
1.4.	Philoso	ophical Trends in Speech Therapy Intervention for the Voice
	1.4.1.	Symptomatological Trend
		1.4.1.1. Treatment of Symptoms Without Modifying the Cause
		1.4.1.2. Techniques and Approaches of the Symptomatological Trend
	1.4.2.	Psychological Trend
		1.4.2.1. The Voice as an Emotional Reflex
		1.4.2.2. Psychological Techniques in Voice Rehabilitation
	1.4.3.	Hygienic Approach
		1.4.3.1. Basic Vocal Hygiene
		1.4.3.2. Voice Care and Prevention
	1.4.4.	Physiological Trend
		1.4.4.1. Biomechanical Approach to Voice Treatment
		1.4.4.2. Relaxation and Breathing Techniques

	1.4.5.	Eclectic Trend
		1.4.5.1. Combination of Approaches in Rehabilitation
		1.4.5.2. Benefits of an Eclectic Approach
	1.4.6.	Scientific Evidence
		1.4.6.1. Recent Studies in Voice Rehabilitation
		1.4.6.2. Results in the Application of Philosophical Trends
1.5.	Genera	Therapeutic Approach: Voice and Body
	1.5.1.	Muscles, Relaxation and Muscle Contraction: Concepts
		1.5.1.1. Muscles Involved in Phonation
		1.5.1.2. Muscle Relaxation in Voice Treatment
	1.5.2.	Muscles that Intervene in Phonation
		1.5.2.1. Respiratory Muscles
		1.5.2.2. Laryngeal Muscles
	1.5.3.	Upright Posture and Voice: Poor Posture
		1.5.3.1. The Effect of Posture on the Voice
		1.5.3.2. Correcting Bad Posture Habits
	1.5.4.	
		1.5.4.1. Relaxation Exercises
		1.5.4.2. Muscle Strengthening Exercises
1.6.	Genera	I Therapeutic Approach: Breathing
	1.6.1.	Respiratory Type and Mode
		1.6.1.1. Diaphragmatic Breathing
		1.6.1.2. Clavicular and Thoracic Breathing
	1.6.2.	<u> </u>
		1.6.2.1. Respiratory Coordination with Phonation
		1.6.2.2. Techniques for Dosing Breathing
	1.6.3.	Respiratory Teaching and its Importance in the Rehabilitation of Dysphoni
		1.6.3.1. Benefits of Controlled Breathing
		1.6.3.2. Breathing Techniques for Dysphonia
1.7.	Genera	I Therapeutic Approach: Resonance and Vocal Imposition
	1.7.1.	Concept of Resonance. Resonators
		1.7.1.1. Supraglottic Resonators
		1.7.1.2. Subglottic Resonators

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1.8.

1.7.2.	Non-linear Phonation Theory
	1.7.2.1. Basic Principles of Non-linear Phonation
	1.7.2.2. Application in Voice Therapy
1.7.3.	SOSV (Semi-Occluded Speech Vocal) Exercises
	1.7.3.1. Benefits of SOSV Exercises
	1.7.3.2. Techniques for Applying SOSV Exercises
1.7.4.	Importance of Resonance Work in Voice Problems
	1.7.4.1. Improving Voice Quality through Resonance
	1.7.4.2. Strategies for Optimizing Resonance
1.7.5.	The Concept of Vocal Imposition
	1.7.5.1. The Definition of Vocal Imposition
	1.7.5.2. Vocal Imposition Techniques in Rehabilitation
General	Therapeutic Approach: Articulation and Modulation
1.8.1.	Definition of Articulation
	1.8.1.1. Components of Articulation
	1.8.1.2. Types of Articulatory Errors
1.8.2.	Phonoarticulatory Organs
	1.8.2.1. Lips, Tongue and Palate
	1.8.2.2. Jaw and Teeth
1.8.3.	Resonance-Articulation Relationship
	1.8.3.1. Influence of Resonance on Articulation
	1.8.3.2. Techniques to Improve the Coordination between Resonance and Articulation
1.8.4.	Modulation, the Basis of Expressiveness
	1.8.4.1. Control of Modulation in the Voice
	1.8.4.2. Techniques to Improve Modulation
1.8.5.	Importance of Modulation Practice
	1.8.5.1. Improving Emotional Expression through Modulation
	1.8.5.2. Impact of Modulation on Vocal Effectiveness
1.8.6.	Exercises
	1.8.6.1. Exercises to Improve Modulation
	1.8.6.2. Exercises to Correct Articulatory Errors





Syllabus | 17 tech

- 1.9. Indirect Therapy: Vocal Hygiene
 - 1.9.1. Concept of Vocal Hygiene

1.9.1.1. Habits and Routines of Vocal Care

- 1.9.2. Guidelines for Vocal Hygiene
 - 1.9.2.1. Avoiding Voice Abuse

1.9.2.2. Proper Use of the Voice in Everyday Activities

- 1.9.3. Education in Voice Care
 - 1.9.3.1. Identification of Harmful Habits

1.9.3.2. Progressive Adaptation of Care Behaviors

- 1.10. Voice Rehabilitation in Different Disorders
 - 1.10.1. Functional and Organic-Functional Dysphonia

1.10.1.1. Treatment of Functional Dysphonia

1.10.1.2. Treatment of Organic-Functional Dysphonia

- 1.10.2. Organic Dysphonias
 - 1.10.2.1. Treatment of Mild Organic Dysphonia

1.10.2.2. Treatment of Severe Organic Dysphonia

- 1.10.3. Child Dysphonia
 - 1.10.3.1. Treatment of Functional Child Dysphonia

1.10.3.2. Treatment of Organic Child Dysphonia



The voice is a powerful tool, but also a vulnerable one. Become a specialist in its care with the most complete and up-to-date program on the educational market"





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General Objectives

- Understand the anatomical and physiological basis of the voice and how it is produced
- Identify the main voice disorders and their functional implications
- Assess dysphonia using specialized clinical and instrumental tests
- Apply therapeutic techniques for the rehabilitation of voice disorders
- Design speech therapy intervention programs adapted to each type of dysphonia
- Implement prevention strategies for the care and maintenance of vocal health
- Integrate the use of technology in the assessment and treatment of voice disorders
- Develop communication skills for advising patients with dysphonia
- Research new methodologies in speech therapy intervention to optimize treatments
- Improve the quality of life of patients with voice disorders through rehabilitation





Teaching Objectives | 21 tech



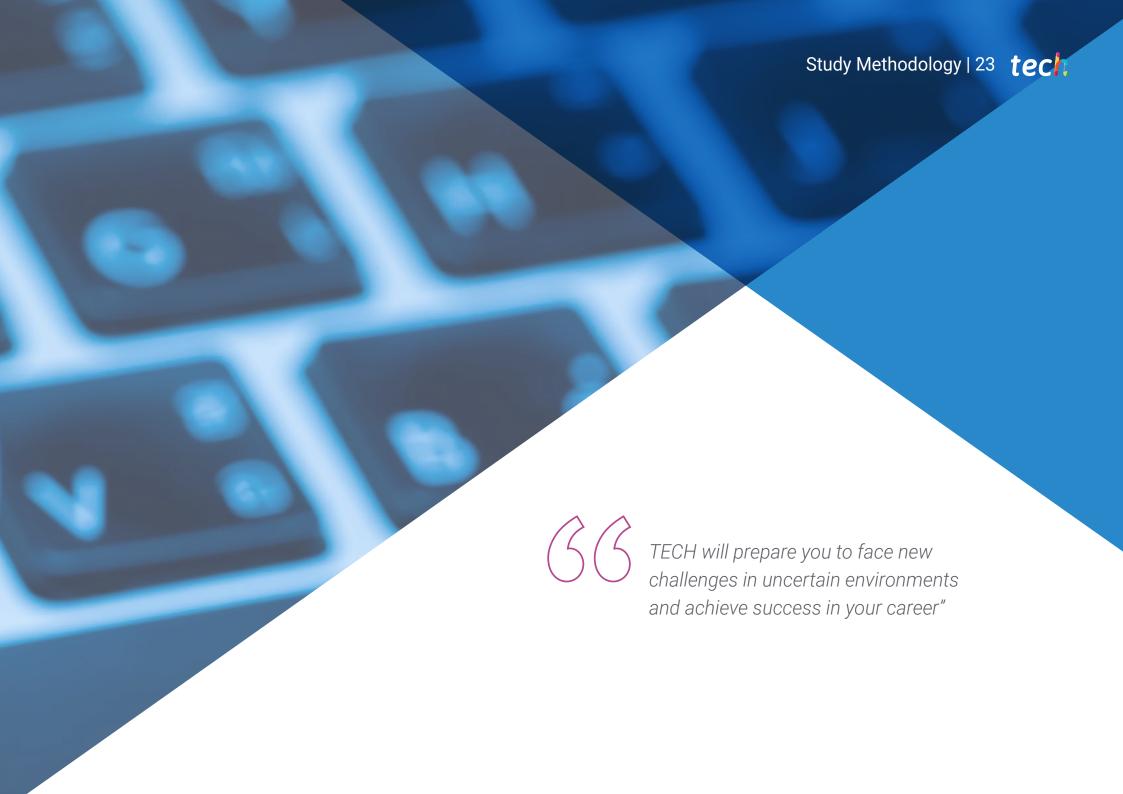
Specific Objectives

- Apply the bases of speech therapy in the treatment of the voice, taking into account collaboration with other professionals in voice disorders
- Identify and select the appropriate treatment (medical, surgical, speech therapy or a combination) for different vocal lesions
- Carry out an assessment of the voice at the beginning of the intervention, determining the pathophysiology and establishing a treatment plan
- Use speech therapy intervention approaches (hygienic, psychological, symptomatic, physiological and eclectic) according to voice disorders



The voice is key in communication and you can be the professional who helps to preserve it. With this online program, you will learn more about rehabilitation techniques, vocal hygiene and prevention"



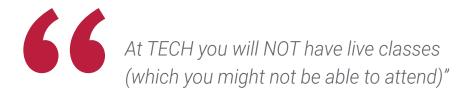


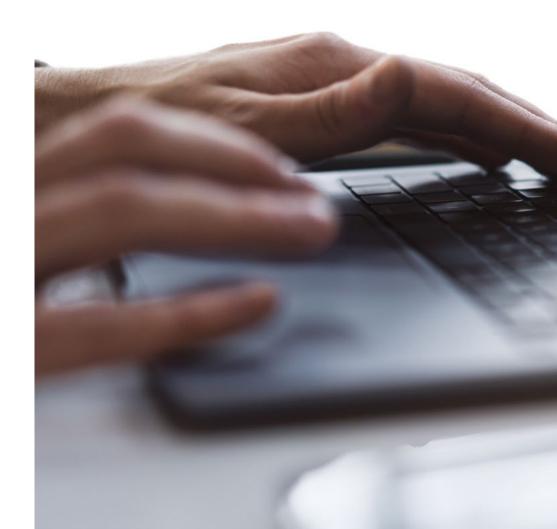
The student: the priority of all TECH programs

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.







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"

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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.

Study Methodology | 29 tech

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.

Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.

Testing & Retesting



We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.

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 for 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.







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This private qualification will allow you to obtain a diploma for the **Postgraduate Certificate** in **Speech Therapy Intervention for Voice 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 Speech Therapy Intervention for Voice Disorders

Modality: online

Duration: 6 weeks

Accreditation: 6 ECTS



Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Certificate in Speech Therapy Intervention for Voice Disorders

This is a private qualification of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024



^{*}Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH Global University will make the necessary arrangements to obtain it, at an additional cost.

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leducation information tutors
guarantee accreditation teaching
institutions technology learning



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