Postgraduate Diploma

Voice Therapy and Professional Use of the Voice

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Postgraduate Diploma
Voice Therapy and Professional Use of the Voice

- » Modality: **online**
- » Duration: **6 months**
- » Certificate: **TECH Global University**
- » Credits: **18 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

Website: **www.techtitute.com/us/education/postgraduate-diploma/postgraduate-diploma-voice-therapy-professional-use-voice**

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Introduction

In the professional use of the voice, the professional must be cared for in order to maintain their voice functionality and characteristics. In this program, students will learn how to perform voice therapy work, providing the complementary benefits of this type of approach. But it will also lead them to an in-depth knowledge of the different contexts in which the voice requires previous attention, support or curative or palliative intervention. In this program, TECH offers students the possibility to acquire all these skills in the most efficient way on the educational market.

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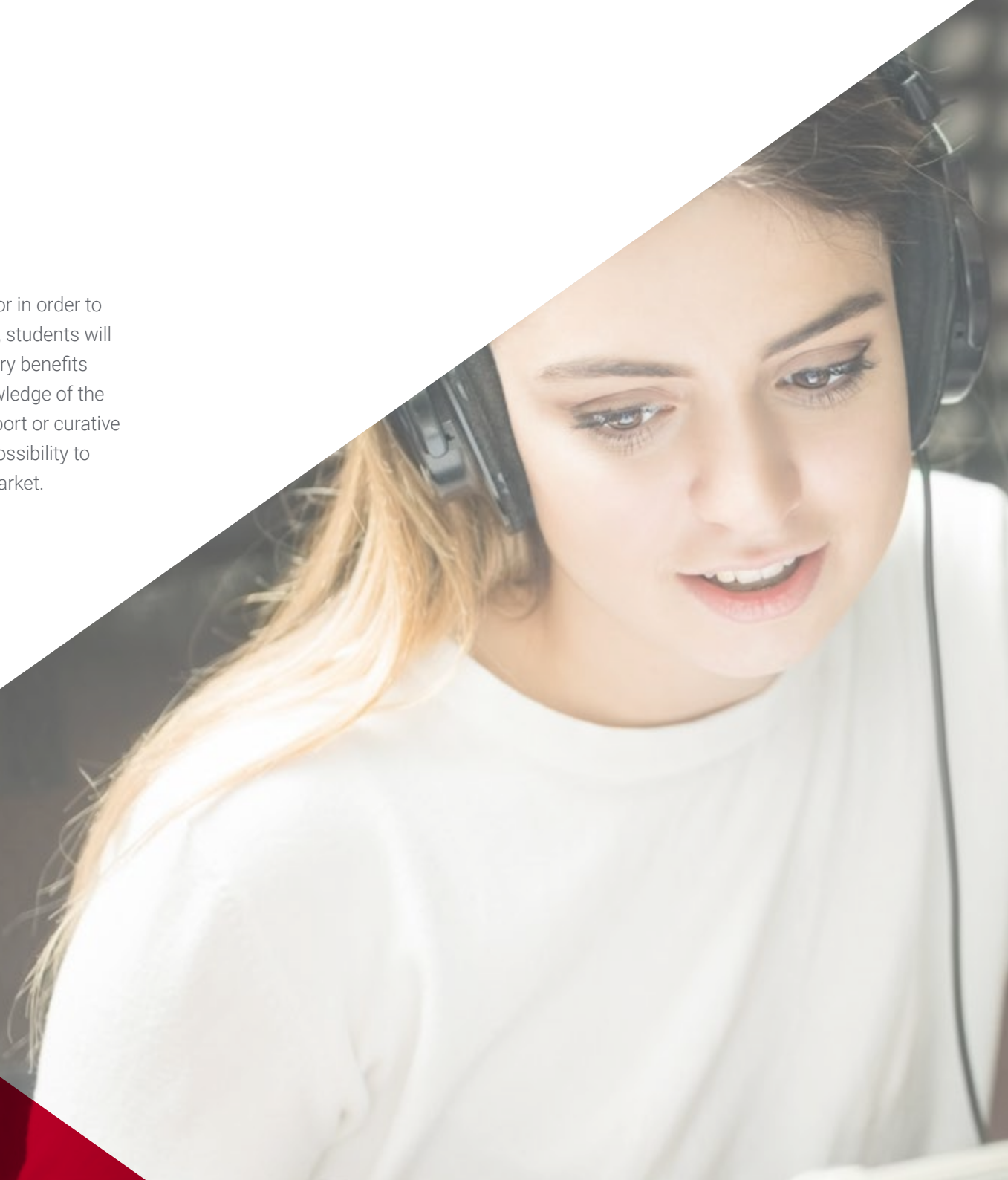
A highly important program for teachers that emphasizes professional voice care and where the educational context becomes a high value priority"

For voice professionals, working on prevention and maintenance is a necessity for which they need accompaniment through voice therapy, in addition to other traditional medical techniques. Professionals who provide voice therapy do so in numerous contexts and situations. Professionals such as broadcasters, journalists, commercials, actors, singers, etc., require knowledge and management of their speaking apparatus, since it is essential for their work. In this sense, it is also important to be aware of the multifactorial nature of the voice and its alterations. The changes that occur in the human voice over time are related, among other factors, to the maturation and development of the phonorespiratory system, as well as to its deterioration.

Another type of change is due to sex-related differences. There are also modifications in the voice due to professional use and to structural and functional alterations associated or not with other pathologies. And all of this is evident in both the normal voice and the pathological voice.

For all these reasons, knowledge about the use of one's own voice, programs for the prevention of disorders and Voice Therapy applied to the use in different contexts, are crucial elements for the health, well-being and development of any speaker.

This type of training makes professionals in this field increase their ability to succeed, which results in better practice and performance that will have a direct impact on their professional work, both in the teaching field and in the field of professional communication.

This program offers a very broad view of vocal pathology and voice physiology, with examples of successful cases. It includes all the necessary and basic techniques for the preparation and re-education of the voice, taking into account the professions that use it as their main working tool, providing tools, experiences and advances in this field, which have also been guaranteed by the teaching staff on the Postgraduate Diploma, since all of them work in the field. The professional will learn based on professional experience, as well as evidence-based education, which makes the student's preparation more effective and accurate.

This **Postgraduate Diploma in Voice Therapy and Professional Use of the Voice** offers the characteristics of a high-level educational, teaching and technological program. These are some of its most notable features:

- The latest technology in online teaching software
- A highly visual teaching system, supported by graphic and schematic contents that are easy to assimilate and understand
- Practical cases presented by practising experts
- State-of-the-art interactive video systems
- Teaching supported by telepractice
- Continuous updating and recycling systems
- Autonomous learning: full compatibility with other occupations
- Practical exercises for self-evaluation and learning verification
- Support groups and educational synergies: questions to the expert, debate and knowledge forums
- Communication with the teacher and individual reflection work
- Content that is accessible from any fixed or portable device with an Internet connection
- Supplementary documentation databases are permanently available, even after the program

With this Postgraduate Diploma, you will be able to balance a high intensity program with your professional and personal life, achieving your goals in a simple and real way"

A high-quality preparation program that will enable you to become a highly competent professional"

The collaborators of this Postgraduate Diploma are professionals in the sector who will provide with the greatest compendium of knowledge in both scientific and purely technical disciplines.

In this way TECH ensures to offer you the updating objective it intends. A multidisciplinary team of trained and experienced professionals in different environments, who will develop the theoretical knowledge in an efficient way, but, above all, will put at the service of the program the practical knowledge derived from their own experience: one of the differential qualities of this specialization.

This mastery of the subject is complemented by the effectiveness of the methodological design of this Postgraduate Diploma in Voice Therapy and Professional Use of the Voice. Developed by a multidisciplinary team of experts, it integrates the latest advances in educational technology. In this way, the students will be able to study with a range of comfortable and versatile multimedia tools that will give them the operability they need in their learning process.

The design of this program is based on Problem-Based Learning: an approach that views learning as a highly practical process. To achieve this remotely, telepractice will be used: with the help of an innovative system of interactive videos, and *learning from an expert* you will be able to acquire the knowledge as if you were facing the case you are learning at that moment. A concept that will allow students to integrate and memorize what they have learnt in a more realistic and permanent way.

A program created and directed by active professionals who are experts in this area of work, making this Postgraduate Diploma a unique opportunity for professional growth.

Our innovative telepractice concept will give you the opportunity to learn through an immersive experience, with a high educational impact.
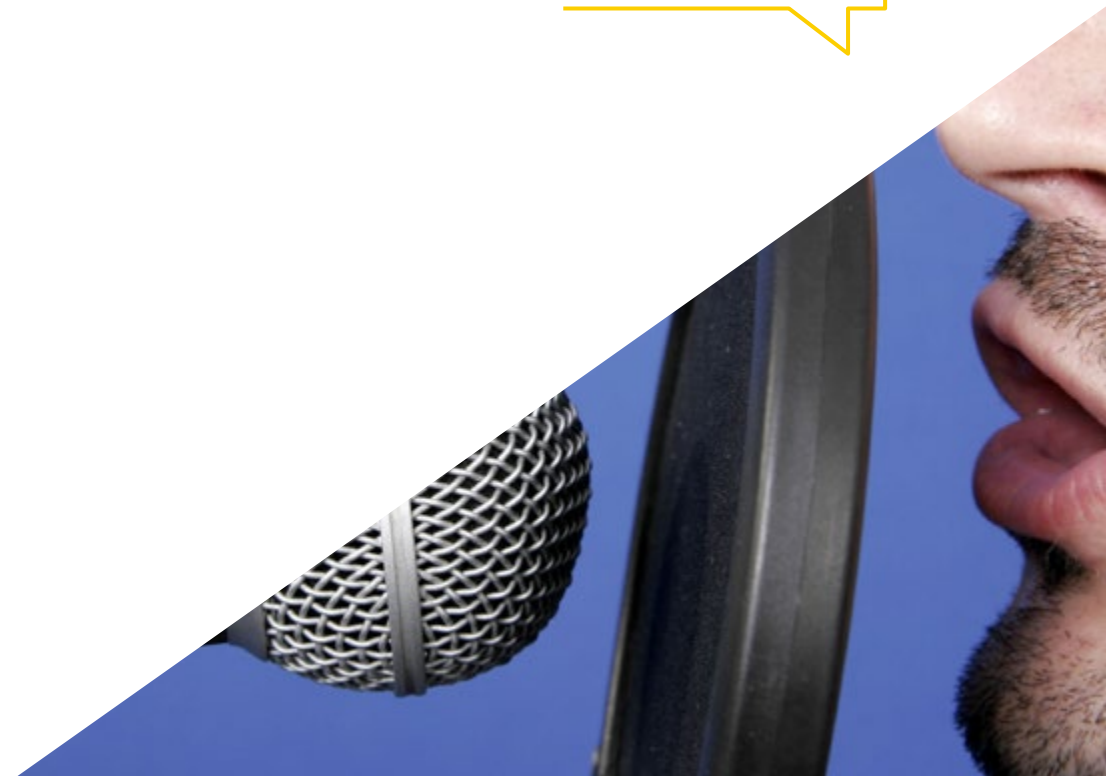
Objectives

The Postgraduate Diploma offers detailed information on the most relevant advances in the specialty from an eminently practical point of view, in a time where accredited knowledge is essential.

The objective of this program is to offer professionals who work in Voice Therapy, the necessary knowledge and skills to perform their duties using the most advanced protocols and techniques of the moment.

"
Acquire techniques and specific work procedures to provide care to patients who use their voice professionally, in a high-quality specialization program"

General Objectives

- Learn the specific anatomical and functional aspects of the phonatory system as a basis for the rehabilitation of vocal pathologies and for vocal work with voice professionals
- Gain in-depth knowledge of the most current diagnostic and treatment techniques
- Delve into the knowledge and analysis of the results obtained in objective voice assessments
- Learn how to implement a correct and complete assessment of vocal function in daily clinical practice
- Know the most important features of the voice and learn to listen to different types of voices in order to know which aspects are altered to guide clinical practice
- Analyze the different possible voice disorders and achieve scientific rigor in treatments
- Learn about different approaches to the treatment of vocal pathologies
- Raise awareness of the need for vocal care
- Teach voice therapy work focused on different voice professionals
- Learn the importance of multidisciplinary work in some voice pathologies
- View the voice as a global ability of the person and not as an exclusive act of the phonatory system
- Solve real practical case studies with current therapeutic approaches based on scientific evidence

Specific Objectives

Module 1. Anatomical, Physiological and Biomechanical Basics of the Voice

- Learn about the phylogenetic origin of the phonatory system
- Learn about the evolutionary development of the human larynx
- Learn the main muscles and the functioning of the respiratory system
- Learn about the main anatomical structures that make up the larynx and how they function
- Learn the histology of the vocal cords
- Analyze the vibratory cycle of the vocal cords
- Analyze the different structures and cavities that form the vocal tract
- Study the different theories that have given answers to how voice is produced
- Study the characteristics of phonatory physiology and its main components
- Gain in-depth knowledge of the different exploratory tests used in the morphofunctional exploration of the larynx
- Learn the instruments needed to perform a morphofunctional assessment of the phonatory system

Module 2. The Professional Use of the Spoken Voice

- Learn the risk groups of professional vocal pathology
- Apply a plan of hygienic measures to care for the voice
- Learn the specific objectives of vocal work for each group of professionals
- Learn to work on aspects of vocal flexibility
- Learn to work on aspects of vocal resistance
- Learn to work on the versatility of the voice required in these professional groups
- Make work proposals according to each group

- Solve practical cases
- List the components of the singing voice
- Describe the aspects of emission, articulation and intonation
- Explain the different vocal registers

Module 3. Professional Singing Voice

- Program vocal therapy goals in professional singing voice
- Describe the artistic part of the process
- Explain, handle and manipulate the tone
- Explain, manage and manipulate intensity in a healthy way
- Know, handle and manipulate projection in a healthy way
- Know how to apply a vocal resistance program without damage
- Define the basis of sensorimotor learning applied to the singing voice
- Localize the muscular work in each emission
- Solve practical cases
- Define the relationship between psychology and voice
- Explain the influence of vocal aspects on non-verbal communication

A boost to your professional profile that will give you the competitiveness of the most highly prepared professionals in the labor market"

03

Course Management

Within the concept of total quality of the program, TECH is proud to offer students a teaching staff of the highest level, chosen for their proven experience. Professionals from different areas and fields of expertise that make up a complete, multidisciplinary team. A unique opportunity to learn from the best.

An impressive teaching staff, consists up of professionals from different areas of expertise, will be your teachers during your studies: a unique opportunity not to be missed"

Guest Director

Mr. Gavilán, Javier

- Head of Service and Professor of Otorhinolaryngology at the La Paz university hospital, Madrid
- 350 articles in international scientific journals
- Recipient of the Honor Award from the American Academy of Otolaryngology-HNS
- Member of more than 25 Scientific Societies

Co-Direction

Ms. Martín Bielsa, Laura

- Speech therapist and teacher
- Expert in voice pathology
- Director of Multidisciplinary Center Dime Más
- CFP Estill Voice Training
- Extensively trained in different methods of vocal rehabilitation
- Dean of the Professional Association of Speech-Language Pathologists of Aragon

Professors

Ms. Ogén Morado, Carolina

- ENT Service at the La Paz university hospital of Madrid
- Postgraduate course in rehabilitation and improvement of the professional speaking and singing voice Institute of Human Sciences-University of Alcalá de Henares Madrid
- Postgraduate course in voice pathology Institute of Human Sciences-University of Alcalá de Henares Madrid
- Graduate in Teaching, specializing in Hearing and Language, University of La Coruña
- Postgraduate course in Hearing and Language Disorders at the University of La Coruña
- Diploma in Speech Therapy from the University of La Coruña

Dr. García-López, Isabel

- PhD in Medicine and Surgery from the Autonomous University of Madrid
- Medical Specialist in Otorhinolaryngology with specific training and dedication to Voice Pathology
- General Vice-Secretary of the Spanish Society of Otorhinolaryngology and Head and Neck Surgery
- Lecturer in the postgraduate course on Voice Disorders at the Ramon Llul University of Barcelona
- Professor of the Master's Degree in Vocal Disorders at the Catholic University of Murcia
- Member of the main scientific societies in the world related to voice: Voice Foundation, Collegium Medicorum Theatri, European Society of Laryngology, International Association of Phonosurgery and Spanish Society of Otorhinolaryngology and Head and Neck Surgery
- Otorhinolaryngology Department, La Paz hospital, Madrid

Dr. Bernáldez Millán, Ricardo

- ENT Assistant in the specialty of Otorhinolaryngology at La Paz university hospital, La Paz
- PhD in Medicine and Surgery from the Autonomous University of Madrid
- Teaching collaborator for the subject of Otorhinolaryngology at the Faculty of Medicine of the UAM
- More than 30 ENT-related publications in scientific journals
- Author of 15 book chapters on Otolaryngology
- Specialized in Head and Neck Surgery

Dr. Rivera Schmitz, Teresa

- Head and Neck Section of the La Paz university hospital, Madrid
- Specialized in Laryngology
- Degree in Medicine and Surgery
- She studied at the Autonomous University of Madrid and completed her residency at the Unviersiy Hospital Complex of Vigo
- Fellowship at the Bradford Royal Infirmary Hospital in the United Kingdom, in the field of Otology
- She has published several articles as author or co-author and has participated in some book chapters and papers in recent years In addition, she has participated in lectures and courses as a speaker in the field of voice and dysphagia

Dr. Pozo García, Susana

- Physiotherapist
- Director of the Fisyos Center in Andorra
- Specialist in Osteopathy Extensive training and clinical experience in myofascial induction, dry needling and lymphatic drainage
- Internship tutor at the Health Sciences University School of Zaragoza

Dr. Fernández Peñarroya, Raúl

- Director of the Fisyos center in Andorra
- Physiotherapist with extensive training in Rehabilitation
- Manual therapy, fascial treatment and dry needling
- Research activity on aspects of physiotherapy treatment in Parkinson's disease

Ms. Romero Meca, Alizia

- Diploma in Music Education
- CMT Certified Teacher at Estill Voice Training
- Currently preparing for certification as a CCI Instructor at Estill Voice Training
- Professional singer since 1996, with several tours and more than 500 performances
- Vocal Coach since 2000, teaching classes of all musical genres, levels and groups
- Director and singer of the Chamber Choir The Gospel Wave Choir
- Course Organizor for Official Estill Voice Training

04
Structure and Content

The contents of this Postgraduate Diploma have been developed by the different experts on this program, with a clear purpose: to ensure that our students acquire each and every one of the necessary skills to become true experts in this field.

A comprehensive and well-structured program that will lead to the highest standards of quality and success.

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This Postgraduate Diploma in Voice Therapy and Professional Use of the Voice contains the most complete and up-to-date educational program on the market"

Module 1. Anatomical, Physiological and Biomechanical Fundamentals of the Voice

1.1. Laryngeal Phylogeny and Embryology
- 1.1.1. Laryngeal Phylogeny
- 1.1.2. Laryngeal Embryology

1.2. Basic Concepts of Physiology
- 1.2.1. Muscle Tissue
- 1.2.2. Types of Muscle Fibers

1.3. Respiratory System Structures
- 1.3.1. Chest
- 1.3.2. Airways

1.4. Respiratory System Musculature
- 1.4.1. Inspiratory Muscles
- 1.4.2. Expiratory Muscles

1.5. Physiology of the Respiratory System
- 1.5.1. Respiratory System Function
- 1.5.2. Lung Capacities and Volumes
- 1.5.3. Lung Nervous System
- 1.5.4. Resting Breathing vs. Breathing in Phonation

1.6. Laryngeal Anatomy and Physiology
- 1.6.1. Laryngeal Skeleton
- 1.6.2. Laryngeal Cartilages
- 1.6.3. Ligaments and Membranes
- 1.6.4. Joints
- 1.6.5. Musculature
- 1.6.6. Vascularization
- 1.6.7. Laryngeal Innervation
- 1.6.8. Lymphatic System

1.7. Structure and Function of the Vocal Cords
- 1.7.1. Histology of the Vocal Cords
- 1.7.2. Biomechanical Properties of the Vocal Cords
- 1.7.3. Phases of the Vibration Cycle
- 1.7.4. Fundamental Frequency

Module 2. The Professional Use of the Spoken Voice

Module 3. Professional Singing Voice

A comprehensive teaching program, structured in well-developed teaching units, oriented towards learning that is compatible with your personal and professional life"

05
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.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

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.

20%

15%

15%

3%

20%

17%

7%

3%

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.

06
Certificate

The Postgraduate Diploma in Voice Therapy and Professional Use of the Voice guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Global University.

Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This program will allow you to obtain your **Postgraduate Diploma in Voice Therapy and Professional Use of the Voice** 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** title 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 Diploma in Voice Therapy and Professional Use of the Voice**

Modality: **online**

Duration: **6 months**

Accreditation: **18 ECTS**

tech global university

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

Postgraduate Diploma in Voice Therapy and Professional Use of the Voice

This is a program of 450 hours of duration equivalent to 18 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

Dr. Pedro Navarro Illana
Chancellor

Unique TECH Code: AFWORD23S   techtitute.com/certificates

*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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