



## Postgraduate Diploma

Animal Assisted Speech Therapy Intervention

» Modality: online

» Duration: 6 months

» Certificate: TECH Technological University

» Dedication: 16h/week

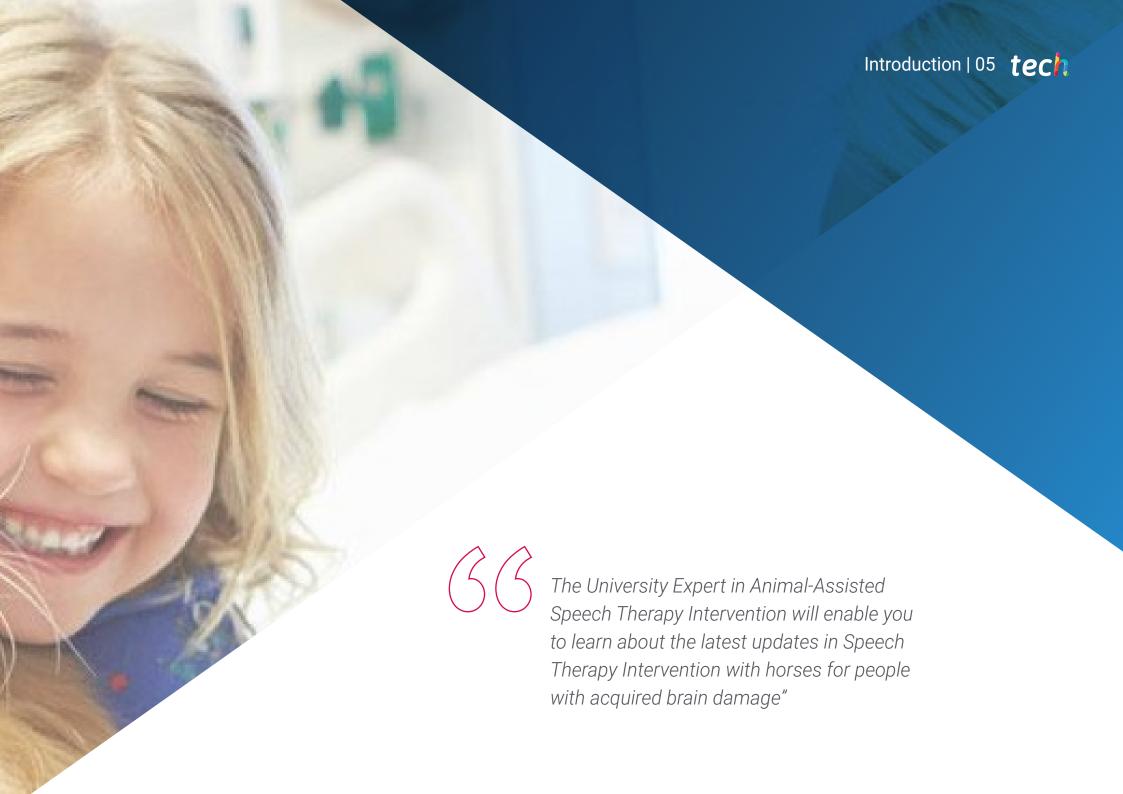
» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/medicine/postgraduate-diploma/postgraduate-diploma-animal-assisted-speech-therapy-intervention

# Index





## tech 06 | Introduction

In recent years, dogs, horses or some farm species have ceased to be simple food or companion animals and have become an active part of synergistic and balanced relationships with people, helping them to overcome their speech therapy problems. In this sense, their intervention can help in a relevant way to enhance the development of a more functional communication in those users with whom they work. For this reason, knowledge of the most advanced techniques for the performance of these assisted therapies is essential for all specialists who wish to optimize their professional update.

This is why TECH has designed this program, through which the student will delve into the advances in Animal Assisted Speech Therapy Intervention. During 600 intensive hours of learning, you will identify cutting-edge treatments for the speech therapy problems of individuals with Autism Spectrum Disorder with the help of dogs or horse therapy for individuals with acquired brain damage. Likewise, it will determine the updated protocols for the design and planning of the Speech Therapy Intervention with these animals.

All this, following a completely online methodology, which will enable the specialist to obtain effective learning through the development of their own study schedules. It will also have a series of didactic materials available in a wide range of textual and multimedia formats that vary from one another. As a result, you will acquire an education completely adapted to your study preferences.

This **Postgraduate Diploma in Animal Assisted Speech Therapy Intervention** contains the most complete and up-to-date scientific program on the market. The most important features include:

- 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
- 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



Throughout this academic itinerary, you will learn about state-of-the-art protocols for the design and planning of Speech Therapy Intervention using animals such as horses or dogs"

66

Study from anywhere in the world and at any time you consider appropriate thanks to the completely online delivery of this degree"

The program's teaching staff includes professionals from the field who contribute their work experience to this educational 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 education programmed to train in real situations.

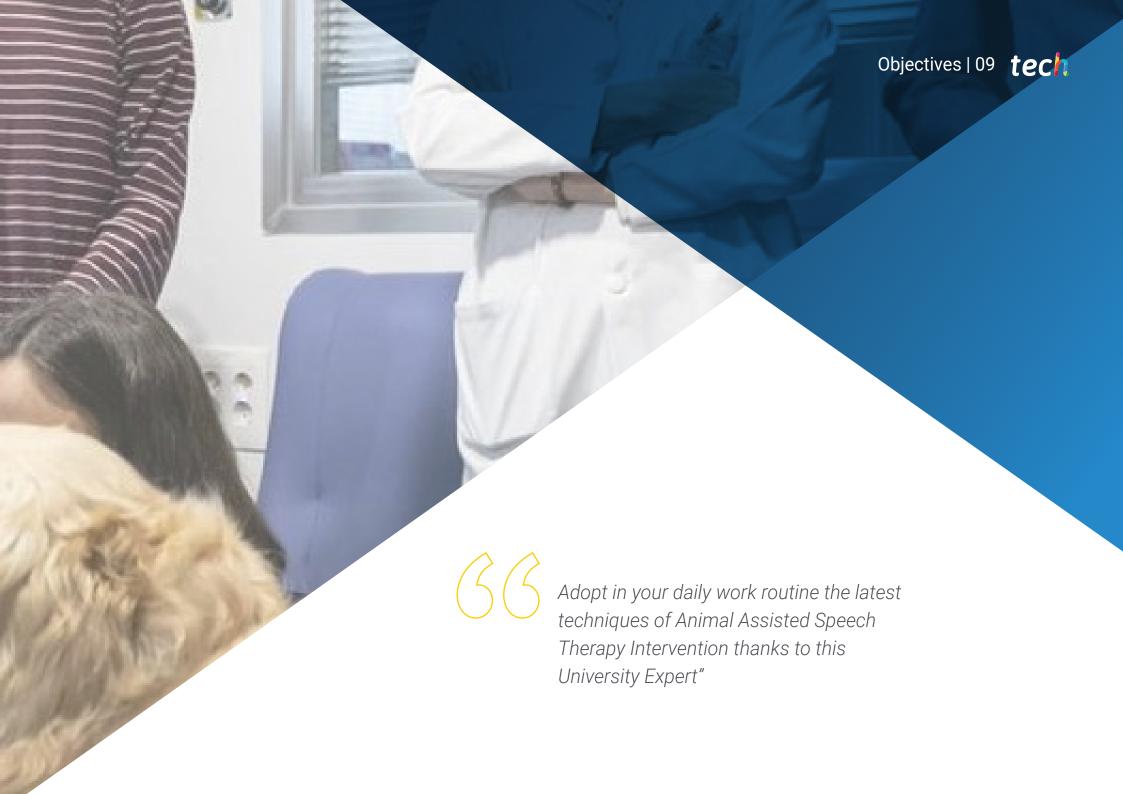
This program is designed around Problem-Based Learning, whereby the professional must try to solve the different professional practice situations that arise during the academic year For this purpose, the students will be assisted by an innovative interactive video system created by renowned and experienced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

Detect, with this program, the updated treatments of Dog Assisted Speech Therapy Intervention for people with Autism Spectrum Disorder.

Enjoy an enjoyable and completely effective teaching, learning through modern didactic formats such as the interactive summary or the self-assessment test.







## tech 10 | Objectives



### **General Objectives**

- To analyze the origin and evolution of human-animal relationships in order to justify
  the importance of the bond between them. in order to justify the importance of the link
  between them
- To present the different lines of research that are being carried out in the field of Animal Assisted Interventions. of Animal Assisted Interventions
- To establish the general foundations that justify the efficiency of therapeutic work in the field of Animal Assisted Interventions. in the field of Animal Assisted Interventions
- Detect the main characteristics of the population groups susceptible to receive this type of intervention
- To analyze the figure of the speech therapist within the field of Animal Assisted Intervention (AAI)
- Delimit the different fields of action of the speech therapist within Animal Assisted Intervention
- Design and plan Animal Assisted Interventions within the speech therapy field
- Examine current developments and lines of research
- To substantiate the benefits and importance of animal-assisted therapies for different target populations in different target populations
- To generate specialized knowledge for the selection of the different species and breeds of animals that can intervene in the field of Animal Assisted Interventions
- Substantiate importance of a comprehensive training process for animals collaborating in animal-assisted interventions
- Establish parameters required to educate and train animals as co-therapists
- Assess efficiency of specialists carrying out educational process for animals as co-therapists





### **Specific Objectives**

#### Module 1. Animal Assisted Therapy Intervention

- Examine the importance of human-animal relationships throughout history in order to better understand their expansion and current development
- \* Study the history and evolution of animal-assisted therapies and interventions
- Demonstrate the validity of Animal Assisted Therapies and Interventions through documented studies
- To delimit the main concepts that revolve around the modalities and fields of application of Animal Assisted Interventions
- Differentiate the different work methodologies that can be found in the field of Animal Assisted Interventions
- Identify the different species of animals most frequently involved in the field of Animal Assisted Interventions, as well as their main characteristics
- To know the main benefits and harms related to Animal Assisted Interventions
- Establish the most important protection, prevention and safety measures in the work of Animal Assisted Interventions
- Review some of the ethical and moral considerations arising from animal work



## tech 12 | Objectives

#### Module 2. intervention within Areas in Animal-Assisted Interventions (AAI)

- Identify the main characteristics of users with physical and/or motor needs and sensory impairments
- Determine the characteristics and needs of those users with cognitive and/or intellectual impairments
- Recognize, differentiate and know the characteristics of the main groups at risk of social exclusion
- Identify the main characteristics and needs in the field of early care and the socioeducational field
- Delimit the areas of intervention within the processes of personal growth and team building
- Establish the group of animals at risk of exclusion as a field of intervention within Animal Assisted Interventions (AAI)

## Module 3. Animals.-Assisted Therapies and Interventions: The basics of speech Approach

- Define and differentiate basic terminology in the field of speech therapy
- Identify the different intervention Fields Speech
- To develop different methodologies and forms of intervention within the field of Speech Therapy through Animal Assisted Interventions (AAI)
- Conocer las principales formas de comunicación y sus vías de expresión
- To define the profile of the speech therapist in Equine Assisted Interventions, as well as his main intervention objectives
- To Determine the profile of the speech therapist in Dogs. Assisted Interventions, as well as his main intervention objectives
- Identify the speech therapy needs of users and how they can be met through Animal Assisted Interventions (AAI)

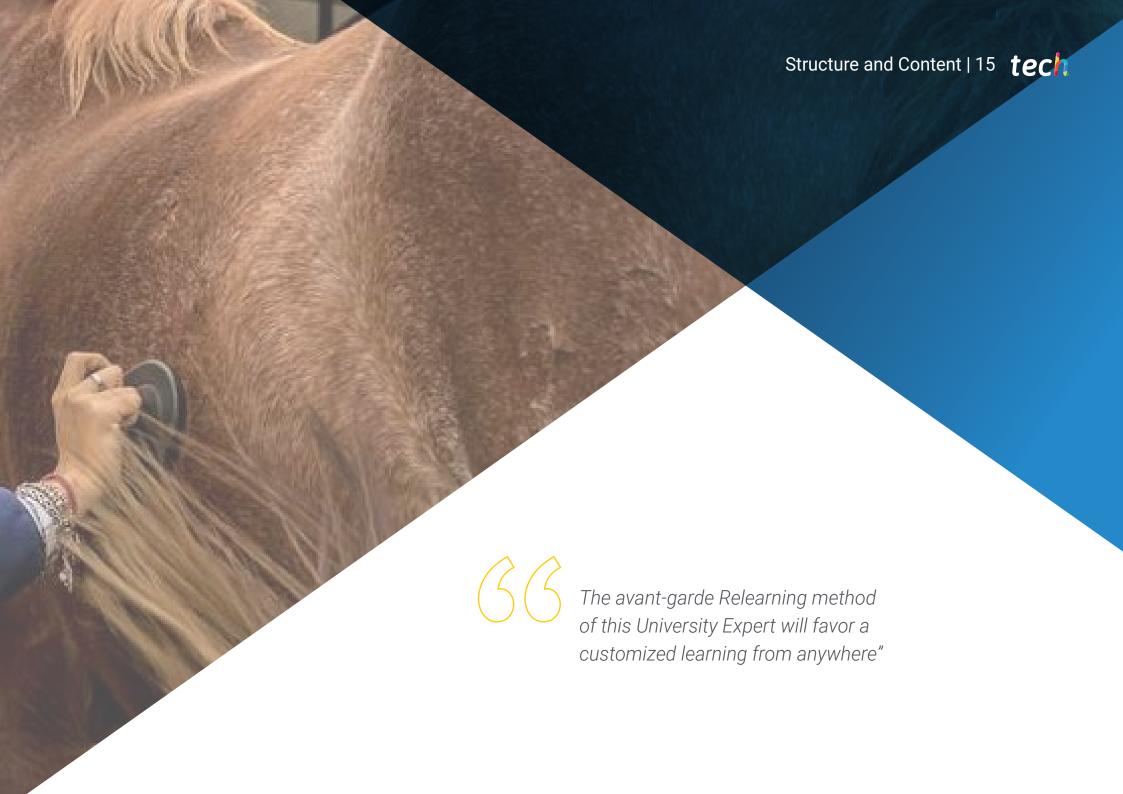




## Module 4. Selection, Education, Training and Training of the Animal as a Co-Therapist

- Identify the fundamental traits that the animal that will work in the field of Animal Assisted Interventions (AAI) must have
- Establish the criteria for the selection of the dog as a co-therapist in Animal Assisted Interventions
- Establish the criteria for the selection of the Horses as a co-therapist in Animal Assisted Interventions
- To have the general characteristics for a correct selection of marine mammals and other animals to work in the field of Animal Assisted Interventions
- To understand the different learning theories in order to make the work of training the animal as a cotherapist much more efficient
- Establish the optimal processes of socialization and socialization of the animal to be used in Animal Assisted Interventions
- To have at one's disposal the different methodologies for the training of the animal as a cotherapist
- Optimize the training process of the animal, as well as its work in the field of AAI
- Collect information on the different materials that can be used in the field of AAI
- Implement a method for monitoring and evaluation of the animal's work as a co-therapist

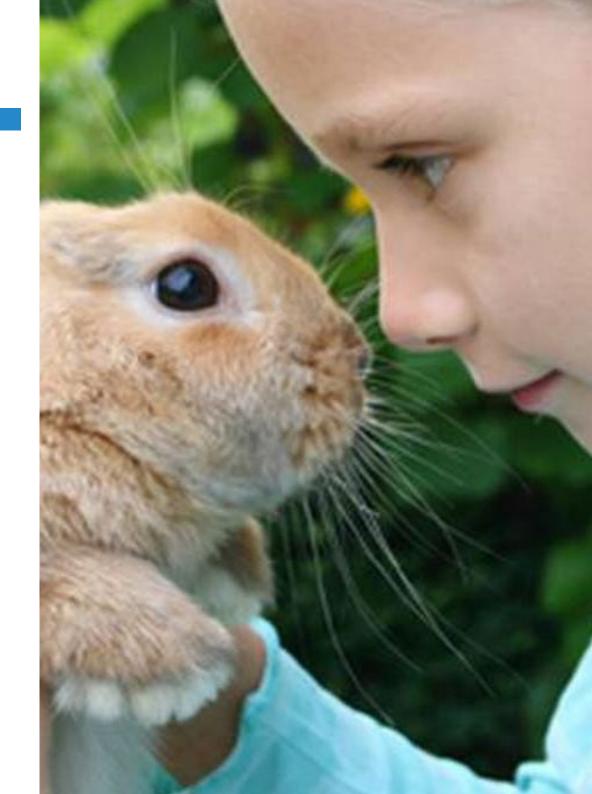




## tech 16 | Structure and Content

#### Module 1. Animal Assisted Therapy Intervention

- 1.1. History and evolution of human-animal interaction
  - 1.1.1. Anthrozoology
  - 1.1.2. Zooanthropology
  - 1.1.3. Biophilia
- 1.2. Origin of Animal-Assisted Interventions
  - 1.2.1. first traces of Animal-Assisted Interventions
  - 1.2.2. Animals.-Assisted Therapies and Interventions: in the basics the XX century
  - 1.2.3. Equine-Assisted Therapies and Interventions: A Physiotherapeutic Approach
- 1.3. First lines of research on animal-assisted therapy work
  - 1.3.1. Main lines of research in Equine Assisted Interventions (HAI)
  - 1.3.2. Main lines of research in Dogs. Assisted Interventions (HAI)
  - 1.3.3. Fundamentals of Animal-Assisted Interventions
- 1.4. Theoretical Basis
  - 1.4.1. Theory of the link
    - 1.4.1.1. Attachment Theory
    - 1.4.1.2. Theory of occupational behavior
  - 1.4.2. Scientific Basis
  - 1.4.3. Psychological and psychosocial benefits
  - 1.4.4. Physiological and physical benefits
- 1.5. Conceptual framework and contexts of application of Animal Assisted Interventions
  - 1.5.1. Hospital context
  - 1.5.2. Socio-health context
  - 1.5.3. The Educational Context
  - 1.5.4. Penitentiary area
- 1.6. Approaches and methodologies of work in Animal Assisted Interventions
  - 1.6.1. Types of Approaches of Animal-Assisted Interventions
    - 1.6.1.1. Multidisciplinary approach
    - 1.6.1.2. Therapist or private educator
    - 1.6.1.3. Volunteer programs
    - 1.6.1.4. University programs



## Structure and Content | 17 tech

- 1.6.2. Methodology of Work
  - 1.6.2.1. Initial Considerations
  - 1.6.2.2. First Assessment
  - 1.6.2.3. Establishment of Objectives
  - 1.6.2.4. Monitoring
  - 1.6.2.5. Final Summative Assessment
- 1.7. Therapeutics. The therapy animal
  - 1.7.1. Main characteristics of therapy animals
- 1.8. Indications and Contraindications of Animal-Assisted Interventions
  - 1.8.1. Main Indications of Animal-Assisted Interventions
  - 1.8.2. main contraindications of Animal-Assisted Interventions
- 1.9. Safety and preventive measures in the field of Animal Assisted Interventions
  - 1.9.1. Prevention and safety when working with horses
  - 1.9.2. Prevention and safety when working with Dogs
  - 1.9.3. Prevention and safety when working with Marine Mammals
- 1.10. Ethics and Good Practice in Animal Assisted Interventions
  - 1.10.1. Considerations regarding the animal as a co-therapist
  - 1.10.2. AAI User Considerations
  - 1.10.3. Considerations regarding the therapist or technical team
  - 1.10.4. Considerations related to the institution or work center

#### Module 2. Areas of Intervention within Animal Assisted Interventions (AAI)

- 2.1. Functional Diversity
  - 2.1.1. Definition and Concept
- 2.2. Physical and sensory functional diversity
  - 2.2.1. Physical motor functional diversity
  - 2.2.2. Definition
  - 2.2.3. Types of Functional Physical Diversity
    - 2.2.3.1. Cerebral Palsy
    - 2.2.3.2. Acquired Brain Injury
    - 2.2.3.3. Multiple Sclerosis
    - 2.2.3.4. Spina Bifida

- 2.2.4. sensory functional diversity
  - 2.2.4.1. Definition
  - 2.2.4.2. Types of Functional Sensory Diversity
  - 2.2.4.3. Visual Impairment
  - 2.2.4.4. Hearing Impairment
  - 2.2.4.5. Deafblindness
  - 2.2.4.6. Sensory Processing Disorders
- 2.3. Neurodevelopment Disorders
  - 2.3.1. Definition
  - 2.3.2. Classification
    - 2.3.2.1. Intellectual Functional Diversity
    - 2.3.2.2. Autism Spectrum Disorder
    - 2.3.2.3. Attention Deficit and Hyperactivity Disorder
    - 2.3.2.4. Specific Learning Disorders
    - 2.3.2.5. Communication Disorders
- 2.4. Health and Mental Illness
  - 2.4.1. Mental health: definition and concept
  - 2.4.2. Stress and mental health
  - 2.4.3. Mental Disorders
- 2.5. Persons and Groups at Risk of Social Exclusion
  - 2.5.1. Conceptual Delimitation
  - 2.5.2. Groups at Risk of Social Exclusion
  - 2.5.3. Types of Interventions to Reduce the Risk of Social Exclusion
- 2.6. Geriatrics
  - 2.6.1. Definition
  - 2.6.2. Geriatrics and Gerontology
  - 2.6.3. Diseases associated with old age
- 2.7. Early Care
  - 2.7.1. Definition and Concept
  - 2.7.2. Importance of early stimulation
  - 2.7.3. Warning signs from 0 to 6 years old

## tech 18 | Structure and Content

3.4.3. Intervention

2.8.	Socio-educational area			
2.9.	Person	al growth and Team Building processes		
	2.9.1.	Definition and Concept		
	2.9.2.	Personal Training		
	2.9.3.	Professional Training		
	2.9.4.	Team building and social skills		
	2.9.5.	Team building and companies		
2.10.	Animal	s. at Risk of Social Exclusion		
	2.10.1.	Animal rescued at the IAA		
	2.10.2.	Bi-directional projects in the AARs		
Mod	lule 3. A	AnimalsAssisted Therapies and Interventions: The basics of		
speech Approach				
3.1.	Speech	Therapy		
	3.1.1.	Definition and Concept		
3.2.	Commi	unication and Language		
	3.2.1.	Introduction		
	3.2.2.	Types of Communication		
	3.2.3.	Communicative Skills		
	3.2.4.	Communication Systems		
		3.2.4.1. Augmented Communication Systems		
		3.2.4.2. Communication Systems		
3.3.	Main areas of speech therapist intervention			
	3.3.1.	Communication problems		
	3.3.2.	Language Impairment		
	3.3.3.	Speech disturbances		
	3.3.4.	Security disturbances		
	3.3.5.	Swallowing Disorders		
3.4.	Horses Field	-Assisted Therapies and Interventions: The basics Speech-Language Pathology		
	3.4.1.	Introduction		
	3.4.2.	Method		

3.5.	Areas o	f Performance in Horses Assisted Interventions (AAI)	
	3.5.1.	Cerebral Palsy	
	3.5.2.	Acquired Brain Injury	
	3.5.3.	Intellectual Functional Diversity	
	3.5.4.	Autism Spectrum Disorder	
	3.5.5.	Specific Language Disorder	
	3.5.6.	Learning Disorders	
3.6.	Neurological Bases of intervention through Horses Assisted Interventions (AAI)		
	3.6.1.	Conceptual Delimitation	
	3.6.2.	Impact of movement on nervous system regulation and learning possibilities	
3.7.	${\tt DogsAssisted\ The rapies\ and\ Interventions:\ The\ basics\ Speech-Language\ Pathology\ Field}$		
	3.7.1.	Introduction	
	3.7.2.	Method	
	3.7.3.	Intervention	
3.8.	Areas of Performance in Dogs. Assisted Therapies and Interventions (AAI)		
	3.8.1.	Learning Disorders	
	3.8.2.	Autism Spectrum Disorder	
	3.8.3.	Specific Language Disorder	
	3.8.4.	Intellectual Functional Diversity	
	3.8.5.	Alzheimer's Disease and Other Neurodegenerative Dementias:	
3.9.	intervention Speech within Areas in Animal-Assisted Interventions (AAI)		
	3.9.1.	Semi-Structured Interview	
	3.9.2.	Assessment	
	3.9.3.	Valuation report	
		Completion of treatment	
		Final Report	
3.10.		benefits and indications	
	3.10.1.	Psychosocial and communicative benefits	
	3.10.2.	Specific Indicators	

## **Module 4.** Selection, Education, Training and Training of the Animal as a Co-Therapist

- 4.1. Main traits of the animal as a Cotherapist
  - 4.1.1. Anatomy. Morphological
  - 4.1.2. Character
  - 4.1.3. Temperament
- 4.2. Selection in Animal-Assisted Interventions (AAI)
  - 4.2.1. Breeding and selection
  - 4.2.2. Protector dog
  - 4.2.3. Selection test
    - 4.2.3.1. Campbell's Test
    - 4.2.3.2. Frisby Test
- 4.3. Selection in Animal-Assisted Interventions (AAI)
  - 4.3.1. Anatomy
  - 4.3.2. Morphological
  - 433 Biomechanics
  - 4.3.4. Character
  - 4.3.5. Temperament
- 4.4. Selection in Animal-Assisted Interventions (AAI)
  - 4.4.1. Anatomy
  - 4.4.2. Morphological
  - 4.4.3. Character
  - 4.4.4. Temperament
  - 4.4.5. Learning Theories
- 4.5. Genetic Theories
  - 4.5.1. Behaviorist Theory
  - 4.5.2. Cognitive-emotional theory
  - 4.5.3. Constructivist Theory
- 4.6. Education
  - 4.6.1. Socialization
  - 4.6.2. Socialization

- 4.7. Training
  - 4.7.1. Propedeutics
  - 4.7.2. Basic communication
  - 4.7.3. Chaining
  - 4.7.4. Reinforcers
  - 4.7.5. Education
    - 4.7.5.1. Proprioception and vestibular system
    - 4.7.5.2. Aerobic and anaerobic endurance
    - 4.7.5.3. Consolidation of learning
  - 4.7.6. Work Material
- 4.8. Working material in Dog-Assisted Therapy (DAT)
- 4.9. Working material in Horses-Assisted Therapy (DAT)
  - 4.9.1. Working material in Dog-Assisted Therapy (DAT)
  - 4.9.2. Elaboration of the workbook
- 4.10. Anamnesis or initial interview
  - 4.10.1. Setting Objectives
  - 4.10.2. Methodology Selection
  - 4.10.3. Management of Space and Time
  - 4.10.4. Assessment



Study this University Expert and obtain the most updated didactic resources of the educational panorama in Animal Assisted Speech Therapy Intervention"





## tech 22 | Methodology

#### At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program, students will face multiple simulated clinical cases, based on real patients, in which they will have to do research, establish hypotheses, and ultimately resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in the physician's professional practice.



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:

- Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that evaluate 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.





### Relearning Methodology

At TECH we enhance the case method with the best 100% online teaching methodology available: Relearning.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

Professionals will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.



### Methodology | 25 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).

With this methodology, more than 250,000 physicians have been trained with unprecedented success in all clinical specialties regardless of surgical load. Our pedagogical methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

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 TECH's learning system is 8.01, according to the highest international standards.

## tech 26 | Methodology

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



#### **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.

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.



#### **Surgical Techniques and Procedures on Video**

TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current medical techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch the videos as many times as you like.



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





#### **Additional Reading**

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.

### **Expert-Led Case Studies and Case Analysis**

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



#### **Testing & Retesting**

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



#### Classes

There is scientific evidence on the usefulness of learning by observing experts.

The system known as 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.









## tech 30 | Certificate

This **Postgraduate Diploma in Animal Assisted Speech Therapy Intervention** contains the most complete and up-to-date scientific on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Diploma** issued by **TECH Technological University** via tracked delivery\*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Diploma, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: Postgraduate Diploma in Animal Assisted Speech Therapy Intervention

Official No of Hours: 600 h.



<sup>\*</sup>Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning



## Postgraduate Diploma Animal Assisted Speech Therapy Intervention

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

