



Postgraduate Diploma Psychology of Learning in Animal-Assisted Therapies

» Modality: online

» Duration: 6 months

» Certificate: TECH Technological University

» Dedication: 16h/week

» Schedule: at your own pace

» Exams: online

We bsite: www.techtitute.com/in/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-psychology-learning-animal-assisted-therapies

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tech 06 | Introduction

The study of behavior is one of the main human interests since the beginning of their relationship with the world. In Animal-Assisted Therapies, learning takes center stage to facilitate adaptation processes demanded by the environment in which organisms gradually develop during their life cycle, and which provides them with the tools to build relationships with every surrounding element (objects, animals, people, etc.), as well as to understand how to act in different situations and scenarios.

This specialization program in the Psychology of Learning, veterinarians will be able to develop a structured methodology in Animal-Assisted Interventions adjusted to each user (patient or learner) with clear and achievable objectives. It addresses the functional diversities or pathologies that users may present and determines the therapeutic or educational approach required for each one based on arguments and scientific evidence in selecting the type of intervention to be applied.

Students will develop transversal competences at a theoretical and practical level, specifically in the therapy conducted with different types of patients and in the handling of the most common animals used in AAI.

Likewise, they will have the ability to develop Assisted Therapy methodologies based on specific patient objectives or a systematic methodology that guarantees learning.

This Postgraduate Diploma addresses the fundamental differences between Animal-Assisted Interventions (AAI) or Animal Assisted-Therapies (AAT) as opposed to Animal-Assisted Activities (AAA) in professional practice.

Likewise, it delves deep into the solid bases upon which to argue and justify the responsible use of some animals for Assisted Interventions without affecting the well being of all those involved in the activity.

This **Postgraduate Diploma in Psychology of Learning in Animal-Assisted Therapies** contains the most complete and up to date educational program on the market. The most important features of the program include:

- Practical cases presented by experts in Animal-Assisted Therapies
- The graphic, schematic, and eminently practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional practice
- Breakthroughs in Animal-Assisted Therapies
- Practical exercises where self assessment can be used to improve learning
- Special emphasis on innovative methodologies in Animal-Assisted Therapies
- 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





The Postgraduate Diploma designed by TECH is undoubtedly the best option if you want to specialize in Animal-Assisted Therapies in the field of Psychology with greater quarantees of success"

The program's teaching staff includes professionals in the sector who contribute their work experience to this training course, 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 immersive training programmed to train in real situations.

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

This Postgraduate Diploma has the best didactic material, which will enable a contextual study that will facilitate your learning.

As it is a 100% online updating program, you will be able to balance your studies with your professional work while increasing your knowledge of the field.







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General Objectives

- Analyze the holistic change people undergo through Animal-Assisted Therapies (AAT)
- Determine the need for a multidisciplinary team in Animal-Assisted Interventions (IAA9)
- Develop the legal framework to create an AAI entity
- Demonstrate through scientific theories and research how some animals have the phylogenetic and ontogenetic capacity to generate affiliative behaviors in humans until they develop a stable bond
- Analyze the importance given to the life of the species they work with from the conception of the well being generated and the responsible ethics that commits them
- Identify the importance of positive interaction between animals and people, recognizing the role that each one plays and the balanced formation of the animal guide binomial
- Justify the decision to choose a particular species in an Assisted Intervention Program as opposed to other types of methods that do not include animals
- Develop learning processes
- Examine the theoretical and practical bases of learning
- · Review the main mechanisms involved in a change in learning
- Present the current status and future outlook of learning studies





Module 1. Animal-Assisted Therapies

- Determine the differences between AAI, AAA, and PAR
- Analyze the past of Animal-Assisted Therapies to develop future research
- Establish Animal-Assisted *Coaching* and psychotherapy as an important part of Animal-Assisted Therapies
- Examine relevant legislation to establish an AAI entity
- Learn how to prevent and respond to accidents

Module 2. Fundamentals of Anthrozoology

- · Compile the different theories of how, when and why some animals were domesticated
- Demonstrate through Evidence Based Science how the cognitive abilities of certain animals are generated
- Determine the importance of providing quality of life and well being to the animals involved
- Evaluate the different ideological positions on the ethical treatment of animals, their rights and the duties we have towards them
- Establish the impact that humans have when manipulating wild species and the resulting degradation of their natural environments
- Examine the role that companion animals and, in particular, Assisted Intervention animals can play in different population groups
- Address the emotional aspects of the death of a companion animal for the family environment

Module 3. Psychology of Learning

- Develop the main paradigms in learning processes
- · Determine behavior as the main axis of learning
- Analyze the concepts of reinforcement and punishment
- Examine the main reinforcement programs
- Understand the importance of forgetting as a learning process
- Explore the neurobiological basis of learning
- Distinguish the importance of cognition in the learning process





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Management



Mr. Alarcón Rodríguez, Óscar Fabián

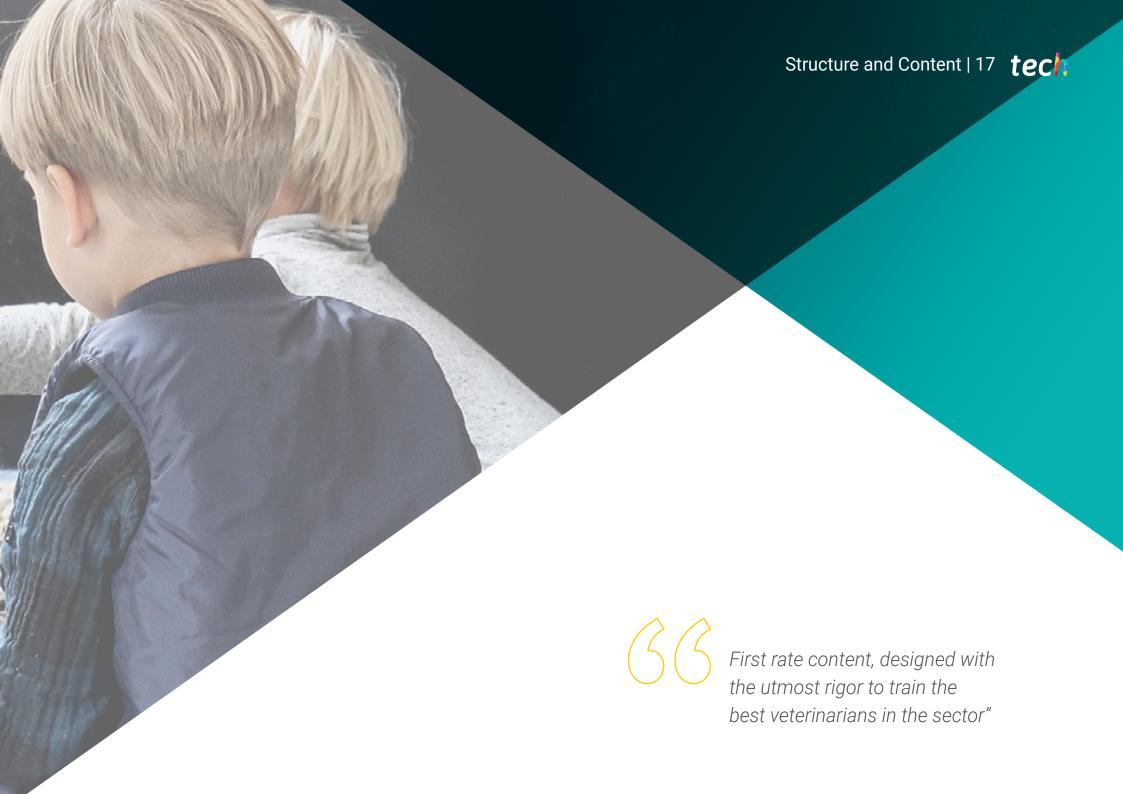
- Veterinary ethologist in charge of consultations within the specialty, and dog selection evaluator for Assisted Interventions
 Red Cross Canine Center
- Training and veterinary care for day care dogs Canino Gopet Center
- Care and management of horses and birds of prey Served as support in animal interventions for people with functional diversities Teanima Association
- Care, training and management of the zoo's birds of prey Weltvogelpark
- Planning and execution of Canine and Equine Assisted Therapies Colombian Center for Neurosensory Stimulation (CECOEN)
- Master's Degree in Animal-Assisted Intervention and Applied Ethology Autonomous University of Madrid
- Diploma in Clinical Ethology Center for Veterinary Medical Specialties (CEMV) 2015 2017 Buenos Aires, Argentina
- Veterinarian and Zootechnician. San Martín University Foundation 2001 2006 Bogotá, Colombia
- T.A.C. Norte Canine-Assisted Intervention Specialty Course Trainings
- Red Cross Canine Center Courses in canine training and Canine-Assisted Intervention AMKA Dog Day Care Center Courses
 in Ethology and Canine Training



Ms. Fernández Puyot, Marisol

- Animal-Assisted Therapy Coordinator
- Therapy Session Coordinator; around 120 monthly therapies with dogs, horses, birds of prey and small mammals
- Leads a multidisciplinary team of nine made up of psychologists, physiotherapists, animal-assisted therapy technicians, equestrian guides, trainers, stable hands, etc.
- Collaborator and volunteer at the PE&CO Association
- Founder and creator of the Teanima Association
- Animal-Assisted Therapy, Complutense University of Madrid
- Trainee Instructor at Teanima Association for graduates in TAFAD and TECO from different institutes of the Community
 of Madrid and for graduates in Sociology and Pedagogy from the Complutense University of Madrid





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Module 1. Animal-Assisted Therapies

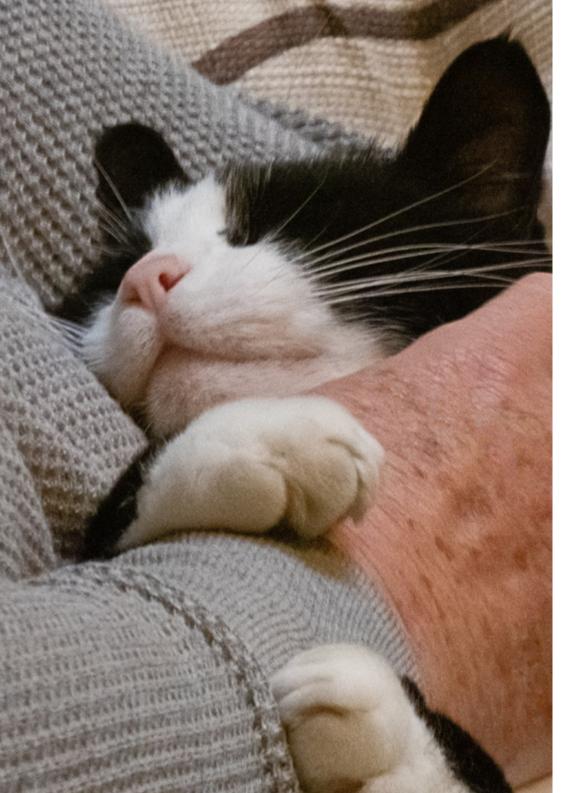
- 1.1. Animal-Assisted Therapies
 - 1.1.1. Animal-Assisted Interventions (AAI), Animal-Assisted Therapies (AAT), Animal-Assisted Education (AAE), Animal-Resident Program (ARP)
 - 1.1.2. Animal-Assisted Activity (AAA)
 - 1.1.3. User Terminology
 - 1.1.4. Co-Therapist Animals
 - 1.1.5. Research
- 1.2. Multidisciplinary Team
 - 1.2.1. Occupational Therapists
 - 1.2.2. Psychologist
 - 1.2.3. Pedagogue
 - 1.2.4. Physiotherapist
 - 1.2.5. Technical Trainer, Equestrian Guide
- 1.3. History of Animal-Assisted Interventions
 - 1.3.1. Chronology
 - 1.3.2. Using AAT
 - 1.3.3. Future Prospects
- 1.4. Animal-Assisted Coaching
 - 1.4.1. Differences between Coaching and Psychotherapy
 - 1.4.2. Animals for Coaching
 - 1.4.3. Equine-Assisted Coaching Objectives
 - 1.4.4. Avian-Assisted Coaching Objectives
- 1.5. Legislation
 - 1.5.1. The Need for Regulation in AAT
 - 1.5.2. The Need for Certified Training
 - 1.5.3. Legislation in Europe
 - 1.5.4. Legislation in American

- 1.6. Creating an AAI Entity
 - 1.6.1. Legal Form
 - 1.6.2. Recruiting Multidisciplinary Teams and Customers
 - 1.6.3. Customer Loyalty
 - 1.6.4. Facilities and Head Office
- 1.7. Volunteer and Internship Programs
 - 1.7.1. Volunteer Contracts / Agreements with Universities
 - 1.7.2. Volunteer Loyalty
 - 1.7.3. Training
 - 1.7.4. Insurance
- 1.8. Occupational Hazard Prevention
 - 1.8.1. Work Clothes
 - 1.8.2. Information Signs
 - 1.8.3. Covid Protocol
 - 1.8.4. Fire Extinguishers
 - 1.8.5. First Aid
- 1.9. Licenses and Permits
 - 1.9.1. Livestock Farming Registry (REGA in Spanish), Zoological Nucleus
 - 1.9.2. Data Protection Law
 - 1.9.3. Socio-Health Licenses
 - 1.9.4. Federal Licenses
- 1.10. Animal-Assisted Therapy Regulations
 - 1.10.1. Civil and Criminal Liability
 - 1.10.2. Animal Abuse
 - 1.10.3. Animal Well-being during Transport
 - 1.10.4. Veterinary Inspection
 - 1.10.5. Carcass Processing





- 2.1. Domestication Process
 - 2.1.1. Theories on Domestication
 - 2.1.2. Scientific Data on Domestication
 - 2.1.3. The Importance of Domestication
- 2.2. Cognitive Ethology
 - 2.2.1. Memory
 - 2.2.2. Spacial Cognition
 - 2.2.3. Categorization
 - 2.2.4. Interspecies Communication Processes
 - 2.2.5. State of Consciousness
 - 2.2.6. Quantity Ratio
 - 2.2.7. Tool Use
- 2.3. Developing Bonds with Animals
 - 2.3.1. Attachment Theory
 - 2.3.2. Behavioral Synchronization
 - 2.3.3. Empathic Feeling
- 2.4. Animal Welfare
 - 2.4.1. The Five Animal Freedoms
 - 2.4.2. The Five Domains of Animal Well-Being
 - 2.4.3. Environmental Enrichment
 - 2.4.4. Animal Well-Being Measurement Methods
 - 2.4.5. The "One Health, One Well-Being" Concept
- 2.5. Animal Bioethics
 - 2.5.1. Main Positions on Bioethics
 - 2.5.2. Animal Use in AAI: Justification
 - 2.5.3. Animals as Abuse Victims
- 2.6. Responsible Ownership
 - 2.6.1. Acquisition and Commitments in Companion Animal Interventions
 - 2.6.2. Owner Civil Rights and Duties in Animals Used in Interventions
 - 2.6.3. Responsible Breeding
 - 2.6.4. Work Dogs
 - 2.6.5. Multispecies Homes



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2.7.	Human Impact on Ecological Systems					
	2.7.1.	Species Trafficking				
	2.7.2.	Species Conservation				
	2.7.3.	Risks of Losing Animals in Captivity				
	2.7.4.	Petification				
2.8.	The Role of Companion Animals for Children					
	2.8.1.	Accompaniment in Child-Animal Interactions				
	2.8.2.	Animals as Facilitators in Child Learning				
	2.8.3.	Using Animals in Children Educational Centers				
2.9.	The Role of Companion Animals in Older Adults					
	2.9.1.	Loneliness in Older Adults				
	2.9.2.	Accompaniment in Older Adult-Animal Interactions				
	2.9.3.	Animals as Physical and Mental Exercise Support for Older Adults				
	2.9.4.	Using Animals in Geriatric Centers				
2.10.	Grief at the Loss of a Companion Animal					
	2.10.1.	Veterinary Thanatology				
	2.10.2.	Euthanasia, Orthothanasia and Dystanasia				
	2.10.3.	Guided Emotional Support				
Mod	ule 3. P	sychology of Learning				
3.1.	Psychology of Learning					
0	3.1.1.					
	3.1.2.	What Makes Us Intelligent? The Importance of Comparative Studies				
	0	between Animals and Humans				
		3.1.2.1. Animal Models: Types and Reasons for Use				
		3.1.2.2. Assessment and Measurement Paradigms				
	3.1.3.	Learning and Cognition: Commonalities and Distinctions				
3.2.	Behavior as a Learning Axis					
	3.2.1.	The Nature of Reflexes				
	3.2.2.	Habituation vs. Sensitization				
		3.2.2.1. Dual Process Theory				
	3.2.3.	Emotions: Dual Process Theory				

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3.3.						
	3.3.1.					
		3.3.1.1.	Excitatory Conditioning			
		3.3.1.2.	Inhibitory Conditioning			
	3.3.2.	Mechanisms of action				
		3.3.2.1.	Intensity, Salience, Relevance, and Pertinenc			
		3.3.2.2.	Biological Forcing Theory			
		3.3.2.3.	Stimulus Substitution Model			
		3.3.2.4.	Blocking Effect			
		3.3.2.5.	Rescorla and Wagner: Model and Application			
3.4.	Operant Conditioning: The Instrumentalization of Behavior					
	3.4.1.	Instrumental Procedure				
		3.4.1.1.	Reinforcement			
		3.4.1.2.	Punishment			
		3.4.1.3.	Stimulus and Response			
		3.4.1.4.	Contingency			
	3.4.2.	Motivational Mechanisms				
		3.4.2.1.	Association and Law of Effect			
		3.4.2.2.	Reward and Expectations			
		3.4.2.3.	Behavioral Regulation			
	3.4.3.	Skinner's C	ontributions to Learning and Behavioral Studies			
3.5.						
	3.5.1.	Discrimination and Differential Response				
	3.5.2.	Generalization and Gradients				
	3.5.3.	Stimulus C	ontrol			
		3.5.3.1.	Sensory Capacity and Stimulus Orientation			
		3.5.3.2.				
		3.5.3.3.	'			

Structure and Content | 21 tech

5.	Respira	ory Muscles in Operant Conditioning				
	3.6.1.	Reward Training				
		3.6.1.1.	Simple			
		3.6.1.1.1		Fixed Ratio		
		3.6.1.1.2		Variable Ratio		
		3.6.1.1.3		Fixed Interval		
		3.5.1.1.4.		Variable Interval		
		3.6.1.2.	Complex	(
		3.6.1.3.	Concurre	ent		
	3.6.2.	Punishment Training				
	3.6.3.	Escape and Avoidance Training				
	3.6.4.	Omission (Punishment) Training				
7. Learning to Unlearn: Extinction						
	3.7.1.	Effects of Extinction Procedures				
		3.7.1.1.	Spontan	eous Recovery		
		3.7.1.2.	Renovat	on		
		3.7.1.3.	Restorat	ion and Reinstallation		
	3.7.2.	Inhibitory Associations and Paradoxical Effects				
	3.7.3.	Impact of Partial Reinforcement				
	3.7.4.	Resistance to Change				
3.	The Role of Cognition in Learning					
	3.8.1.	Memory Paradigms and Mechanisms				
		3.8.1.1.	Working	Memory		
		3.8.1.2.	Reference	e Memory		
		3.8.1.3.	Spatial N	Memory		
		3.8.1.4.	Acquisiti	on and Encoding		
		3.8.1.5.	Retentio	n and Retrieval		
	3.8.2.	Forgetfulness				
		3.8.2.1.	Proactive	e Interference		
		3.8.2.2.	Retroact	ive Interference		
		3.8.2.3.	Retrogra	de Amnesia		

3.8.3. Cognition Learning Categorization

3.

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3.

- 3.9. Neuroscience Foundations in Learning
 - 3.9.1. Sensitive Periods
 - 3.9.2. The Brain and the Areas Responsible for Learning
 - 3.9.3. The Role of Executive Functions
 - 3.9.3.1. Inhibitory Control
 - 3.9.3.2. Working Memory
 - 3.9.4. Neuronal Plasticity and Cognitive Flexibility
 - 3.9.5. The Role of Emotions
- 3.10. Current State of Research on Learning and Future Perspectives
 - 3.10.1. The Impact of Learning on the Development of Psychological and Behavioral Problems in Humans and Animals
 - 3.10.2. Paradigms of Learning and Behavior vs. Medical and Pharmacological Models
 - 3.10.3. The Study of Learning and Its Applications in Therapeutic and Care Settings





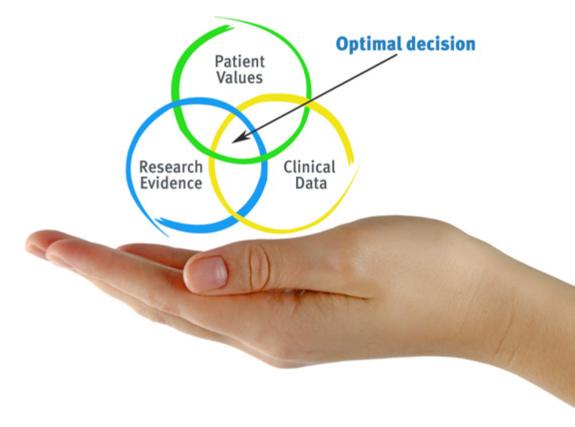


tech 24 | Methodology

At TECH we use the Case Method

What should a professional do in a given situation? Throughout the program you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, 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, in an attempt to recreate the actual conditions in a veterinarian'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:

- 1. Veterinarians who follow this method not only manage to assimilate concepts, but also develop their mental capacity through exercises to evaluate real situations and knowledge application
- 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.** The feeling that the effort invested is effective becomes a very important motivation for veterinarians, which translates into a greater interest in learning and an increase in the 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.

Veterinarians 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 | 27 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 65,000 veterinarians have been trained with unprecedented success in all clinical specialties, regardless of the surgical load. Our teaching method is developed in a highly demanding environment, where the students have a high 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 training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for 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.

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.



Latest Techniques and Procedures on Video

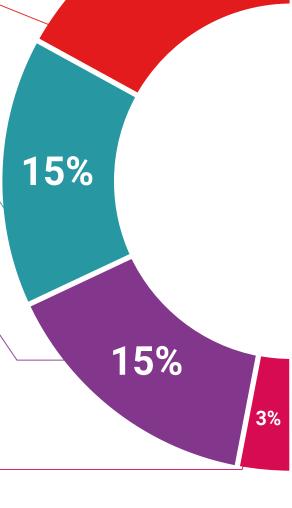
TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current and procedures of veterinary techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch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



Effective learning ought to be contextual. Therefore, TECH presents real cases in which

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.





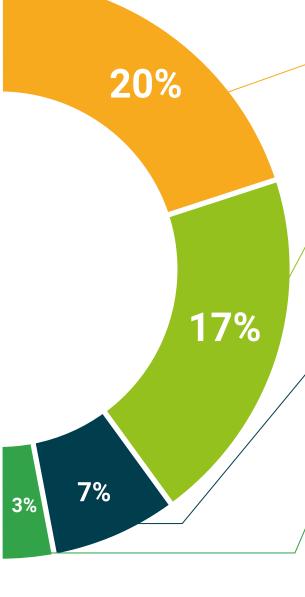
There is scientific evidence suggesting that observing third-party experts can be useful.

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.







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This **Postgraduate Diploma in Psychology of Learning in Animal-Assisted Therapies** contains the most complete and up to date program 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 certificate 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 from career evaluation committees.

Title: Postgraduate Diploma in Psychology of Learning in Animal-Assisted Therapies

Official No of hours: 450 h.



For having passed and accredited the following program

POSTGRADUATE DIPLOMA

in

Psychology of Learning in Animal-Assisted Therapies

This is a qualification awarded by this University, equivalent to 450 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro

nis qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each o

ue TECH Code: AFWORD23S techtitute.com/certifi

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

technological university



Postgraduate Diploma Psychology of Learning in Animal-Assisted Therapies

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