Postgraduate Diploma
Canine, Equine, Avian and Non-Conventional Animal-Assisted Interventions

tech technological university

Postgraduate Diploma
Canine, Equine, Avian and Non-Conventional Animal-Assisted Interventions

Course Modality: **Online**

Duration: **6 months**

Certificate: **TECH Technological University**

Official Nº of hours: **600 h.**

Website: **www.techtitute.com/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-canine-equine-avian-non-conventional-animal-assisted-interventions**

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01
Introduction

Animal-assisted therapies are on the rise given their ability to help people with different pathologies in their healing process. With this intensive program, veterinary professionals will be able to develop a stable bond with the animals used in these therapies through training that respects the nature of the species and working on the different dynamics to gain their trust without negatively affecting the animal's well-being. Veterinarians will be able to develop a structured methodology for Non-Conventional Animal-Assisted Interventions, adjusted to each user (patient or trainee) and marked by clear and achievable objectives.

tech

Don't miss this great opportunity and update your knowledge on everything related to Animal-Assisted Interventions and their use in occupational therapy"

Today, the multiple physical, social and mental benefits of interacting with animals in controlled environments are indisputable. In fact, such benefits were already present in therapeutic contexts long before documented scientific evidence was made widely available.

This academic program will focus on gathering and understanding the different lines of intervention used in the area of Animal-Assisted Therapies and Interventions. To this end, this program offers specialized knowledge to adequately form a bond with animals, specifically with dogs, which often trained for these purposes, while respecting their nature and understanding their way of learning.

This specialization also addresses the set of techniques and exercises necessary to intervene as therapists at a psychomotor level, using horses as co-therapists in such a way so as to work on a physical, emotional, sensory, cognitive and social level.

At the same time, this training utilizes an alternative methodology for using birds in captivity to generate benefits both in humans and in the birds themselves, not without first understanding their characteristics as a species that mostly thrives in a natural environment.

Finally, the program offers specialized knowledge about non-conventional animals that regularly participate in Assisted Interventions, characteristics and recommendations in terms of their care, work methodologies with respect to both birds and users, pathologies for which these animals are suited and the basic parameters that ensure their well-being.

All of which leads to veterinary professionals obtaining better results through the work and intervention programs they developed.

The **Postgraduate Diploma in Canine, Equine, Avian and Non-Conventional Animal-Assisted Intervention** 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

"

This Postgraduate Diploma is the opportunity you were waiting for to take your career to the next level and become a prestigious veterinarian"

A high-level program, especially designed to update student knowledge in a comfortable and effective way"

You will have at your disposal the best didactic material, which will provide you with a contextual study to facilitate your learning.

As this is a 100% online academic program, you will be able to balance your studies with your professional work.

The teaching staff is made up of professionals in the field who bring to this program the experience of their work, in addition to recognized specialists from prestigious reference societies and 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.

02
Objectives

The objective of this academic program is to help veterinarians understand the significance of the desired results that Animal-Assisted Therapies provide people with social and behavioral problems. Thus, after completing this Postgraduate Diploma, professionals will be fully capable of designing and implementing this type of interventions, offering optimal conditions for both the animals and the users participating in the therapy. This will not only increase their professional skills, but will also turn them into first level practitioners.

Your goals and ours at TECH become one and the same with this academic program"

General Objectives

- Analyze the natural behaviors of the canine species in order to convert them into capacities and potentialities in the use of Assisted Interventions

- Make an objective assessment of the characteristics and minimum requirements that an Assisted Intervention dog must have in terms of its behavioral development

- Generate skills and management tools in guide animal through the understanding of canine learning to facilitate the development of a working session

- Identify the minimum care dogs require and the problems that may arise in a working session

- Develop specialized knowledge of horse ethology

- Choose the right horse for the interventions

- Compile techniques to work with horses

- Determine the importance of horse care

- Analyze the natural behaviors of the different avian species in order to convert them into capacities and potentialities in the use of Assisted Interventions

- Make an objective assessment of the characteristics and minimum requirements that an Assisted Intervention dog must have in terms of its behavioral development

- Generate skills and management tools in guide animal through the understanding of avian learning to facilitate the development of a working session

- Identify the minimum care birds require and the problems that may arise in a working session

- Determine which are the unconventional animals in Assisted Interventions

- Analyze their basic behavior and biology

- Develop the most recommended training and work techniques

- Evaluate the most notable problems for their involvement

Specific Objectives

Module 1. Canine-Assisted Interventions

- Examine the development of the natural behaviors of dogs, both instinctive and acquired, and the influence of human behavior in each of them
- Conduct a detailed evaluation of the positive behaviors in the dog to be incorporated into an Assisted Intervention Program, as well as the behaviors that could generate problems in the learning process
- Adequately interpret the results of behavioral selection tests performed on the dogs to be included in the Assisted Intervention Program
- Generate a training protocol according to the qualities of the dog and the work objectives in each session
- Propose methodological alternatives in the intervention sessions based on the objectives previously set for each user
- Routinely assess the health status of intervention dogs, identifying red flags or signs of discomfort for timely veterinary action and care
- Identify behavioral problems that develop in intervention dogs before, during, and after sessions with users

Module 2. Equine-Assisted Interventions

- Analyze the horse's behavior
- Determine the role of the horse in therapy
- Examine the profile of horses suitable for therapy
- Develop an appropriate method of horse care
- Compile the necessary material for each intervention
- Specify the activities and techniques for the intervention
- Analyze the different pathologies and the choice of horse according to patient characteristics

Module 3. Avian-Assisted Interventions

- Identify the physical and behavioral aspects within the nature of the different species of birds used in Assisted Interventions
- Examine the uses given to birds throughout history
- Establish the main characteristics that a bird must have in order to provide a service in interventions
- Identify the different management tools for training and activities with intervention birds
- Evaluate the optimal adaptation of bird handling facilities to ensure the maximum possible well-being
- Develop the preparation methodology for a bird while observing the objectives sought in Assisted Intervention sessions
- Determine the health status of intervention birds, identifying red flags or signs of discomfort for timely veterinary action and care
- Identify behavioral problems that develop in intervention birds before, during, and after sessions with users

Module 4. Non-Conventional Animal-Assisted Interventions

- Determine the intervention scenarios with unconventional animals
- Delimit the field of intervention for each species of animal
- Explore relevant training strategies
- Evaluate the mechanisms of such interventions
- Promote awareness of the responsible use of these animals in AAIs
- Educate on the importance of ensuring animal well-being
- Propose future perspectives in the field of intervention and animal well-being

03
Course Management

The teaching staff for this Postgraduate Diploma in Canine, Equine, Avian and Non-Conventional Animal-Assisted Intervention is made up of a group of experts from different areas related to Animal-Assisted Intervention. Students will have the experience and prestige of professionals in the veterinary field, who will help them better understand the work in Animal-Assisted Interventions focused on users with social, behavioral or psychological problems, with a better grasp of the conditions and characteristics that lead to these interventions having a higher success rate.

An exceptional teaching staff, for an exceptional professional: You"

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

Professors

Ms. Castillo Silviela De La Viesca, Irena

- Sports Technician, specializing in Animal-Assisted Therapy Teanima Association
- Sport Technician at El Viejo Roble Equestrian Club
- Equine therapy course at El Jaral Equestrian Club
- Training days, coaching with horses and birds at Teanima Association (Assisted Therapy with birds and horses)
- Practice tutor and sports technician at Teanima Association (Assisted Therapy with birds and horses)
- Coaching and Assisted Therapy with horses, birds and small mammals

04
Structure and Content

The syllabus and contents for this academic program have been designed by a group of professional experts in the field of Animal-Assisted Therapies, with extensive experience and recognized prestige in the profession, backed by the volume of cases they have reviewed, studied and diagnosed, and who possess extensive knowledge of new technologies applied to veterinary medicine. This assures students that, upon completing the program, they will be fully qualified to work in Animal-Assisted Interventions from a multidisciplinary approach that favors both humans and animals.

"

The largest content bank in the sector, condensed into an academic program that lasts just a few months"

Module 1. Canine-Assisted Interventions

1.1.   Canine Ethology
    1.1.1.   Behavioral Genetics
    1.1.2.   Behavioral Developmental Processes in Puppies
    1.1.3.   Canine Communication
    1.1.4.   Intraspecies and Interspecies Hierarchies
    1.1.5.   Hormonal Influence on the Development of Canine Behaviors
    1.1.6.   Play Behavior
1.2.   Canine Intelligence
    1.2.1.   Understanding Human Language
    1.2.2.   Problem Solving Skills
    1.2.3.   Studies on the Most Intelligent Breeds
1.3.   Dog Characteristics for Assisted Intervention
    1.3.1.   Physical Characteristics
    1.3.2.   Behavioral Characteristics
    1.3.3.   Selectively Bred or Pedigreed Dogs
    1.3.4.   Dogs from Shelters or Pounds
1.4.   Canine Selection Methods for Assisted Interventions
    1.4.1.   Campbell's Test
    1.4.2.   Canine Behavioral Assessment and Research Questionnaire (C-BARQ)
    1.4.3.   The Ecological Test "Ethotest"
    1.4.4.   Other Protocols for Canine Selection
1.5.   Training Techniques
    1.5.1.   Traditional Training
    1.5.2.   Positive Training
    1.5.3.   Shaping
    1.5.4.   Luring
    1.5.5.   Targeting
    1.5.6.   Clicker Use
1.6.   Management Training Techniques
    1.6.1.   Propaedeutics for Learning
    1.6.2.   Attention to Calling
    1.6.3.   Walking Side by Side
    1.6.4.   Standing Orders
    1.6.5.   Muzzle Use
1.7.   Training Techniques by Objectives
    1.7.1.   Grasping, Bringing and Releasing Objects
    1.7.2.   Going to a Place
    1.7.3.   Barking on Command
    1.7.4.   Behavior Imitation
1.8.   Canine Handling during Sessions
    1.8.1.   Canine Handling and Activity Elements
    1.8.2.   Controlled Approach with Users
    1.8.3.   How to End a Session with the Dog?
1.9.   Veterinary Care
    1.9.1.   Preventive Medicine
    1.9.2.   Basic First Aid
    1.9.3.   Genetic Problems of Common Intervention Breeds
    1.9.4.   Nutrition and Diet
1.10.   Detecting Canine Behavior Problems
    1.10.1.   Stress Factors
    1.10.2.   Aggressiveness
    1.10.3.   Fear, Anxiety and Phobia
    1.10.4.   Impulsiveness
    1.10.5.   Senility

Module 2. Equine-Assisted Interventions

2.1.   Ethology
    2.1.1.   History of Equine Ethology
    2.1.2.   Theoretical Ethological Basis
    2.1.3.   Equine Ethology

2.10.   Horse Equipment

    2.10.1.   Equine Therapy: Cinchuelo and Stable Bridle

    2.10.2.   Therapeutic Riding: Saddle and Working Bridle

    2.10.3.   Complementary Equipment according to the Pathology

Module 3. Avian-Assisted Interventions

3.1.   General Ethological Aspects of Birds for Assisted Interventions

    3.1.1.   Falconiformes

    3.1.2.   Strigiformes

    3.1.3.   Psittaciformes

    3.1.4.   Other Species

3.2.   Evidence for Intelligence in Birds

    3.2.1.   Visual and Hearing Acuity

    3.2.2.   Spacial Localization

    3.2.3.   Gregarious Behavior Synchronization

    3.2.4.   Imitating Human Language

    3.2.5.   Problem-Solving Skills

3.3.   History of Human Activities Conducted with Birds

    3.3.1.   Falconry

    3.3.2.   Colombiculture

    3.3.3.   Avian-Assisted Interventions

3.4.   Avian Characteristics for Assisted Intervention

    3.4.1.   Physical Characteristics

    3.4.2.   Behavioral Characteristics

    3.4.3.   Breeding Birds

    3.4.4.   Birds in Recovery Centers

3.5.   Bird Management and Control

    3.5.1.   Glove or Gauntlet

    3.5.2.   Creance

    3.5.3.   Jesses

    3.5.4.   Straps

    3.5.5.   Scales

    3.5.6.   Hood

    3.5.7.   Telemetry Equipment

3.6.   Handling Facilities

    3.6.1.   Enclosures

    3.6.2.   Environmental Enrichment

    3.6.3.   Classrooms for Birds-Assisted Interventions

3.7.   Training Techniques

    3.7.1.   Taming or Habituation

    3.7.2.   Jumps to the Fist

    3.7.3.   Flights with Belay

    3.7.4.   Flights without Belay

3.8.   Daily Preparation Routines

    3.8.1.   Diet Preparation

    3.8.2.   Cleaning of Enclosures

    3.8.3.   Physical Condition and Health Evaluation

    3.8.4.   Landscaping

    3.8.5.   Training

    3.8.6.   Daily Activity Record

3.9.   Veterinary Care

    3.9.1.   Preventive Medicine

    3.9.2.   Most Common Diseases

    3.9.3.   Plumage Maintenance

3.10.   Legal Requirements for Keeping Wild Birds

    3.10.1.   Current Legislation on Keeping Wild Birds

    3.10.2.   Documentation Requirements

    3.10.3.   Associations Regulating or Reporting on the Use of Wild Birds

Module 4. Non-Conventional Animal-Assisted Interventions

4.1.   Unconventional Animals

    4.1.1.   Unconventional Animals

    4.1.2.   Types of Unconventional Animals

        4.1.2.1. Marine Mammals

        4.1.2.2. Farm Animals

        4.1.2.3. Others

Methodology

This academic program offers students 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 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.

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 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.

20%

15%

15%

3%

20%

17%

7%

3%
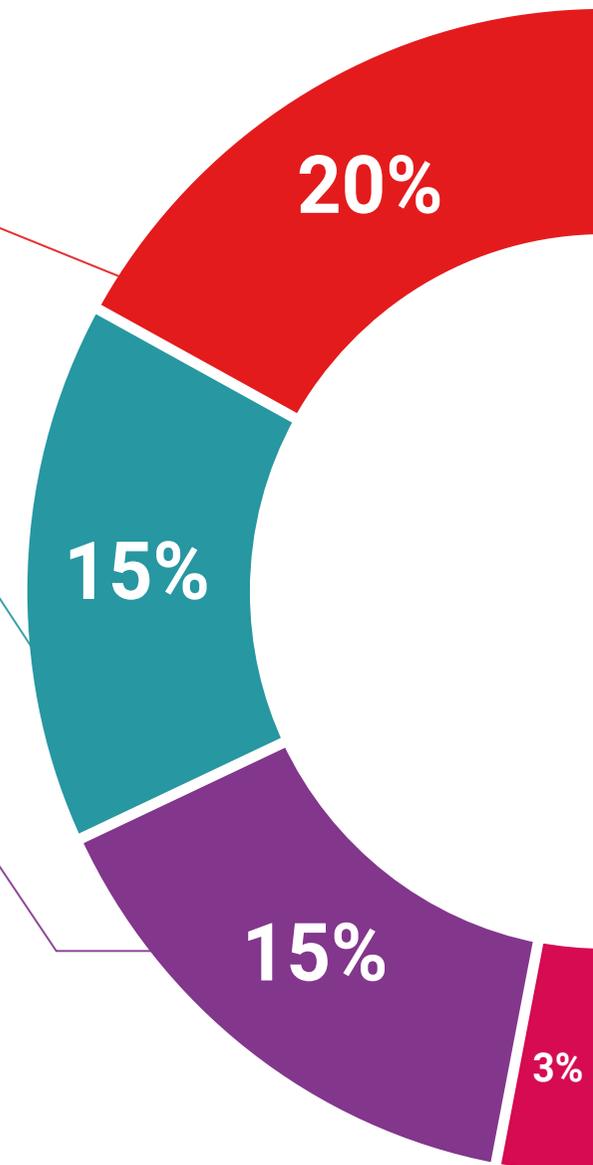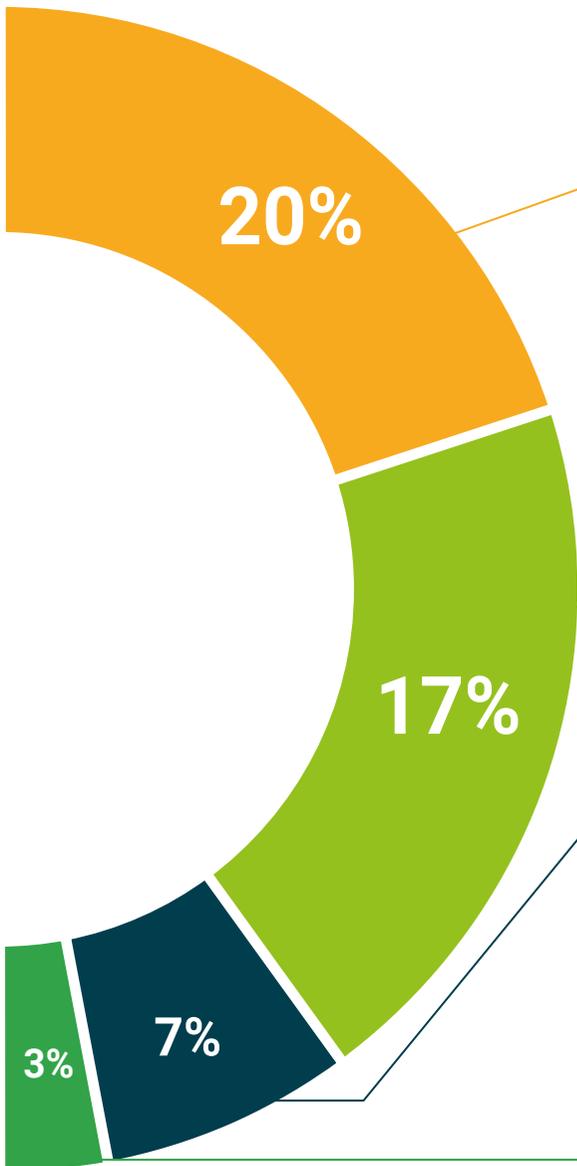
Expert-Led Case Studies and Case Analysis

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 their 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 Canine, Equine, Avian and Non-Conventional Animal-Assisted Interventions guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Diploma issued by TECH Technological University.

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

The **Postgraduate Diploma in Canine, Equine, Avian and Non-Conventional Animal-Assisted Interventions** 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 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 from career evaluation committees.

Title: **Postgraduate Diploma in Canine, Equine, Avian and Non-Conventional Animal-Assisted Interventions**

Official Nº of hours: **600 h.**

tech technological university

Awards the following
DIPLOMA
to
Mr./Ms. _____, with identification number _____.
For having passed and accredited the following program

POSTGRADUATE DIPLOMA
in
Canine, Equine, Avian and Non-Conventional
Animal-Assisted Interventions

This is a qualification awarded by this University, equivalent to 600 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
Dean

This qualification must always be accompanied by the university degree issued by the competent authority to practice professionally in each country.   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 EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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