

Postgraduate Certificate
Feline Rehabilitation.
Hydrotherapy





Postgraduate Certificate Feline Rehabilitation. Hydrotherapy

Course Modality: **Online**

Duration: **6 weeks**

Certificate: **TECH Technological University**

Official N° of hours: **150 h.**

Website: www.techtute.com/us/veterinary-medicine/postgraduate-certificate/feline-rehabilitation-hydrotherapy

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01

Introduction

Hydrotherapy is a highly effective means of healing orthopedic diseases that often affects feline patients (such as osteoarthritis). But the lack of knowledge of this type of treatment and the lack of experience some veterinarians have of how to treat cats make it absolutely necessary for professionals to invest in training. For all these reasons, this very complete TECH program will address and examine the different characteristics that make water an ideal medium when helping feline patients to recover from numerous complaints. In addition, the different therapeutic options offered by the use of the aquatic environment will be investigated and compared during the program.





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The main problem for practitioners is the lack of experience they have in the treatment of feline patients. This Postgraduate Certificate aims to tackle this problem head on”

This Postgraduate Certificate proposed by TECH is focused on rehabilitation in feline patients. In this sense, the main obstacle that professionals encounter with these patients is the veterinarian's lack of experience in the correct way to handle cats, which is why, during the orthopedic examination, some signs may be overlooked, making accurate diagnoses difficult.

Therefore, this Postgraduate Certificate will address the rehabilitation of orthopedic diseases in cats, among which Osteoarthritis (OA) is emerging as one of the most common conditions affecting felines, with studies indicating a prevalence of up to 90%.

On the other hand, the characteristics that make water an ideal medium for their recovery from numerous conditions will be examined and discussed. In addition, to comparing the different therapeutic options offered by the use of the aquatic medium.

All this, in a convenient, 100% online training course which has been specially designed so that the veterinarian can study wherever and whenever they want. All that is needed is an electronic device with an Internet connection in order to access the largest bank of content on the subject in the educational landscape.

This **Postgraduate Certificate in Feline Rehabilitation. Hydrotherapy** contains the most complete and up to date scientific program on the market. The most important features of the program include:

- ♦ The development of case studies presented by experts in Feline Rehabilitation
- ♦ 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
- ♦ The latest news on Feline Rehabilitation
- ♦ Practical exercises where self-assessment can be used 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



The best content and the most prepared teaching staff on the international scene can be found at TECH"

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A learning opportunity that will open the door to a promising professional future”

The program is focused on rehabilitating feline patients. In this sense, the main obstacle that professionals encounter with these patients is their lack of experience and understanding of how to manage them properly, which is why, during the orthopedic examination, some signs may be overlooked, making the correct diagnosis difficult.

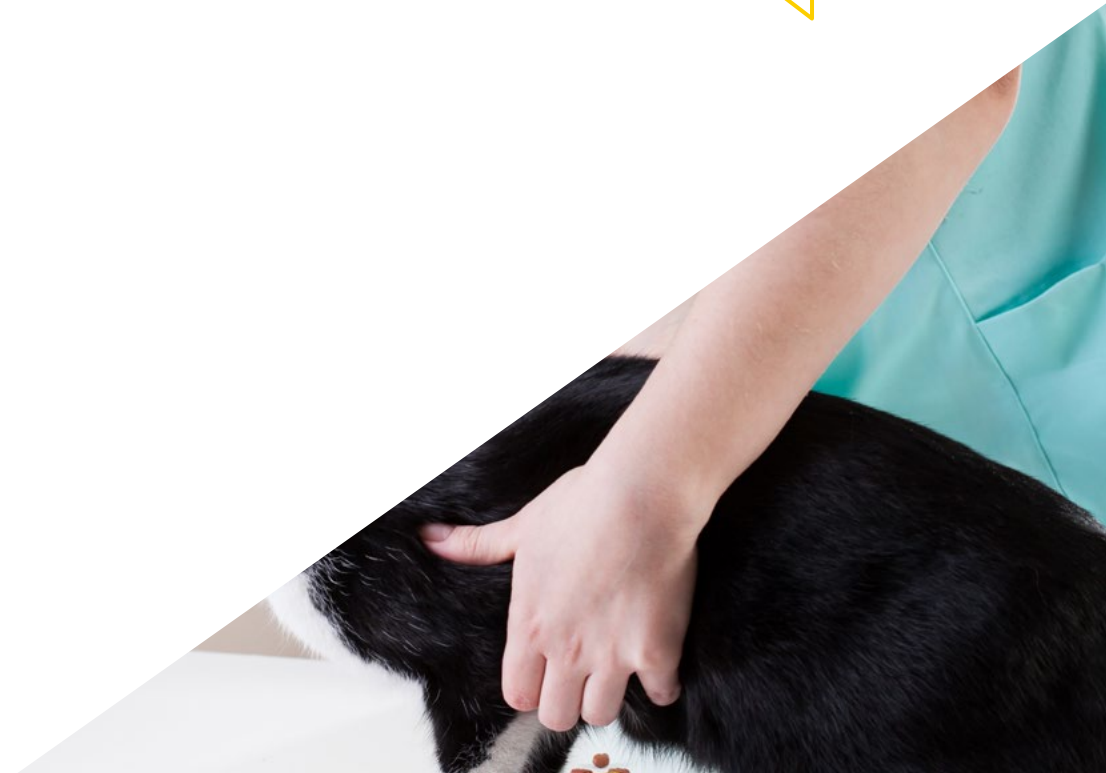
Therefore, this Postgraduate Certificate will address the rehabilitation of orthopedic diseases in cats, among which Osteoarthritis (OA) is emerging as one of the most common conditions affecting felines, with studies indicating a prevalence of up to 90%.

On the other hand, the characteristics that make water an ideal medium to aid the recovery from a great many disorders will be examined and discussed. In addition, we will investigate and compare the different therapeutic options offered by the aquatic medium.

All this, in a convenient, 100% online training course which has been specially designed so that the veterinarian can study where and when he/she wants. All you need is an electronic device with access to the Internet to start studying the largest bank of content on the subject in the educational landscape.

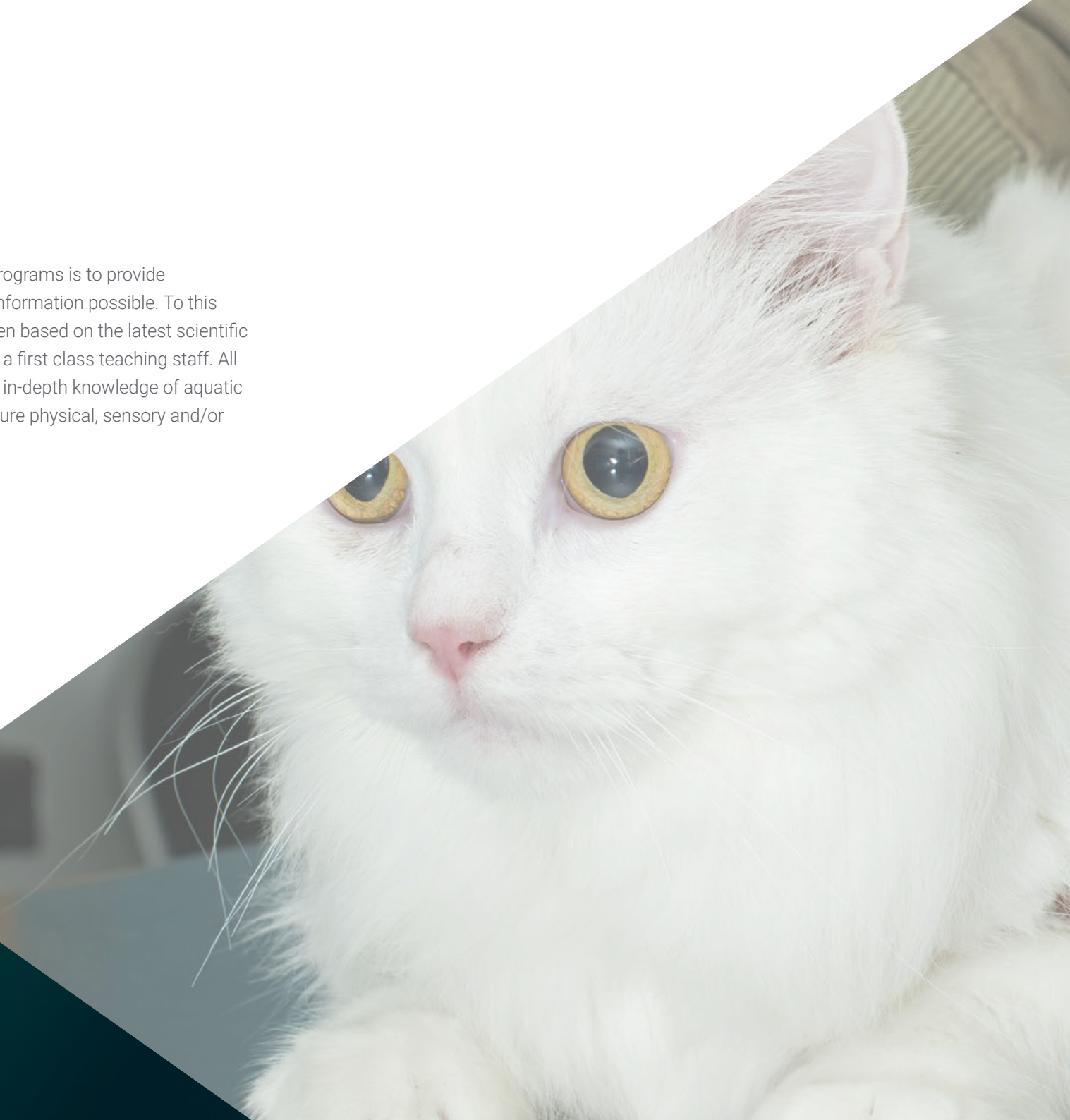
Don't miss this great opportunity. It will undoubtedly be a gateway to a promising future.

Since this is an online course, you will not have to put the rest of your day-to-day tasks to one side.



02 Objectives

TECH's primary objective when designing its training programs is to provide veterinarians with the highest quality preparation and information possible. To this end, the design of this Postgraduate Certificate has been based on the latest scientific evidence with the utmost rigor, in addition, to providing a first class teaching staff. All this assures the student that they will be able to obtain in-depth knowledge of aquatic therapy for feline patients and therefore, learn how to cure physical, sensory and/or motor problems in these animals.





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This university pursues a single goal: to elevate students to the top of their profession”



General objectives

- Develop specialized knowledge of the rehabilitation of feline patients
- Analyze the most frequent pathologies in feline patients that may require treatment by a rehabilitation veterinarian
- Determine the importance and value of hydrotherapy in the field of animal physical rehabilitation
- Examine the physical principles that make hydrotherapy an important tool in animal physical rehabilitation

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Learn everything you need to know about feline hydrotherapy with this complete Postgraduate Certificate”





Specific objectives

- ◆ Propose rehabilitation plans adjusted to the peculiarities in the character and management of the feline species both in the clinic environment and at home
- ◆ Generate specialized knowledge to detect signs of osteoarthritis (OA) in the feline species
- ◆ Compile therapies and strategies that are well suited to felines in their Rehabilitation Sessions
- ◆ Recognize the main differences between the principles of pool hydrotherapy and underwater treadmill hydrotherapy
- ◆ Analyze the indications and contraindications of hydrotherapy
- ◆ Examine the differences between swimming and walking in water
- ◆ Develop a rehabilitation plan that includes hydrotherapy

03

Course Management

The teaching staff on this course is composed of a number of top professionals in veterinary medicine, animal physiotherapy and aquatic therapy for felines. This team, aware of the importance and relevance of training in this field, has designed a complete content bank specially designed to lead veterinarians to success in their daily practice.





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We have the most experienced teaching staff in the educational panorama”

Management



Ms. Ceres Vega-Leal, Carmen

- Veterinarian in the Physiotherapy and Rehabilitation Service at Clínica Veterinaria A Raposeira, Vigo (Pontevedra)
- Veterinarian in Tierklinik Scherzingen, Freiburg (Germany)
- Degree in Veterinary Medicine from the Faculty of Veterinary Medicine of León in 2008
- Master's Degree in Physiotherapy and Rehabilitation of Small Animals, Complutense University of Madrid
- Master's Degree in Veterinary Physiotherapy and Rehabilitation for Dogs and Cats, Complutense University of Madrid
- Postgraduate Diploma in Bases of Physiotherapy and Animal Rehabilitation, Complutense University of Madrid 2014

Professors

Ms. Picón Costa, Marta

- ♦ Outpatient Rehabilitation and Physiotherapy Service in Seville and Cadiz areas
- ♦ Veterinarian by the Faculty of Veterinary Medicine of Alfonso X the Wise
- ♦ Postgraduate Diploma in Physiotherapy and Animal Rehabilitation, Complutense University of Madrid

Ms. Pascual Veganzones, María

- ♦ Head veterinarian at the Narub Rehabilitation and Hydrotherapy Center
- ♦ Manager and Coordinator of the Rehabilitation and Physiotherapy service at home, Animal Nutrition in Vetterapia Animal
- ♦ Head of the veterinary clinic at Centro Veterinario Don Pelanas. Animal Rehabilitation and Physiotherapy Service
- ♦ Graduate in Veterinary Medicine from the University of Leon
- ♦ Postgraduate course in Rehabilitation and Veterinary Physiotherapy in Small Animals, FORVET school

Ms. Laliena Aznar, Julia

- ♦ Head of the Rehabilitation Service, Veterinary Hospital Anicura Valencia Sur. Valencia
- ♦ I-VET academy teacher in Rehabilitation classes of the Veterinary Technical Assistant postgraduate course
- ♦ Degree in Veterinary from the University of Zaragoza
- ♦ Master's Degree in Small Animal Clinic I and II
- ♦ Postgraduate Certificate in Small Animal Veterinary Rehabilitation
- ♦ Postgraduate Certificate in Clinical Diagnosis in the Canine and Feline Patient

Ms. Hernández Jurado, Lidia

- ♦ Co-owner and head of the Animal Physical Rehabilitation Service of the Amodiño Veterinary Clinic in Lugo
- ♦ Graduate in Veterinary Medicine from the University of Santiago de Compostela
- ♦ Degree in Biology from the University of Santiago de Compostela
- ♦ Specialization Postgraduate Certificate in Small Animal Rehabilitation

Ms. Rodríguez-Moya Rodríguez, Paula

- ♦ Veterinarian at the Rehabcan Animal Rehabilitation and Physiotherapy Center. Traditional Chinese veterinary medicine service
- ♦ Graduate in Veterinary Medicine, Catholic University of Valencia
- ♦ Specialty in Traditional Chinese Medicine by Chi Institute. Certified acupuncturist. Certified Food Therapist
- ♦ Postgraduate Degree in Physiotherapy and Rehabilitation of Small Animals by Euroinnova Business School

04

Structure and Content

The structure of the contents has been designed by the best professionals in the field of aquatic rehabilitation in feline patients, with extensive experience and recognized prestige in the profession, backed by the volume of cases reviewed, studied and diagnosed, and with extensive knowledge of new technologies applied to veterinary medicine. This will ensure that, upon completion of the training, you will be fully qualified to work in this field from a multidisciplinary approach that promotes the longevity, health and quality of life of the animal.



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To ensure that we always bring the best to our students, TECH designs all its programs with the utmost scientific rigor”

Module 1. Feline Rehabilitation. Hydrotherapy

- 1.1. Feline Rehabilitation I: Important Aspects
 - 1.1.1. Signs of Pain in the Feline Patient
 - 1.1.2. The Importance of the Environment and Management in the Feline Patient
 - 1.1.3. Main Pathologies Susceptible to Rehabilitation in Felines
- 1.2. Feline Rehabilitation II: Degenerative Joint Disease in Felines
 - 1.2.1. Clinical Manifestations
 - 1.2.2. Orthopedic Examination
 - 1.2.3. Radiological Peculiarities
 - 1.2.4. Weight Management
- 1.3. Feline Rehabilitation III: The Post-Surgical Patient
 - 1.3.1. Introduction
 - 1.3.2. Special Care and Stress Management
 - 1.3.3. Rehabilitation Therapies and Techniques
- 1.4. Feline Rehabilitation IV: Considerations in Rehabilitation Plans
 - 1.4.1. The Environment and Structuring of the Sessions
 - 1.4.2. Most Tolerated Therapies
 - 1.4.3. Strategies for the Execution of Therapeutic Exercises
 - 1.4.4. Home Modifications and Recommendations
- 1.5. Hydrotherapy I: Physical Principles of Water
 - 1.5.1. Introduction
 - 1.5.2. Relative Density
 - 1.5.3. Buoyancy
 - 1.5.4. Surface Tension
 - 1.5.5. Viscosity
 - 1.5.6. Hydrostatic Pressure
 - 1.5.7. Thermal Capacity
- 1.6. Hydrotherapy II: Benefits and Indications
 - 1.6.1. Indications in Patients with Neurological Problems
 - 1.6.2. Indications in Patients with Orthopedic Problems
 - 1.6.3. Indications in Overweight Patients
 - 1.6.4. Indications in Sports Patients



- 1.7. Hydrotherapy III: Precautions, Contraindications and Special Care
 - 1.7.1. Precautions
 - 1.7.2. Contraindications
 - 1.7.3. Special Care
- 1.8. Hydrotherapy IV: Modalities I
 - 1.8.1. Underwater Tape
 - 1.8.2. Indications and Advantages
 - 1.8.3. Precautions and Contraindications
- 1.9. Hydrotherapy V: Modalities II
 - 1.9.1. Swimming and Other Pool Exercises
 - 1.9.2. Indications and Advantages
 - 1.9.3. Precautions and Contraindications
 - 1.9.4. Main Differences between the Two Modalities
- 1.10. Hydrotherapy VI: Development of a Hydrotherapy Plan
 - 1.10.1. When to Implement Hydrotherapy in the Rehabilitation Plan?
 - 1.10.2. Duration of Therapy
 - 1.10.3. Water Temperature
 - 1.10.4. Water Quality Parameters.
 - 1.10.5. The Importance of the Drying

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High quality content, full of case studies designed to lead you to success in your daily practice”

05 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.





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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. Gervas, 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.

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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.

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.





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 Certificate in Feline Rehabilitation. Hydrotherapy guarantees you, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate issued by TECH Technological University.





*Successfully complete this program
and receive your university degree
without travel or laborious paperwork”*

This **Postgraduate Certificate in Feline Rehabilitation. Hydrotherapy** contains the most complete and up-to-date scientific program on the market.

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

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

Title: **Postgraduate Certificate in Feline Rehabilitation. Hydrotherapy**

Official N° of hours: **150 h.**



*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.

future

health confidence people

education information tutors

guarantee accreditation teaching

institutions technology learning

community commitment

personalized service innovation

knowledge present quality

online training

development languages

virtual classroom

tech technological
university

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