

# Postgraduate Certificate Manual Therapy for Horses





## Postgraduate Certificate Manual Therapy for Horses

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 6 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/us/veterinary-medicine/postgraduate-certificate/manual-therapy-horses](http://www.techtitute.com/us/veterinary-medicine/postgraduate-certificate/manual-therapy-horses)

# Index

01

Introduction

---

*p. 4*

02

Objectives

---

*p. 8*

03

Course Management

---

*p. 12*

04

Structure and Content

---

*p. 16*

05

Study Methodology

---

*p. 20*

06

Certificate

---

*p. 28*



01

# Introduction

Manual therapy is one of the main treatment modalities when talking about equine physiotherapy, providing flexibility, analgesia, muscle relaxation and many other positive effects on the tissues, besides being one of the most appreciated treatments during competition. Joining this community of learners will allow students to develop the professional skills needed to deal with these animals.





“

*Society demands veterinary professionals specialized in equine medicine and with extensive knowledge in manual therapy. Think no more and specialize with us”*

La therapy Manual encompasses a set of very varied techniques with different effects on the tissues, including massage, myofascial techniques, stretching and joint manipulations. All these techniques are applied in the different rehabilitation protocols, as well as in the physical maintenance of sport horses, so it is essential to have a thorough knowledge of them.

The study of the different techniques will allow the veterinary physiotherapist to elaborate a complete treatment for each pathology, choosing each technique according to specific treatment objectives.

In this Postgraduate Certificate all manual therapy techniques are developed with a critical and objective point of view, analyzing the existing literature and exposing the experience provided by the authors. The program will allow to understand the methodology in the application of these therapies, which will be vital for an adequate execution of the treatments.

This program provides students with specialized tools and skills to successfully develop their professional activity, works on key competencies such as knowledge of the reality and daily practice of the veterinary professional, and develops responsibility in the monitoring and supervision of their work, as well as communication skills within the essential teamwork.

In addition, as it is a university online course, the student is not conditioned by fixed schedules or the need to move to another physical location, but can access the contents at any time of the day, balancing their work or personal life with their academic life.

This **Postgraduate Certificate in Manual Therapy for Horses** 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 equine physiotherapy and rehabilitation
- ♦ 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 self-assessment can be used to improve learning
- ♦ Special emphasis on innovative methodologies in Horse Manual Therapy
- ♦ 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



*Do not miss the opportunity to take this course in Horse Manual Therapy. It's the perfect opportunity to advance your career"*

“

*This course university is the best investment you can make in selecting a refresher program to update your knowledge in Horse Manual Therapy"*

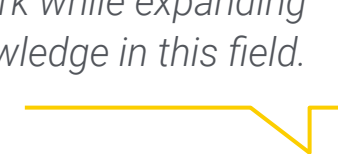
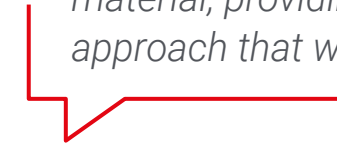
Its teaching staff includes professionals from the veterinary field, who contribute their work experience to this program, in addition to renowned specialists from prestigious reference societies and universities.

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 education programmed to learn 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 throughout the program. For this purpose, the professional will be assisted by an innovative interactive video system developed by renowned and experienced experts in Horse Manual Therapy.

*This program comes with the best educational material, providing you with a contextual approach that will facilitate your learning.*

*This 100% online Postgraduate Certificate will allow you to combine your studies with your professional work while expanding your knowledge in this field.*





# 02 Objectives

This Postgraduate Certificate in Manual Therapy for Horses is oriented to facilitate the performance of the professional dedicated to veterinary medicine with the latest advances and newest treatments in the sector.







“

*Our goal is to offer a quality education so that our students become the best in their profession"*



## General Objectives

---

- ♦ Analyze the different modalities of manual therapy, their applications and effects on the horse
- ♦ Identify the appropriate manual treatment modalities for each case
- ♦ Develop competencies in the application of the different modalities
- ♦ Establish a treatment using different manual therapy modalities



*A path to achieve education and professional growth that will propel you towards a greater level of competitiveness in the employment market".*







## Specific Objectives

---

- ♦ Analyze different types of passive kinesitherapy and joint mobilizations
- ♦ Develop the methodology of massage and its applications
- ♦ Examine existing stretches in horses and their applications
- ♦ Develop myofascial therapy techniques and their influence on the horse
- ♦ Define "trigger points" and their consequences
- ♦ Establish which are the existing treatments of trigger points and their execution
- ♦ Analyze joint manipulative techniques and application methodology



03

# Course Management

The program includes in its teaching staff experts of reference in Manual Therapy for Horses who bring their work experience to this program. They are world-renowned professionals from different countries with proven theoretical and practical professional experience.



“

*Our teaching team is the most complete and successful in the educational panorama"*

## Management



### Dr. Hernández Fernández, Tatiana

- ♦ Diploma in Physiotherapy at the URJC
- ♦ Degree in Veterinary Medicine from the UCM
- ♦ Resident in the area of Equidae at the Clinical Veterinary Hospital of the UCM
- ♦ Practical experience of more than 500 hours in hospitals, sports centers, primary care centers and human physical therapy clinics
- ♦ More than 10 years working as a specialist in rehabilitation and physiotherapy

## Professors

### Dr. Dreyer, Cristina

- ♦ Internship in Sports Medicine and Lameness, at the Lameness Referral Center, N.W.E.P, North West Equine Performance, in Oregon, USA.
- ♦ Postgraduate Diploma in Equine Science by the Veterinary University in Edinburgh
- ♦ Own Title of Expert in Bases of Physiotherapy and Animal Rehabilitation by the UCM
- ♦ Own Title of Expert in Equine Physiotherapy and Rehabilitation by the UCM
- ♦ Quiropraxia Veterinaria por IAVC International Academy of Veterinary Chiropractic
- ♦ Acupuntura Veterinaria por IVAS International Veterinary Acupuncture Society
- ♦ Applied Kinesiology and Veterinary Holistic by EMVI and the Spanish Association of Kinesiology
- ♦ Spanish Certificate in Equine Clinic
- ♦ Clinical Manager for two years of the Equine Department at the Large Animal Clinic Los Molinos, Madrid
- ♦ More than 10 years as veterinarian of the Sotogrande International Polo Tournament







04

# Structure and Content

The structure of the contents has been designed by the best professionals in the field of Manual Therapy in Horses, with an extensive experience and recognized prestige in the profession, backed by the volume of cases reviewed, studied and diagnosed, and with a wide mastery of new technologies applied to veterinary medicine.





“

*We have the most complete and up-to-date scientific program on the market. We strive for excellence and for you to achieve it too"*



## Module 1. Manual Therapy

- 1.1. Introduction to Manual Therapy and Kinesiotherapy
  - 1.1.1. Definition of Manual Therapy and Kinesiotherapy
  - 1.1.2. Types of Kinesiotherapy
  - 1.1.3. Technical Aspects
  - 1.1.4. Application in Horses
- 1.2. Joint Mobilizations of the Extremities
  - 1.2.1. Mobilization of the Distal Portion of the Forelimb
  - 1.2.2. Mobilization of the Proximal Portion of the Forelimb
  - 1.2.3. Mobilization of the Distal Portion of the Forelimb
  - 1.2.4. Mobilization of the Proximal Portion of the Forelimb
- 1.3. Joint Mobilizations of the Axial Skeleton
  - 1.3.1. TMJ Mobilization
  - 1.3.2. Cervical Mobilization
  - 1.3.3. Thoracolumbar Mobilization
  - 1.3.4. Lumbosacral Mobilization
  - 1.3.5. Sacroiliac Mobilization
  - 1.3.6. Tail Mobilization
- 1.4. Musculoskeletal Stretching
  - 1.4.1. Introduction
  - 1.4.2. Types of Musculoskeletal Stretching
  - 1.4.3. Osteoarticular Postures
  - 1.4.4. Forelimb Stretches
  - 1.4.5. Hind Limb Stretches
  - 1.4.6. Axial Structure Stretching
  - 1.4.7. Horse Application
- 1.5. Massage Therapy
  - 1.5.1. Introduction and Types of Massage Therapy
  - 1.5.2. Massage Therapy Techniques
  - 1.5.3. Massage Effects and Applications
  - 1.5.4. Horse Application
- 1.6. Myofascial Manual Therapy
  - 1.6.1. Introduction, Concept of Fascia and Fascial System in the Horse
  - 1.6.2. Techniques of Myofascial Therapy
  - 1.6.3. Horse Application
- 1.7. Trigger Points: Definition and Implications
  - 1.7.1. Definition and Classification of Trigger Points
  - 1.7.2. Effects and Characteristics of Trigger Points
  - 1.7.3. Origin and Causes of Trigger Points
  - 1.7.4. Implications of Chronic Pain
  - 1.7.5. Implications of Myofascial Pain in Sports
- 1.8. Trigger Point Treatment
  - 1.8.1. Manual Techniques
  - 1.8.2. Dry Needling
  - 1.8.3. Cryotherapy and Application of Electro-Physical Agents
  - 1.8.4. Horse Application
- 1.9. Manipulative Therapy I
  - 1.9.1. Introduction
  - 1.9.2. Terminology
    - 1.9.2.1. Joint Locking or Fixation
    - 1.9.2.2. Handling and Adjustment
    - 1.9.2.3. Joint Range of Motion (ROM)
  - 1.9.3. Description of the Manual Handling Technique
    - 1.9.3.1. Hand Posture
    - 1.9.3.2. Body Posture
    - 1.9.3.3. Description of Settings
  - 1.9.4. Security Considerations
  - 1.9.5. Sacropelvic Area
    - 1.9.5.1. Sacro
    - 1.9.5.2. Pelvis
  - 1.9.6. Lumbar Region



- 1.10. Manipulative Therapy II
  - 1.10.1. Thoracic Region
    - 1.10.1.1. Thoracic Region
    - 1.10.1.2. Rib Region
  - 1.10.2. Head and Cervical Region
    - 1.10.2.1. Atlantooccipital and Atlantoaxial Region
    - 1.10.2.2. Lower Cervicals
    - 1.10.2.3. Temporomandibular Joint TMJ
  - 1.10.3. Extremities
    - 1.10.3.1. Forelimbs
      - 1.10.3.1.1. Scapula
      - 1.10.3.1.2. Shoulder
      - 1.10.3.1.3. Carpus

“

*This program will allow you to advance in your career in a seamless way”*



05

# Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



“

*TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”*



## The student: the priority of all TECH programs

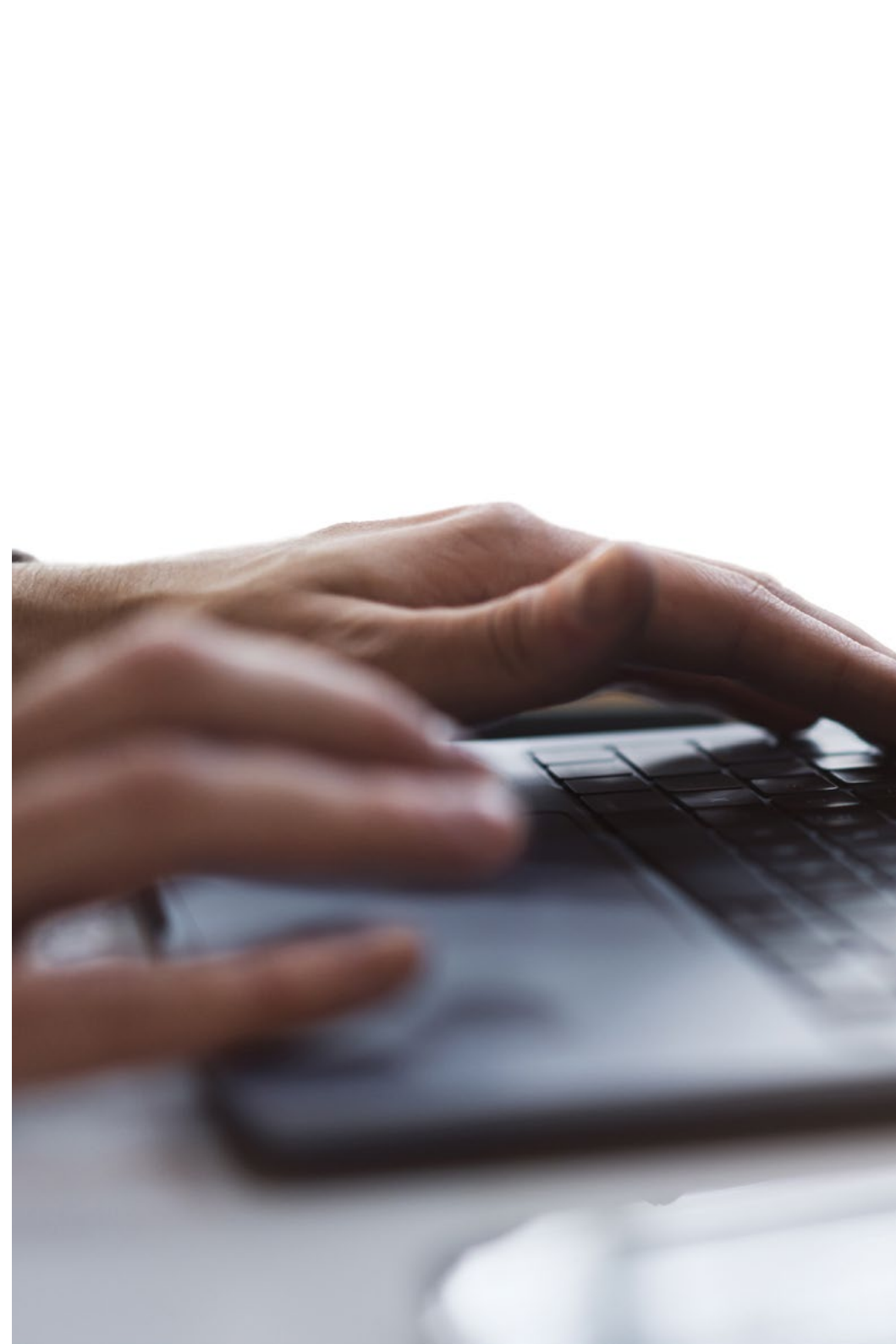
In TECH's study methodology, the student is the main protagonist.

The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

“

*At TECH you will NOT have live classes  
(which you might not be able to attend)”*



### The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“

*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want”*



## Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



## Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

*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.*





## A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



*The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule”*

### The effectiveness of the method is justified by four fundamental achievements:

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

## The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the quality of teaching, quality of materials, course structure and objectives is excellent. Not surprisingly, the institution became the best rated university by its students on the Trustpilot review platform, obtaining a 4.9 out of 5.

*Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.*

*You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.*





As such, the best educational materials, thoroughly prepared, will be available in this program:



#### 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.

This content is then adapted in an audiovisual format that will create our way of working online, with the latest techniques that allow us to offer you high quality in all of the material that we provide you with.



#### Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



#### Interactive Summaries

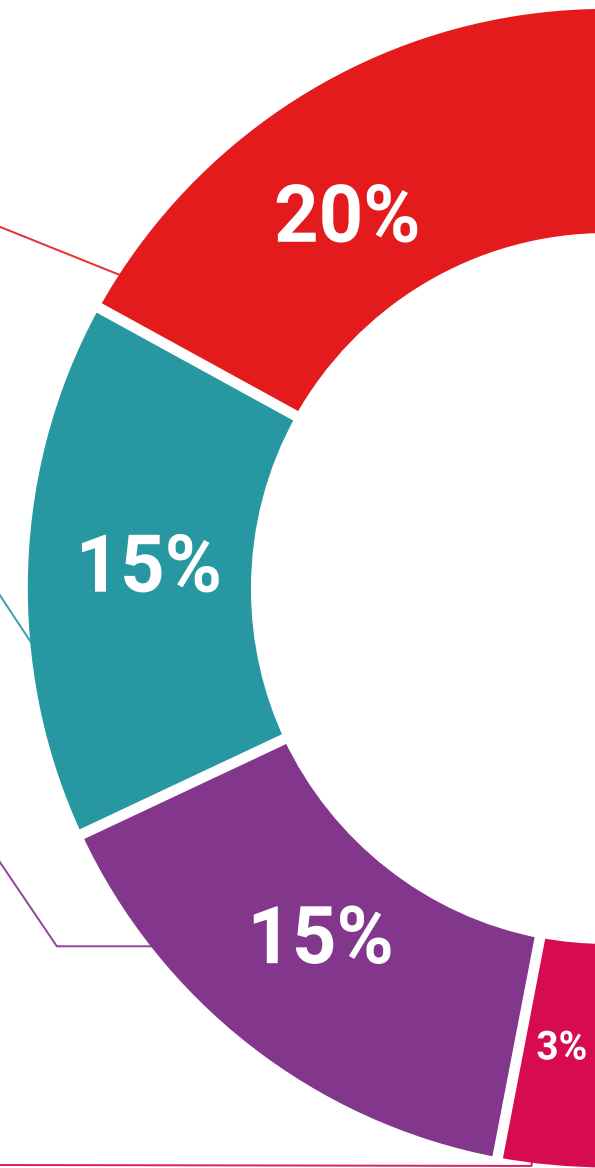
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

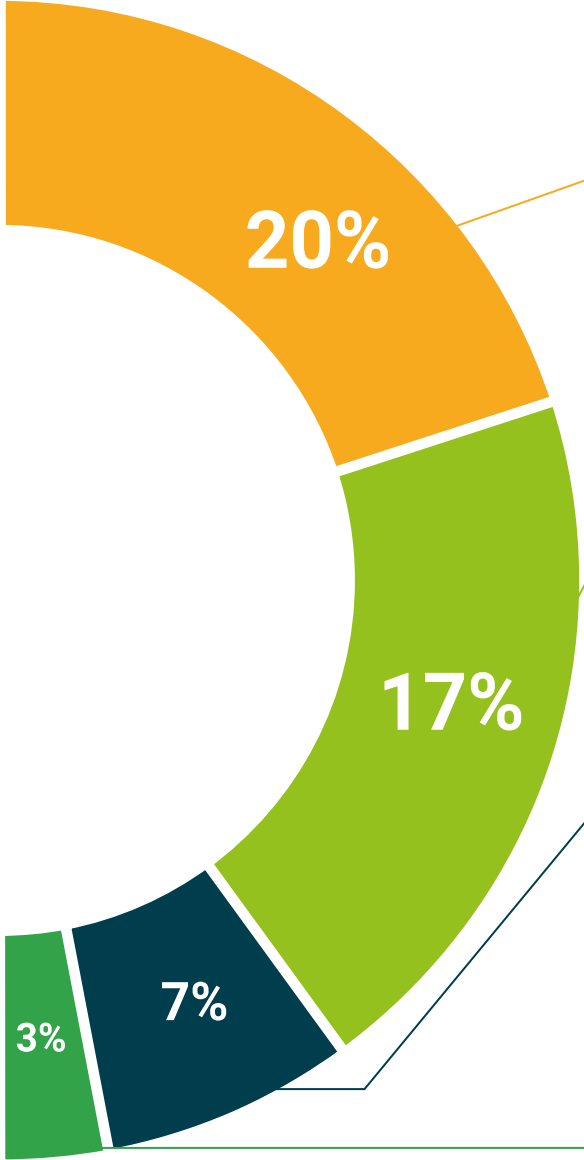
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



#### Additional Reading

Recent articles, consensus documents, international guides... In our virtual library you will have access to everything you need to complete your education.





**Case Studies**

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



**Testing & Retesting**

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



**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 for 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 Manual Therapy for Horses guarantees, in addition to the most rigorous and updated training, access to a Postgraduate Certificate issued by TECH Global University



“

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



This private qualification will allow you to obtain a **Postgraduate Certificate in Manual Therapy for Horses** endorsed by **TECH Global University**, the world's largest online university.

**TECH Global University**, is an official European University publicly recognized by the Government of Andorra (*official bulletin*). Andorra is part of the European Higher Education Area (EHEA) since 2003. The EHEA is an initiative promoted by the European Union that aims to organize the international training framework and harmonize the higher education systems of the member countries of this space. The project promotes common values, the implementation of collaborative tools and strengthening its quality assurance mechanisms to enhance collaboration and mobility among students, researchers and academics.

This **TECH Global University** private qualification, is a European program of continuing education and professional updating that guarantees the acquisition of competencies in its area of knowledge, providing a high curricular value to the student who completes the program.

Title: **Postgraduate Certificate in Horse Manual Therapy**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**



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



## Postgraduate Certificate Manual Therapy for Horses

- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Global University**
- » Accreditation: **6 ECTS**
- » Schedule: **at your own pace**
- » Exams: **online**

# Postgraduate Certificate Manual Therapy for Horses

