Postgraduate Certificate
Equine Specialist Dentistry

tech *global university*

Postgraduate Certificate
Equine Specialist Dentistry

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

Website: **www.techtitute.com/us/veterinary-medicine/postgraduate-certificate/equine-specialist-dentistry**

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Introduction

This course addresses the different pathologies, both dental and of the oral cavity, as well as diagnostic and therapeutic options for each type of horse.

It covers the different routine procedures for maintaining good oral health in horses, as well as addressing the importance of the temporomandibular joint itself, how to identify pathologies related to it and the most common injuries and how to treat them.

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Become a professional in one of the most in-demand fields of the moment: train in Equine Specialist Dentistry with this comprehensive Postgraduate Certificate"

The Postgraduate Certificate in Equine Specialist Dentistry is a response to the needs and demands of veterinary clinicians who, based on the high number of cases they encounter, seek to offer the best service to their patients.

Currently, the trend in veterinary hospitals and clinics is to opt to specialize in a specific area, with the equine clinic being one of the most demanded.

Equine dentistry has been evolving throughout the last few years and has gained a lot of ground in the equine clinic. Nowadays, owners of horses know the importance of looking after the oral health of the animals since this is directly related to the overall health of the horse. It can also interfere in the development of different sporting or recreational disciplines of the horses too.

In order to ensure good diagnosis and treatment, it is essential to perform a preliminary examination of the patient, both general and oral. For this purpose, it is important for veterinarians to have precise knowledge of the anatomy of the head and the physiology of mastication as well as the complementary diagnostic techniques which could include radiology, computerized tomography, oral endoscopy or scintigraphy.

The teaching team that makes up the Postgraduate Certificate in Equine Specialist Dentistry is composed of veterinary professionals specializing in the different subjects taught in the course, with extensive experience both at a teaching and practical level. They are familiar with university training, teaching courses, degrees and different postgraduate courses related to the veterinary profession, and specifically Equine Specialist Dentistry. These lecturers are active professionals, both at university and clinical level, working in leading veterinary centres and participating in various research projects.

The modules developed in the Postgraduate Certificate in Equine Specialist Dentistry have been selected with the aim of offering the veterinary clinician the possibility of taking a step further in their future as a specialist in Dentistry and to develop specialized theoretical and practical knowledge to confidently face any oral and maxillofacial procedure that they may encounter in their daily practice.

The advanced knowledge developed in this Postgraduate Certificate is supported by the clinical experience of the authors, as well as scientific articles and publications directly related to the current veterinary dentistry sector.

Nowadays, the possibility of coordinating the veterinary clinician's working life with a Postgraduate Certificate is highly valued and valuable, and this course meets this requirement, in terms of teaching quality. The online format allows students to balance their work and academic life, and meets the demands and requirements of the veterinary professional.

This **Postgraduate Certificate in Equine Specialist Dentistry** offers you the advantages of a high-level scientific, teaching, and technological course. These are some of its most notable features:

- The latest technology in online teaching software.
- Highly visual teaching system, supported by graphic and schematic contents that are easy to assimilate and understand.
- Practical cases presented by practising experts.
- State-of-the-art interactive video systems.
- Teaching supported by telepractice.
- Continuous updating and recycling systems.
- Autonomous learning: full compatibility with other occupations
- Practical exercises for self-evaluation and learning verification.
- Support groups and educational synergies: questions to the expert, debate and knowledge.
- Communication with the teacher and individual reflection work.
- Content that is accessible from any fixed or portable device with an Internet connection
- Supplementary documentation databases are permanently available, even after the course

A Postgraduate Certificate that will enable you to work in all fields of Veterinary Dentistry with the competence of a high-level professional"

"

Receive complete and appropriate training in Veterinary Dentistry with this highly effective Postgraduate Certificate and open new paths to your professional progress"

Our teaching staff is made up of professionals from different fields related to this specialty. In this way, we ensure that we provide you with the training update we are aiming for. A multidisciplinary team of professionals trained and experienced in different environments, who will cover the theoretical knowledge in an efficient way, but, above all, will put the practical knowledge derived from their own experience at the service of the course: one of the differential qualities of this course.

This mastery of the subject is complemented by the effectiveness of the methodological design of this Postgraduate Certificate in Equine Specialist Dentistry. Developed by a multidisciplinary team of e-learning experts, it integrates the latest advances in educational technology. This way, you will be able to study with a range of comfortable and versatile multimedia tools that will give you the operability you need in your training.

The design of this program is based on Problem-Based Learning: an approach that conceives learning as a highly practical process. To achieve this remotely, we will use telepractice: with the help of an innovative interactive video system, and learning from an expert, you will be able to acquire the knowledge as if you were actually dealing with the scenario you are learning about. A concept that will allow you to integrate and fix learning in a more realistic and permanent way.

You will have the experience of expert professionals who will contribute their experience in this area to the program, making this training a unique opportunity for professional growth.

Our innovative telepractice concept will give you the opportunity to learn through an immersive experience, which will provide you with a faster integration and a much more realistic view of the contents: "learning from an expert".
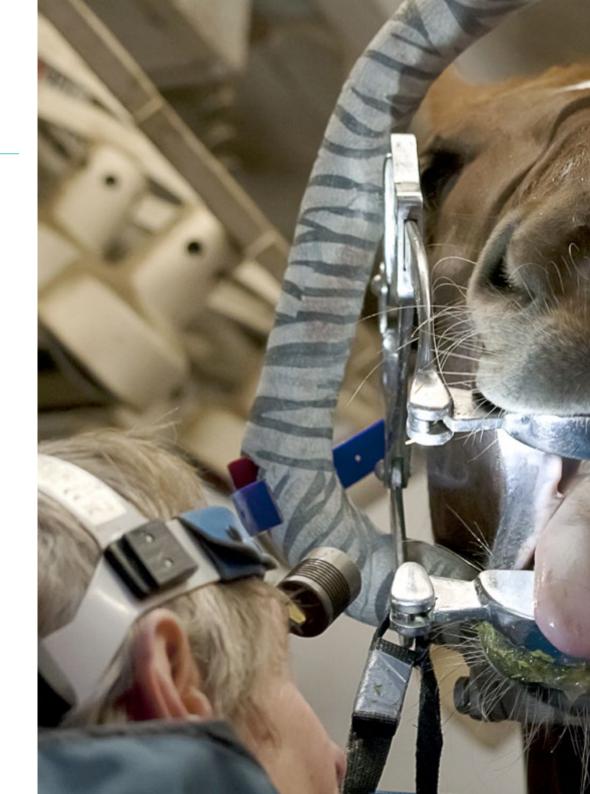
02

Objectives

Our objective is to train highly qualified professionals for work experience. An objective that is complemented, moreover, in a global manner, by promoting human development that lays the foundations for a better society. This objective is focused on helping medical professionals reach a much higher level of expertise and control. A goal that, in just six months, you will be able to achieve with a highly intensive and precise course.

If your objective is to broaden your skills set to include new paths of success and development: this is the course for you: a training that aspires to excellence"

General Objectives

- Determine the importance of equine dentistry
- Recognise the main oral pathologies
- Develop possible treatments according to pathologies and each specific case
- Analyse the dental particularities and management of the equine patient

A path to achieve training and professional growth that will propel you towards a greater level of competitiveness in the employment market"
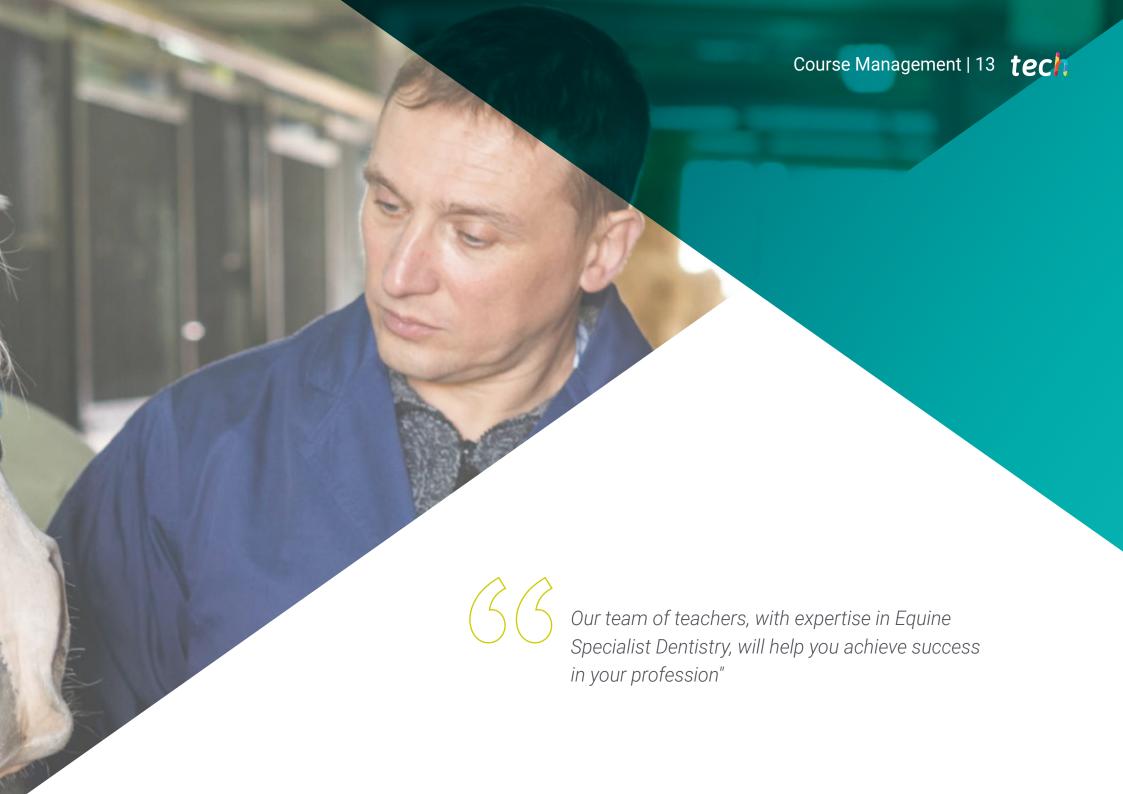
Specific Objectives

- Provide specific, advanced knowledge of the anatomy of the head and the physiology of mastication in horses
- Establish action protocols for good routine dental examination
- Identify the main oral pathologies affecting the equine patient
- Establish protocols for action and treatment for each specific pathology
- Assess the different dental needs according to each type of patient and discipline
- Demonstrate the importance of dental prophylaxis in horses
- Analyse the different diagnostic methods available in equine dentistry
- Examine the different perineural blocks for performing on-site oral procedures

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Course Management

For our course to be of the highest quality, we are proud to work with a teaching staff of the highest level, chosen for their proven track record. Professionals from different areas and fields of expertise that make up a complete, multidisciplinary team. A unique opportunity to learn from the best.

Our team of teachers, with expertise in Equine Specialist Dentistry, will help you achieve success in your profession"

Management

Dr. Saura Alfonseda, José María

- Degree in Veterinary Medicine from the University of Murcia.
- Member of the SEOVE and speaker at several SEOVE Congresses.
- Master's Degree in Dentistry and Maxillofacial Surgery V from the UCM in 2008
- Lecturer at the Faculty of Veterinary Medicine of the UAX in subjects such as Animal Physiopathology, Clinical Propaedeutics and Animal Anatomy.
- Senior Veterinarian at the Internal Medicine Service of the Veterinary Hospital Universidad Alfonso X El Sabio (HCV UAX) since 2006.
- Head of the Veterinary Dentistry and Maxillofacial Surgery Service of the HCV UAX since 2009.
- Outpatient Veterinary Dentistry and Maxillofacial Surgery Service (sauraodontovet) since 2013.

Professors

Dr. Díaz Holgado, Mónica
- Degree in Veterinary Medicine from the Alfonso X El Sabio University (2009-2015).
- Professional Master's Degree in Sports Medicine and Equine Surgery. Clinical Veterinary Hospital of the Alfonso X El Sabio University
- Professional Master's Degree in Veterinary Clinic Internship in Equine Clinic modality. Clinical Veterinary Hospital of the Alfonso X El Sabio University
- Collaborator in the area of large animals at the Clinical Veterinary Hospital.
- Clinical Veterinary Hospital of the Alfonso X El Sabio University. Resident in surgery and sports medicine

Dr. Marín-Baldo Vink, Alexandra
- Degree in Veterinary Medicine from the University of Alfonso X el Sabio (2015).
- Master's Degree in Sports Medicine and Equine Surgery from the Alfonso X El Sabio University (2016-2019)
- Professional Master's Degree in Veterinary Clinic Internship in Equine Clinic modality from the Alfonso X El Sabio University. (2015-2016)
- Attendance at courses and congresses related to equine clinical practice
- Resident in Sports Medicine and Equine Surgery at the UAX
- Intern in the large animals unit at the Alfonso X University Hospital
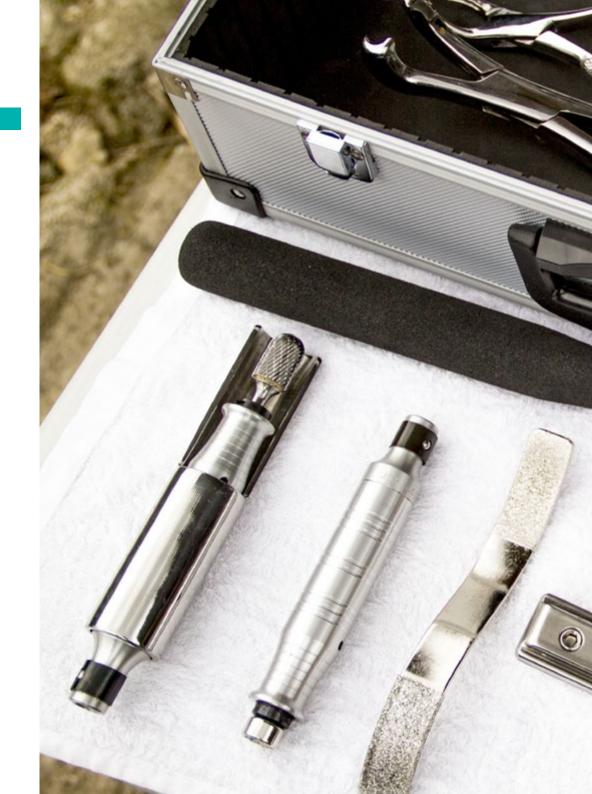- Residency at La Equina Hospital of Reference

Structure and Content

The contents of this Postgraduate Certificate course have been developed by the different experts on this course, with a clear purpose: to ensure that our students acquire each and every one of the necessary skills to become true experts in this field.

A complete and well-structured program that will take you to the highest standards of quality and success.

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"This Postgraduate Certificate in Equine Specialist Dentistry contains the most complete and up-to-date scientific program on the market"

Module 1. Equine Veterinary Dentistry

1.1.   Introduction
    1.1.1.   History and Evolution of Equine Dentistry
    1.1.2.   Equine Dental Evolution
    1.1.3.   Steaks, Bites and Accessories
    1.1.4.   Marketing of Equine Dentistry
1.2.   Anatomy and Physiology
    1.2.1.   Head Anatomy
    1.2.2.   Tooth Anatomy
    1.2.3.   Nomenclature Triadan System
    1.2.4.   Physiology of Mastication
    1.2.5.   Change of Dentition Approximation of Dental Age
    1.2.6.   Temporomandibular Joint
1.3.   Routine Dental Examination
    1.3.1.   Medical History
    1.3.2.   General Physical Evaluation
        1.3.2.1. Physical Examination and Palpation of the Head
        1.3.2.2. Examination of the Oral Cavity
    1.3.3.   Dental Equipment
1.4.   Dental and Oral Cavity Pathology
    1.4.1.   Signs of Dental Disease
    1.4.2.   Pathologies of Incisors and their Treatment
    1.4.3.   Canine Pathologies and their Treatment
    1.4.4.   Wolf Teeth
    1.4.5.   Pathologies of Premolars and Molars. Radiotherapy
    1.4.6.   Dental Fractures
    1.4.7.   Cavities
    1.4.8.   Equine Odontoclastic Resorption and Hypercementosis
    1.4.9.   Tumors
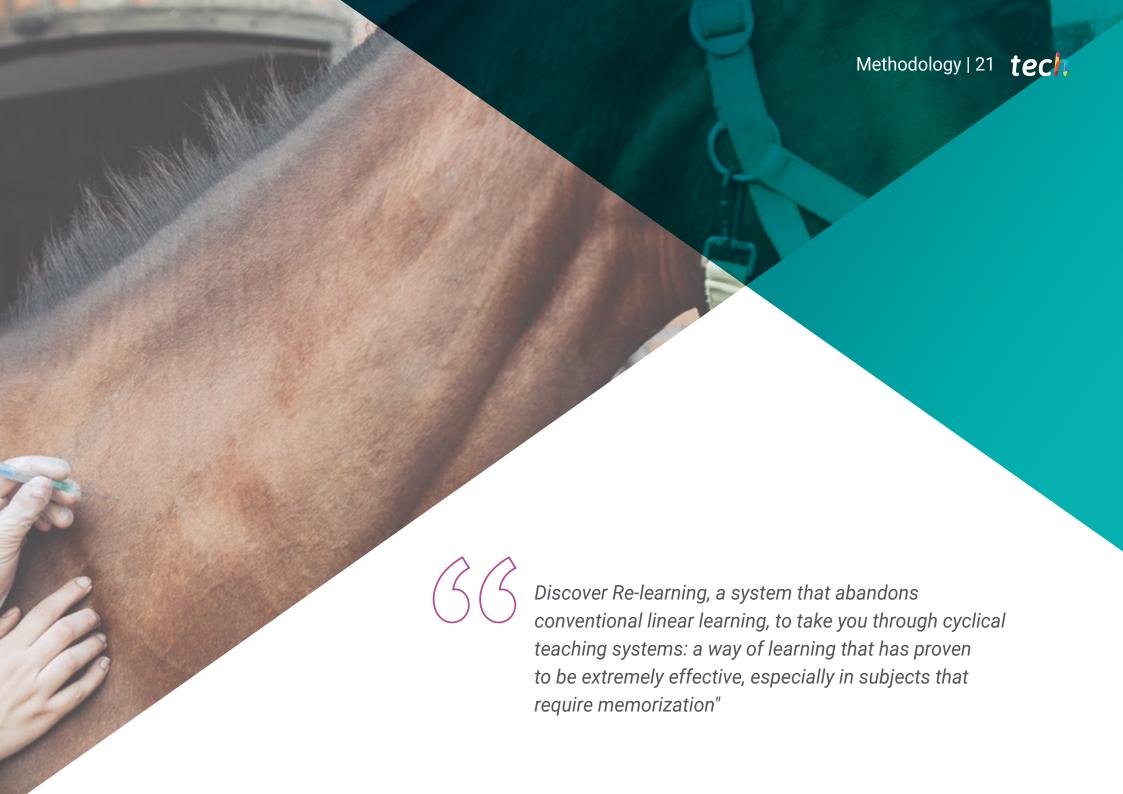   1.4.10.   Developmental Pathologies and Craniofacial Anomalies

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Methodology

This training provides you with a different way of learning. Our methodology uses a cyclical learning approach: *Re-learning*.

This teaching system is used 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 Re-learning, 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

In a given clinical situation, what would you do? 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 abundant scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you can 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 potential or because of its uniqueness or rarity. It is essential that the case be based on current professional life, trying to recreate the real conditions in the 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 achieve the assimilation of concepts, but also a development of their mental capacity through exercises to evaluate real situations and the application of knowledge.

2. The learning process has a clear focus on 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.

Re-Learning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: Re-learning.

Our 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, which represent a real revolution with respect to simply studying and analyzing 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 Re-learning method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best Spanish-speaking online university (Columbia University).

With this methodology we have trained more than 65,000 veterinarians with unprecedented success, in all clinical specialties regardless of the surgical load. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Re-learning 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 to success.

In our program, learning is not a linear process, but rather a spiral (we learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically.

The overall score obtained by our learning system is 8.01, according to the highest international standards.

In this program you will have access to the best educational material, prepared with you in mind:

Study Material

All the teaching materials are specifically created for the course, by specialists who teach on 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.
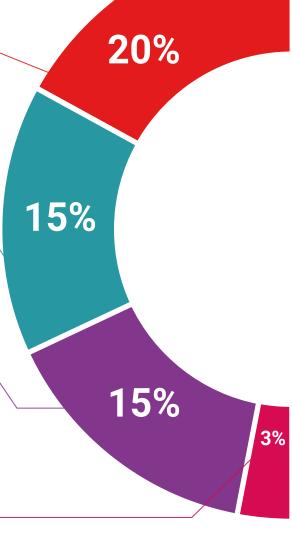
Latest Techniques and Procedures on Video

We bring you closer to the latest Techniques, to the latest Educational Advances, to the forefront of current Veterinary Techniques and Procedures. All this, in first person, with the maximum rigor, explained and detailed for your assimilation and understanding. And best of all, you can watch them as many times as you want.

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.
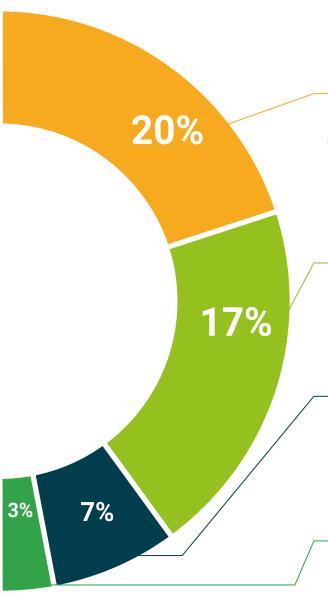
This unique multimedia content presentation training system was awarded by Microsoft as a "European Success Story".

Additional Reading

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

20%

15%

15%

3%

20%

17%

3%

7%

Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, we will present you with real case developments in which the expert will guide you through focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.

Testing & Re-Testing

We periodically evaluate and re-evaluate your knowledge throughout the program, through assessment and self-assessment activities and exercises: so that you can see how you are achieving your 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 our future difficult decisions.

Quick Action Guides

We offer you the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help you progress in your learning.

Certificate

The Postgraduate Certificate in Equine Specialist Dentistry guarantees you, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate issued by TECH Global University.

Include in your training a Postgraduate Certificate in Equine Specialist Dentistry: a highly qualified added value for any professional in this area"

This program will allow you to obtain your **Postgraduate Certificate in Equine Specialist Dentistry** 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** title 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 Equine Specialist Dentistry**

Modality: **online**

Duration: **6 weeks**

Accreditation: **6 ECTS**

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Mr./Ms. _____, with identification document _____ has successfully passed and obtained the title of:

Postgraduate Certificate in Equine Specialist Dentistry

This is a program of 180 hours of duration equivalent to 6 ECTS, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH Global University is a university officially recognized by the Government of Andorra on the 31st of January of 2024, which belongs to the European Higher Education Area (EHEA).

In Andorra la Vella, on the 28th of February of 2024

Dr. Pedro Navarro Illana
Rector

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 stamped with a Hague Apostille, TECH Global University will make the necessary arrangements at an additional cost.

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