



Postgraduate Diploma Feline Dentistry and Oral Surgery

» Modality: Online

» Duration: 6 months.

» Certificate: TECH Global University

» Accreditation: 18 ECTS

» Schedule: at your own pace

» Exams: online

Website: www.techtitute.com/us/veterinary-medicine/postgraduate-diploma/postgraduate-diploma-feline-dentistry-oral-surgery

Index

01	02		03	
Introduction	Objectives		Course Management	
-	p. 4	p. 8		p. 12
04	05		06	
Structure and Content	Methodology		Certificate	
р	. 16	p. 22		p. 30





tech 06 | Introduction

The trend within the veterinary profession is to specialize in a specific field. We must be prepared to offer the best diagnostics and dental treatments available in the veterinary field today. The demand put on this sector is increasing more and more, both on the level of a veterinary clinic and on the level of big hospital center. That is why a high grade specialization course is required.

For the last 15 years, Veterinary Dentistry has become a clinical sector with high demand among our patients' owners. Pets are increasingly coming to the Veterinary Clinic for dental treatment, which are aimed at improving the oral and dental health of our patients as well as maintaining and preserving their teeth. The veterinary dentist is now a reality and, as such, we must be prepared.

The Postgraduate Diploma in Feline Dentistry and Oral Surgery 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.

The teaching team that makes up the Postgraduate Diploma in Feline Dentistry and Oral Surgery 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 Feline Dentistry and Oral Surgery. 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 Diploma in Feline Dentistry and Oral Surgery 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 Diploma is supported by the clinical experience of the authors, as well as scientific articles and publications directly related to the modern day veterinary dentistry sector.

This Postgraduate Diploma provides students with all the theoretical and practical knowledge necessary to safely tackle any oral and maxillofacial procedure in the studied species.

This **Postgraduate Diploma in Feline Dentistry and Oral Surgery** offers you the benefits of a high-level scientific, teaching, and technological program. These are some of its most notable features:

- The latest technology in online teaching software
- A highly visual teaching system, supported by graphic and schematic contents that are easy to assimilate and understand
- Practical cases presented by practicing 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-assessment and learning verification
- Support groups and educational synergies: questions to the expert, debate and knowledge forums.
- 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 has finished



A Postgraduate Diploma that will enable you to work in all fields of Veterinary Dentistry with the competence of a highlevel professional"



Receive a complete and appropriate education in Veterinary Dentistry with this highly effective Postgraduate Diploma 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 educational 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.

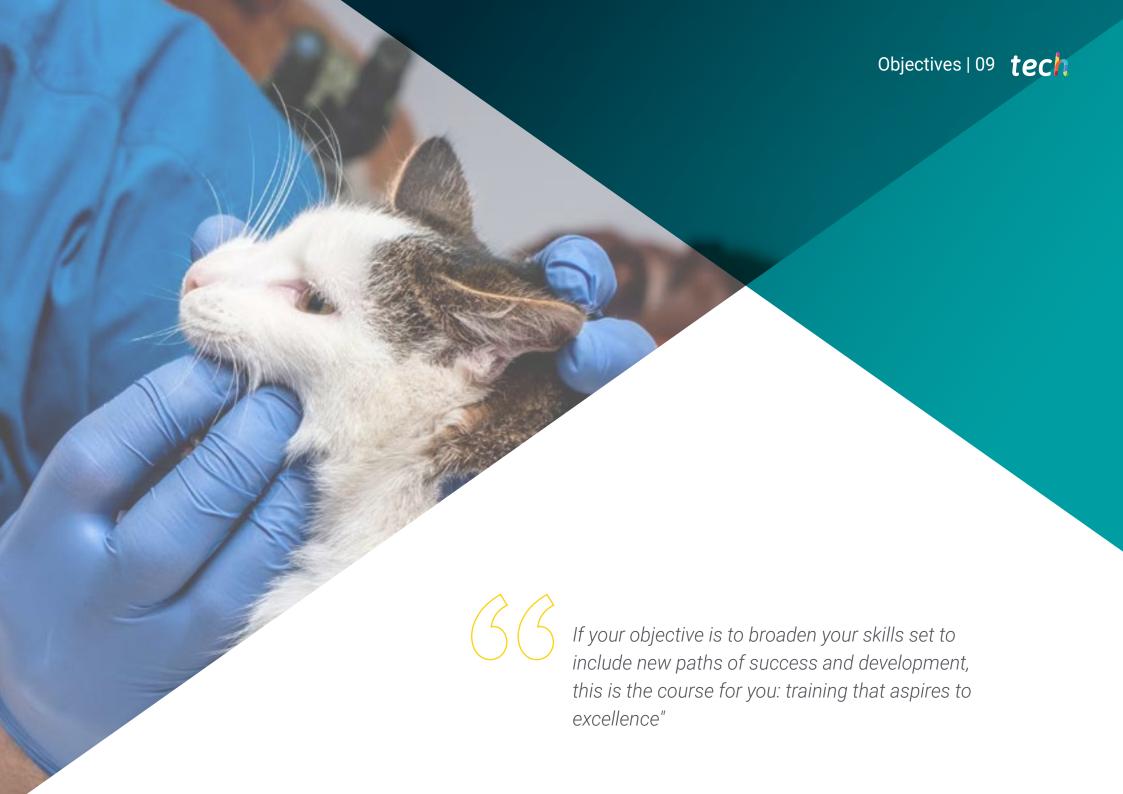
This mastery of the subject is complemented by the effectiveness of the methodological design of this Postgraduate Diploma in Feline Dentistry and Oral Surgery. Developed by a multidisciplinary team of *e-learning* experts, it integrates the latest advances in educational technology. This way, you will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

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 learning: 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 be supported by 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.





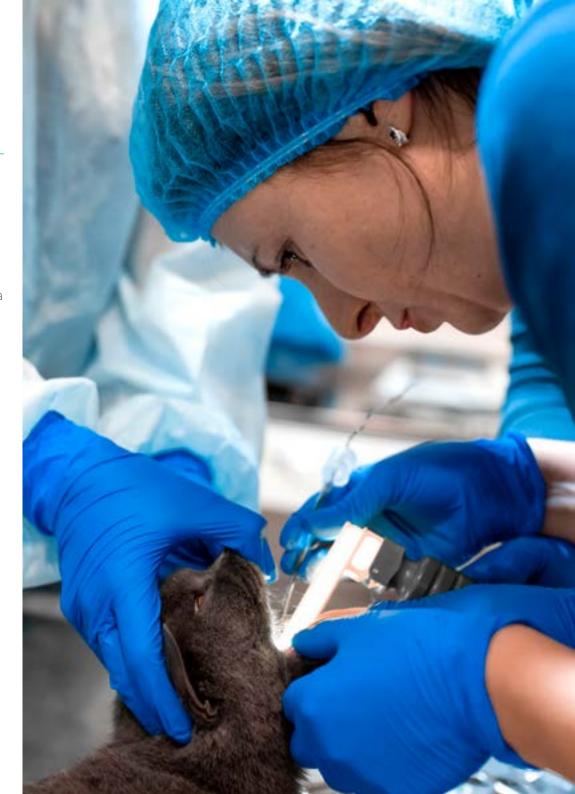


tech 10 | Objectives



General Objectives

- Establish the basis of the anatomy involved in veterinary dentistry.
- Provide specialized knowledge of dental and periodontal anatomical structures.
- Generate specialized knowledge in comparative anatomy of dogs and cats.
- Identify oral anatomical structures.
- Establish the foundations of feline dentistry and establish protocols for action, generating a specific routine for the specialty
- Identify the most frequent pathologies quickly and accurately with effective and precise treatment
- Analyze diseases on the basis of good theory and in an interactive way
- Generate specialized knowledge to examine, diagnose and treat oral pathologies correctly based on the latest advances in the specialty.
- Examine the main surgical pathologies occurring in the oral cavity of dogs and cats
- Diagnose any type of injury taught in this module.
- Develop specialized and advanced knowledge in order to carry out medical-surgical treatment in each case in an individualized manner
- Determine the surgical techniques necessary to safely approach oral cavity surgery and avoid as many complications as possible.





- · Determine the stages of tooth development
- Generate specialized knowledge to differentiate normal occlusion from malocclusion
- Analyze the dental anatomy in the canine and feline species

Module 1. Dental and Oral Cavity Anatomy in Small Animals

- Examine periodontal anatomy in the canine and feline species
- Develop specialized knowledge of the bone and joint anatomy of the head, muscular anatomy, neurovascular anatomy and glandular anatomy.

Module 2. Dentistry in Feline Veterinary

- Establish routine guidelines for conducting an oral examination and records
- Determine preventive dentistry
- · Carry out an in-depth analysis of the cat's oral pathologies.
- Develop specialized knowledge on Instrumentation and general equipment
- Determine differential diagnoses
- Generate advanced knowledge on antibiotics and antiseptic prescriptions
- Examine the specific and advanced treatments currently available

Module 3. Oral Cavity Surgery in Small Animals

- Develop specialist knowledge in the field of cheek and lip surgery.
- Recognize any pathology affecting the oral cavity and decide which diagnostic tests and treatment are most suitable
- Determine how to deal surgically with the most common tumours of the oral cavity
- Review the most common salivary gland surgery
- Precisely determine the surgical technique to be used for different mandibular/maxillary fractures
- Examine the temporomandibular joint and the pathologies that most frequently affect it



A path to achieve specialization and professional growth that will propel you towards a greater level of competitiveness in the labor market"





tech 14 | Course Management

Management



Mr. Saura Alfonseda, José María

- Bachelor's 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 Alfonso X El Sabio University (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

Mr. Carrillo Segura, Manuel

- Graduated in Veterinary Medicine from the Alfonso X El Sabio University of Madrid in 2017
- Rotational internship at the Majadahonda Veterinary Hospital (2017-2018
- Rotational internship master's degree (2018-2019) UAX Clinical Veterinary Hospital
- Master's Degree in Soft Tissue Surgery and Traumatology at the UAX Clinical Veterinary Hospital (2019-2022)
- Practical Teacher of the Degree in Veterinary Medicine at the Alfonso X El Sabio University, in the subject of Surgical Pathology and Surgery
- Currently, he is an outpatient veterinarian in different clinics in the Community of Madrid

Mr. Plaza del Castaño, Enrique

- Degree in Veterinary Medicine from the Cardenal Herrera-CEU University (Valencia) in 2008
- Director of the Anaesthesia and Analgesia Service at La Chopera Veterinary Hospital
- Specialist qualification in Anaesthesia and Analgesia in Small Animals (2016)
- Member of the Association of Spanish Veterinary Specialists in Small Animals (AVEPA)
- Member of the Spanish Society of Veterinary Anesthesia and Analgesia (SEAAV
- Member of the Working Group on Anaesthesia and Analgesia (GAVA)
- Master's Degree in Management and Conservation of Wildlife and Protected Areas, University of León



Course Management | 15 tech

Dr. Mena Cardona, Rafael

- Specialist in Veterinary Dentistry
- Veterinarian at Merevet Veterinary Clinic
- Degree in Veterinary Medicine from Cardenal Herrera University.

Dr. Oliveira Fernández, Andrea

- Veterinarian specialized in feline medicine
- Graduated in Veterinary Medicine at the University of Zaragoza
- Rotating internship in the referral hospital of the Veterinary Hospital Valencia Sur



Our teaching team will provide you with all their knowledge so that you are up to date with the latest information on the subject"





tech 18 | Structure and Content

Module 1. Dental and Oral Cavity Anatomy in Small Animals

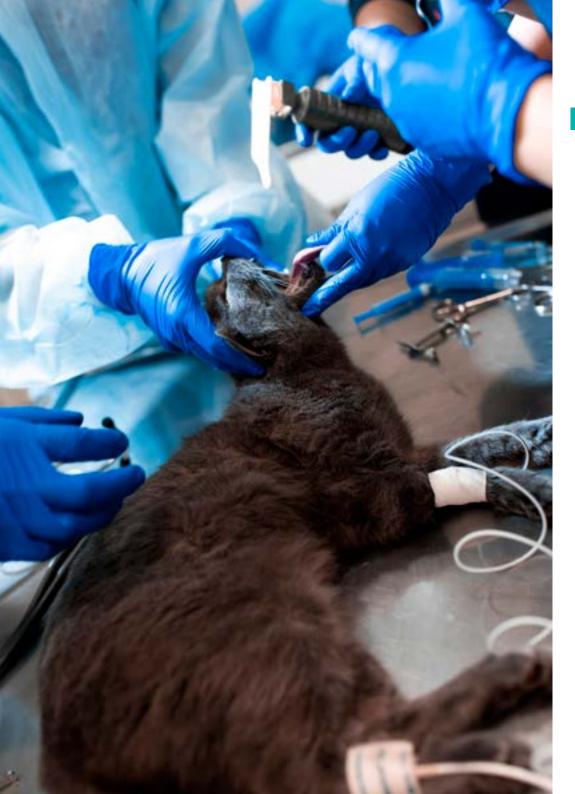
- 1.1. Embryology and Odontogenesis. Terminology
 - 1.1.1. Embryology
 - 1.1.2. Dental Rash
 - 1.1.3. Odontogenesis and the Periodontium
 - 1.1.4. Dental Terminology
- 1.2. The Oral Cavity. Occlusion and Malocclusion
 - 1.2.1. The Oral Cavity
 - 1.2.2. Occlusion in Dogs
 - 1.2.3. Occlusion in Cats
 - 1.2.4. Mandibular Prognathism
 - 1.2.5. Mandibular Brachycephalism
 - 1.2.6. Wry Bite
 - 1.2.7. Narrow Mandible
 - 1.2.8. Crossbite
 - 1.2.9. Malocclusion of the Canine Tooth
 - 1.2.10. Premolar and Molar Malocclusion
 - 1.2.11. Malocclusion Associated with Persistence of Primary Teeth
- 1.3. Dental Anatomy in the Dog
 - 1.3.1. Dental Formula
 - 1.3.2. Types of Teeth
 - 1.3.3. Dental Composition1.3.3.1. Enamel, Dentine, Pulp
 - 1.3.4. Terminology
- 1.4. Periodontal Anatomy in the Dog
 - 1.4.1. Gum
 - 1.4.2. Periodontal Ligament
 - 1.4.3. Cementum
 - 1.4.4. Alveolar Bone
- 1.5. Dental Anatomy in Cats
 - 1.5.1. Dental Formula
 - 1.5.2. Types of Teeth
 - 1.5.3. Dental Composition
 - 1.5.4. Terminology

- 1.6. Periodontal Anatomy in Cats
 - 1.6.1. Gum
 - 1.6.2. Periodontal Ligament
 - 1.6.3. Cementum
 - 1.6.4. Alveolar Bone
- .7. Bone and Joint Anatomy
 - 1.7.1. Cranium
 - 1.7.2. Facial Region
 - 1.7.3. Maxillary Region
 - 1.7.4. Mandibular Region
 - 1.7.5. Temporomandibular Joint
- 1.8. Muscular Anatomy
 - 1.8.1. Masseter Muscles
 - 1.8.2. Temporal Muscle
 - 1.8.3. Pterygoid Muscle
 - 1.8.4. Digastric Muscle
 - 1.8.5. Muscles of the Tongue
 - 1.8.6. Muscles of the Soft Palate
 - 1.8.7. Muscles of Facial Expression
 - 1.8.8. Head Fascia
- 1.9. Neurovascular Anatomy
 - 1.9.1. Motor Nerves
 - 1.9.2. Sensitive Nerves
 - 1.9.3. Brachiocephalic Trunk
 - 1.9.4. Common Carotid Artery
 - 1.9.5. External Carotid Artery
 - 1.9.6. Internal Carotid Artery
- 1.10. Anatomy of the Tongue, Palate, Lymphonodes and Glands
 - 1.10.1. Hard Palate
 - 1.10.2. Soft Palate
 - 1.10.3. Canine Tongue
 - 1.10.4. Feline Tongue
 - 1.10.5. Lymphonodes and Tonsils
- 10.6. Salivary Glands



Module 2. Dentistry in Feline Veterinary

- 2.1. General Basis of Feline Dentistry
 - 2.1.1. Introduction
 - 2.1.2. Dental Equipment
 - 2.1.2.1. Basic Equipment
 - 2.1.2.2. Specific Equipment
- 2.2. Materials and Instrumentation for Felines
 - 2.2.1. Basic Instruments
 - 2.2.2. Specific Instruments
 - 2.2.3. Fungibles
 - 2.2.4. Methods of Oral Impression Preparation
- 2.3. Oral Examination and Assessment of the Cat
 - 2.3.1. Medical History
 - 2.3.2. Oral Examination with the Patient Awake
 - 2.3.3. Oral Examination with Sedated or Anaesthetised Patient
 - 2.3.4. Registration and Odontogram
- 2.4. Periodontal Disease
 - 2.4.1. Gingivitis
 - 2.4.2. Periodontitis
 - 2.4.3. Pathophysiology of Periodontal Disease
 - 2.4.4. Gingival and Alveolar Bone Retraction
 - 2.4.5. Periodontal Profilaxia
 - 2.4.6. Periodontal Therapy
 - 2.4.7. Postoperative Care
- 2.5. Feline Oral Pathology
 - 2.5.1. Halitosis
 - 2.5.2. Dental Traumatism
 - 2.5.3. Cleft Palate
 - 2.5.4. Dental Fractures
 - 2.5.5. Oronasal Fistulas
 - 2.5.6. Temporomandibular Joint



tech 20 | Structure and Content

2.6.	Feline Gingivostomatitis		
	2.6.1.	Introduction	
	2.6.2.	Clinical Signs	
	2.6.3.	Diagnosis	
	2.6.4.	Complementary Tests	
	2.6.5.	Medical Treatment	
	2.6.6.	Surgical Treatment	
2.7.	Feline Dental Resorption		
	2.7.1.	Introduction	
	2.7.2.	Pathogenesis and Clinical Signs	
	2.7.3.	Diagnosis	
	2.7.4.	Complementary Tests	
	2.7.5.	Treatment	
	2.7.6.	Therapeutics	
2.8.	Dental Extraction		
	2.8.1.	Anatomical Concepts	
	2.8.2.	Indications	
	2.8.3.	Anatomical Particularities	
	2.8.3.	Surgical Technique	
	2.8.5.	Odontosection	
	2.8.4.	Flaps	
	2.8.5.	Post-Operative Treatment	
2.9.	Endodo	ontics	
	2.9.1.	Basis of Endodontics	
	2.9.2.	Specific Materials	
	2.9.3.	Indications	
	2.9.4.	Diagnosis	
	2.9.5.	Surgical Technique	
	2.9.6.	Postoperative Care	

2.9.7. Complications

2.10.	2.10.1. 2.10.2. 2.10.3. 2.10.4. 2.10.5.	facial Fractures Emergencies Stabilisation of the Patient Clinical Examination Treatment Therapeutics and Postoperative Care Complications
Mod	ule 3. (Oral Cavity Surgery in Small Animals
3.1.	3.1.1. 3.1.2. 3.1.3. 3.1.4. 3.1.5. 3.1.6.	I Pathology and Surgery of the Cheeks and Lips Chewing Injuries Lacerations Lip Avulsion Necrosis Cheilitis and Dermatitis Inappropriate Salivation Tight Lip Cleft Lip
3.2.	3.2.1. 3.2.2. 3.2.3. 3.2.4.	l Pathology and Tongue Surgery Congenital Disorders Infectious Disorders Trauma Miscellaneous Neoplasms and Hyperplastic Lesions
3.3.	3.3.1.	ryngeal Disorders Dysphagia Penetrating Wounds to the Pharynx
3.4.	3.4.1.	l Pathology of the Tonsils Tonsil Inflammation Tonsil Neoplasia

Structure and Content | 21 tech

		3.5.1.2. Cleft Palate
	3.5.2.	Acquired Defects of the Palate
		3.5.2.1. Oronasal Fistulas
		3.5.2.2. Trauma
3.6.	Surgica	l Pathology of the Salivary Glands in the Dog
	3.6.1.	Surgical Diseases of the Salivary Glands
		3.6.1.1. Sialocele
		3.6.1.2. Sialoliths
		3.6.1.3. Salivary Gland Neoplasia
	3.6.2.	Surgical Technique
3.7.	Oncolog	gical Surgery of the Oral Cavity in Dogs and Cats
	3.7.1.	Sample Collection
	3.7.2.	Benign Neoplasms
	3.7.3.	Malignant Neoplasms
	3.7.4.	Surgical Treatment
3.8.	Surgical Pathology of the TMJ	
	3.8.1.	Temporomandibular Joint Dysplasia
	3.8.2.	Fractures and Dislocations
3.9.	. Introduction to Jaw Fractures	
	3.9.1.	Principles of Fracture Repair
	3.9.2.	Biomechanics of Jaw Fractures
	3.9.3.	Techniques in the Treatment of Fractures
3.10.	10. Mandibular Fractures in the Dog and Cat	
	3.10.1.	Fractures of the Jaw
	3.10.2.	Fractures of the Maxillofacial Region
	3.10.3.	Common Problems in Fracture Repair
	3.10.4.	Most Frequent Post-Surgical Complications

3.5. Surgical Pathology of the Palate

3.5.1. Congenital Defects of the Palate 3.5.1.1. Cleft Lip



Make the most of the opportunity and take the step to get up to date on the latest developments in Felines Dentistry and Oral Surgery "





tech 24 | Methodology

At TECH, we use the Case Method

What should a professional do in a given situation? Throughout the program you will be presented with multiple simulated clinical cases based on real patients, where you will have to investigate, establish hypotheses and, finally, resolve the situation. There is an abundance of scientific evidence on the effectiveness of the method. Specialists learn better, faster, and more sustainably over time.

With TECH you will experience a way of learning that is shaking the foundations of traditional universities around the world.



According to Dr. Gérvas, the clinical case is the annotated presentation of a patient, or group of patients, which becomes a "case", an example or model that illustrates some peculiar clinical component, either because of its teaching power or because of its uniqueness or rarity. It is essential that the case is based on current professional life, in an attempt to recreate the actual conditions in a veterinarian's professional practice.



Did you know that this method was developed in 1912, at Harvard, for law students? The case method consisted of presenting students with real-life, complex situations for them to make decisions and justify their decisions on how to solve them. In 1924, Harvard adopted it as a standard teaching method.

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

- 1. Veterinarians who follow this method not only manage to assimilate concepts, but also develop their mental capacity through exercises to assess 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.** 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 program.



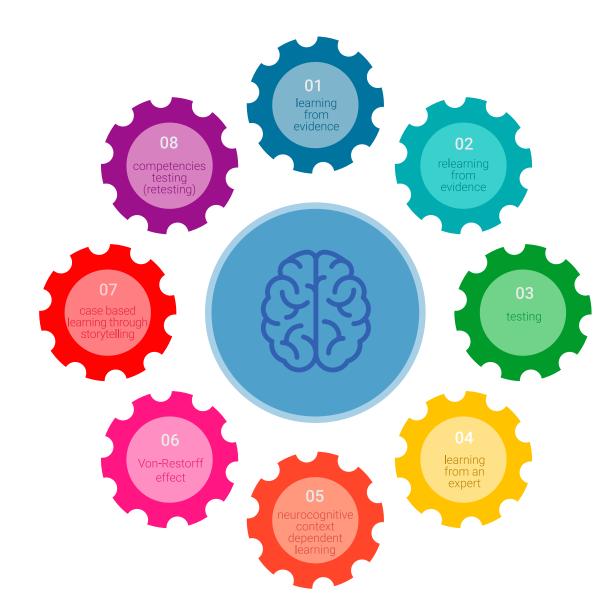


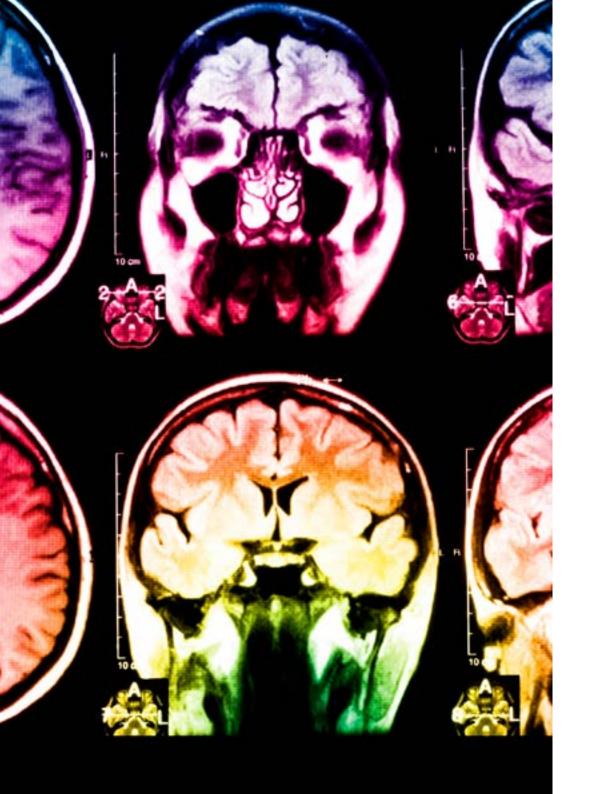
Relearning Methodology

At TECH we enhance the Harvard case method with the best 100% online teaching methodology available: *Relearning*.

This university is the first in the world to combine the study of clinical cases with a 100% online learning system based on repetition, combining a minimum of 8 different elements in each lesson, a real revolution with respect to the mere study and analysis of cases.

Veterinarians will learn through real cases and by resolving complex situations in simulated learning environments. These simulations are developed using state-of-the-art software to facilitate immersive learning.





Methodology | 27 tech

At the forefront of world teaching, the *Relearning* method has managed to improve the overall satisfaction levels of professionals who complete their studies, with respect to the quality indicators of the best online university (Columbia University).

With this methodology more than 65,000 veterinarians have been prepared with unprecedented success in all clinical specialties, regardless of the surgical load. Our educational methodology is developed in a highly competitive environment, with a university student body with a strong socioeconomic profile and an average age of 43.5 years old.

Relearning will allow you to learn with less effort and better performance, involving you more in your education, 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 adapted in 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

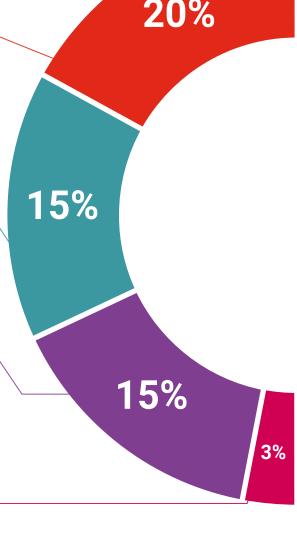
TECH introduces students to the latest techniques, the latest educational advances and to the forefront of current and procedures of veterinary techniques. All of this in direct contact with students and explained in detail so as to aid their assimilation and understanding. And best of all, you can watch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



Testing & Retesting

We periodically assess and re-assess students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.

and direct way to achieve the highest degree of understanding.



Classes

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

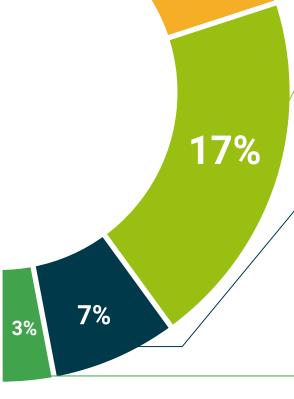




Quick Action Guides

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.





20%





tech 32 | Certificate

This private qualification will allow you to obtain a **Postgraduate Diploma in Feline Dentistry and Oral Surgery** 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 Diploma in Feline Dentistry and Oral Surgery

Modality: online

Duration: 6 months.

Accreditation: 18 ECTS



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

Postgraduate Diploma in Feline Dentistry and Oral Surgery

This is a private qualification of 150 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



^{*}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.

health confidence people
education information tutors
guarantee accreditation teaching
institutions technology learning



Postgraduate Diploma Feline Dentistry and Oral Surgery

- » Modality: Online
- » Duration: 6 months.
- » Certificate: TECH Global University
- » Accreditation: 18 ECTS
- » Schedule: at your own pace
- » Exams: online

