

Postgraduate Certificate

Swine Production and Health





Postgraduate Certificate

Swine Production and Health

- » Modality: online
- » Duration: 12 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: www.techtitute.com/veterinary-medicine/postgraduate-certificate/swine-production-health

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01

Introduction

This course in Swine Production and Health focuses on porcine livestock, an area that has undergone enormous technological development in recent decades, moving from small family farms to highly specialized production systems with highly specialized farms. Likewise, and given the economic importance within the Spanish livestock production, it provides a broad vision of the Iberian pork sector, whose production is linked to the sustainable use of natural resources.

A high-quality program that will drive you to the highest levels of competence in the industry.





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A complete and total update in Swine Production and Health with the most complete and effective training program on the online educational market"

The globalization that has emerged in recent years and its relationship with animal health and, therefore, with public health, is a topic of worldwide interest. The increase in international trade and structural changes in the State have favored the emergence and spread of global health phenomena that represent risks, challenges and opportunities for producers and consumers. This in turn has posed serious challenges for health agencies, professionals and educational institutions.

With this training, the professional will be able to identify those processes related to the public health impacts of veterinary medicine (such as zoonotic diseases and antibiotic resistance) and food safety.

The student will develop specialized knowledge of the documentation that the competent authorities need to be notified of and the procedure for sample collection and the operation of reference laboratories. Lastly, they will analyze the new challenges and advances in terms of animal health.

The Swine Production and Health Course requires a high standard of sanitation. Advances in swine production have always evolved in parallel with improvements in animal health.

In spite of the important results achieved in disease control and prevention, there are still sanitary problems in the swine production sector that require a therapeutic solution. The industry continues to be threatened by new or re-emerging diseases, which is why the use of antibacterial treatments is still a necessary tool in pig farming today.

However, disease control must be carried out in an integrated manner, on several fronts, such as hygienic measures for cleaning and disinfection, vector control, stress-free animal management, personnel hygiene, visitor control, animal quarantine, isolation and protection of buildings, sanitary vacuum, etc.

The curriculum provides a solid and up-to-date training in Swine Production and Health, enabling them to successfully address the work of veterinary specialist in companies and industries engaged in swine production.

Through studying this course, the student will gain satisfaction in being able to apply the theoretical knowledge they acquired in concrete practical cases.

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

- ◆ 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.
- ◆ Self-regulating 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 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.



Join the elite, with this highly effective training training and open new paths to help you advance in your professional progress"



A complete training program that will allow you to acquire the most advanced knowledge in all the areas of intervention of a specialized veterinarian"

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 develop the theoretical knowledge in an efficient way, but above all, they will bring their practical knowledge from their own experience to the course: one of the differential qualities of this training.

The efficiency of the methodological design of this Professional Master's Degree, enhances the student's understanding of the subject. 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.

With the experience of working professionals and the analysis of real cases of success, in a high-impact training approach.

With a methodological design based on proven teaching techniques, this innovative course will take you through different teaching approaches to allow you to learn in a dynamic and effective way.

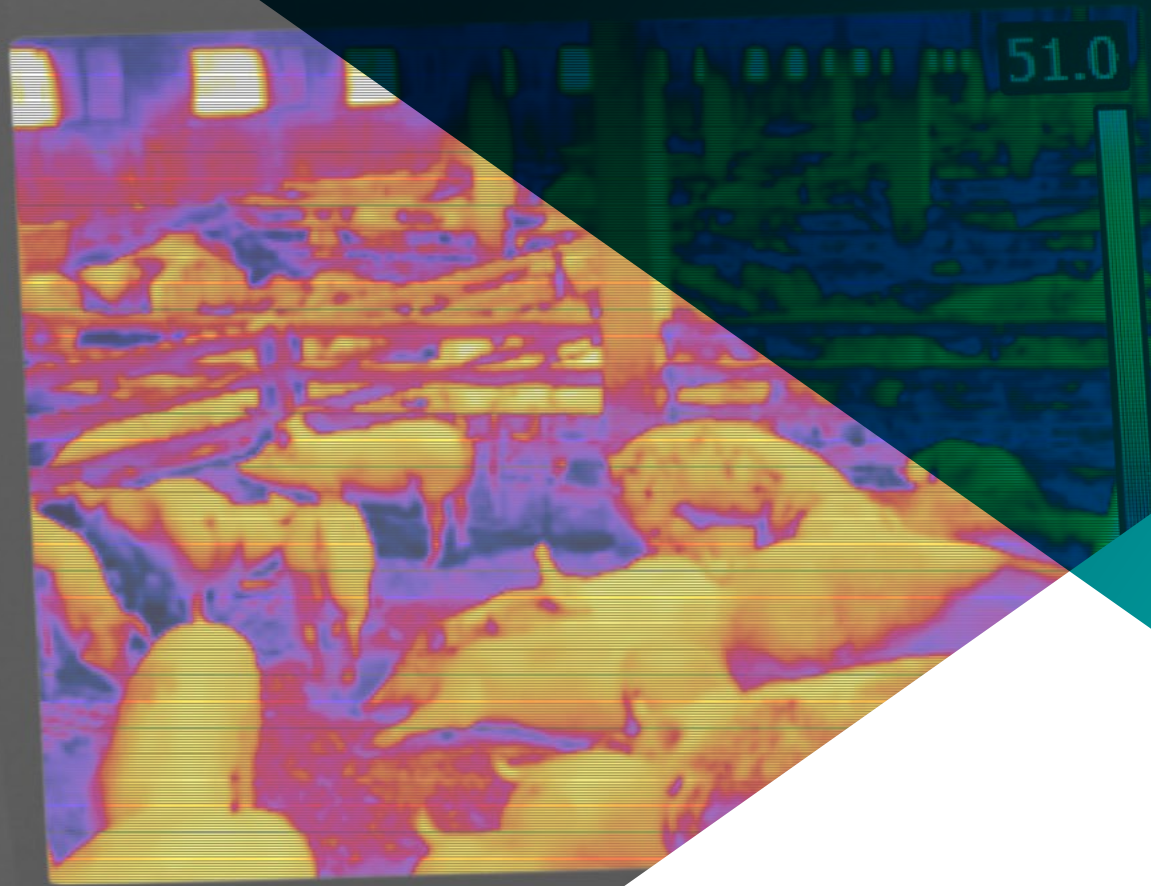


02

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 materialized in helping professionals to reach a much higher level of competence and control. A goal that, in just a few months you will be able to achieve, with a high intensity and effective training.





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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

- ♦ Develop specialized knowledge in the field of Animal Production and Health.
- ♦ Analyze the impact of livestock production on public health.
- ♦ Examine the concept of Globalization.
- ♦ Justify the term "One Health" and its relationship with veterinary medicine.
- ♦ Analyze which are the competent authorities from the veterinarian's point of view.
- ♦ Specify which communications should be made to the competent authorities.
- ♦ Develop advanced training in the field of Swine Production and Health.
- ♦ Integrate knowledge to address real problems and propose models and solutions in an efficient, effective, reasoned, and correct way.
- ♦ Have specialized technical support, which allows to be an added value in each farm that is advised.
- ♦ Control or eradicate diseases with economic repercussions.



Specific Objectives

Module 1. Important Aspects of Animal Production and Health

- ♦ Determine the biosecurity measures in livestock production.
- ♦ Analyze the veterinary controls to be carried out at border crossings.
- ♦ Identify zoonotic diseases and their communication to the authorities.
- ♦ Classify antibiotics according to their group of use in animals within the framework of antibiotic resistance.
- ♦ Determine the competent bodies in the field of animal health.
- ♦ Specify which notifications should be made to the competent authority and in what form.
- ♦ Analyze the different animal identification systems depending on the species involved.
- ♦ Develop specialized knowledge on livestock diseases whose declaration is mandatory.
- ♦ Examine the existing novelties in animal health and the perspectives of the sector.



Module 2. Swine Production and Health

- ♦ Analyze and apply, autonomously, the concepts, tools and management related to Swine Health.
- ♦ Diagnose and define with certainty the etiology of the pathology, pathophysiological mechanisms of the main diseases affecting swine.
- ♦ Propose diagnostic methods, treatments within the legal framework, and prevention methods related to swine health.
- ♦ Improve facilities, management, and feeding, in order to obtain maximum productive performance.
- ♦ Guide and demonstrate that animal welfare conditions at all stages allow a higher performance in swine production.
- ♦ Design farms, minimizing the negative impact on the environment.
- ♦ Identify opportunities for improvement on farms and replicate the knowledge to people working in swine farming.

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

03

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.





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Leading professionals in the field have come together to teach you the latest advances in Swine Production and Health”

Management



Dr. Ruiz Fons, José Francisco

- ♦ PhD from UCLM 2006.
- ♦ Degree in Veterinary Medicine (2002) from the University of Murcia
- ♦ Member of the Spanish Society for the Conservation and Study of Mammals (SECEM) and the Wildlife Disease Association (WDA).
- ♦ Contracted Predoctoral FPU (2007) of the Ministry of Education and Science at the Institute of Research in Hunting Resources IREC (CSIC-UCLM-JCCM)
- ♦ Postdoctoral contract JCCM and Carlos III Institute of Health at The James Hutton Institute (Aberdeen, Scotland; 01.07.2007-31.08.2008) and at Neiker-Tecnalia (Derio, Biscay; 01.09-2008-31.08.2010), respectively.
- ♦ Contracted JAE-DOC CSIC at IREC (2010 to 2011)
- ♦ Supervision of 11 Master's Theses, 3 final Degree theses, 2 Doctoral Theses and 5 Doctoral Theses currently in progress.
- ♦ Lecturer in Animal Health, Epidemiology, Prevention, and Control of Diseases shared between Dogs, Cats, and Other Species and Livestock in the UCLM Professional Master's Degree "Basic and Applied Research in Hunting Resources" in the last 12 years.
- ♦ Lecturer in Professional Master's Degree in "Animal Medicine, Health, and Improvement" at the University of Cordoba in 2015-16. He has been invited speaker in more than 30 specialization courses for veterinarians, farmers, hunters, and public administration staff, and in conferences and seminars on aspects of the Health of Wild Species and Global Health.

Professors

Dr. García Sánchez, Juan

- ♦ PhD in Veterinary Medicine (2002) Faculty of Veterinary Medicine, University of Extremadura, Cáceres (Spain).
- ♦ Degree in Veterinary Medicine (1991) specializing in Animal Medicine and Health. Faculty of Veterinary Medicine of Cáceres, University of Extremadura. Degree in Biochemistry (2001), University of Extremadura.
- ♦ University Expert Course "Statistics applied to Health Sciences" (UNED) (500 teaching hours). Professional Master's Degree in Environmental Management (500 teaching hours).
- ♦ Grant holder at the University of Extremadura, under the research project of the European Union INCO-DC program "Genetic and Immunological control on dermatophilosis" (1998-2001)
- ♦ Associate Professor in the subjects of Infectious Diseases, Epidemiology, and Clinical Analysis, in the Department of Animal Medicine and Health of the Faculty of Veterinary Medicine of Cáceres, UEX until 2002.
- ♦ Postdoctoral Contract at the Moredun Research Institute, Edinburgh, Scotland, United Kingdom (2002-2005).
- ♦ Postdoctoral Contract in the Cancer Research Center of Salamanca (April - Nov 2005) Laboratory 20 Molecular Pathology

Gómez García, Andrea

- ♦ Graduada en Veterinaria por la Universidad de Zaragoza
- ♦ Master in Swine Health and Production by the University of Lérida
- ♦ Part of the Technical - Commercial team at Alternative Swine Nutrition (ASN)

Gómez Gómez, Francisco Javier

- ♦ Swine Technical Manager at Laboratorios Maymó
- ♦ Degree in Veterinary Medicine from the University of Extremadura and Master's Degree in Sales and Marketing Management from EAE Business School
- ♦ Technician in charge of Farms or as External Advisor to Swine veterinarians
- ♦ Member of Porcine Sanitary Defence Group in the province of Salamanca
- ♦ Technical-economic Manager of Farms in all the productive phases of the sector in Inga Food
- ♦ Teacher of External Practices of the Department of Animal Health of the Complutense University of Madrid.
- ♦ Pig commercial technician in Ecuphar Veterinaria

Dr. Risco Pérez, David

- ♦ David Risco Pérez: PhD in Veterinary Medicine from the University of Extremadura. His Doctoral Thesis entitled "Characterization of Infectious Processes in Wild Boars in Southwestern Spain" was awarded the Extraordinary Doctoral Prize of the University of Extremadura.
- ♦ Syva Award for the best Thesis in Animal Health in 2015.
- ♦ Postdoctoral training at the University of Aveiro (Portugal).
- ♦ Researcher of the Torres Quevedo Program, co-funded by the Ministry of Economy and Competitiveness (Ref.PTQ-14-06663), whose work has been developed at the Innovation in Management and Conservation of Ungulates S.L. Company
- ♦ Administrator of Neobeitar S.L., a recently created company dedicated to Laboratory Diagnosis, Veterinary Technical Consultancy, and Innovation in Animal Health.

Dr. Sarmiento, Ainhoa

- ♦ Veterinarian. Responsible for the Nutrition Department (03-17/currently). Casaseca Livestock 2010, SLU. Functions Development and formulation of diets for Iberian Swine.
- ♦ Responsible for the Antibiotic Reduction Program and Animal Welfare. Management of Productive Data of Fattening and Mothers (Pigchamp)
- ♦ Elaboration of Projects. R&D&I Management. Collaborative Researcher (09/17-Currently)
- ♦ Faculty of Agricultural and Environmental Sciences and Polytechnic School of Zamora. University of Salamanca Functions: Participation in Projects, Papers and Communications to Congresses. Analysis of Production and Meat Quality Data

Sánchez Tarifa, Eugenio

- ♦ Veterinary Technical Advisor, Boehringer-Ingelheim Animal Health Spain, s.A.U. Sanitary and Productive Veterinary Consultancy for Swine Companies and Farms
- ♦ Veterinary Technical Service, Ingafood, S.A. Sanitary and Productive Management of Swine Farms in Integration
- ♦ Veterinarian, Veterinary Clinic La Paz
- ♦ Veterinarian in Small Animal Clinic

Dr. Limón Garduza, Rocío Ivonne

- ♦ Quality Inspector and Bromatological Expertise at Just Quality System S.L.
- ♦ Responsible for Quality Management and Project Development at KMC, Majadahonda. Madrid
- ♦ Head of the Quality Control Department at Frutas Garralón Imp-Exp, S.A. Mercamadrid. Madrid
- ♦ PhD in Agricultural Chemistry and Bromatology (Universidad Autónoma de Madrid)
- ♦ Master in Food Biotechnology (MBTA). University of Oviedo
- ♦ Food Engineer, Bachelor in Food Science, and Technology (CYTA)
- ♦ Expert in Food Quality Management ISO 22000
- ♦ Specialist in Food Quality and Safety, Mercamadrid Training Center (CFM)





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An impressive teaching staff, made up of professionals from different areas of expertise, will be your teachers during your training: a unique opportunity not to be missed”

04

Structure and Content

The contents have been developed by different experts, with a clear purpose: to ensure that our students acquire each and every one of the skills necessary 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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A comprehensive teaching program, structured in well-developed teaching units, oriented towards learning that is compatible with your personal and professional life"

Module 1. Important Aspects of Animal Production and Health

- 1.1. Animal Production
 - 1.1.1. Introduction
 - 1.1.2. Current Situation of the Sector
 - 1.1.3. Role of the Veterinarian
- 1.2. Animal Production Systems
 - 1.2.1. Intensive
 - 1.2.2. Alternative Systems.
 - 1.2.2.1. Extensive Production
 - 1.2.2.2. Ecological Production
- 1.3. Livestock Production
 - 1.3.1. Biosecurity Measures
 - 1.3.2. Vaccination and Treatment Plans
- 1.4. Health in the Livestock Sector
 - 1.4.1. Concept of Animal Health
 - 1.4.2. Animal Identification Systems
 - 1.4.3. Movements of Animals For Slaughter
- 1.5. Animal Welfare
 - 1.5.1. Current Situation
 - 1.5.2. Animal Welfare Measures
- 1.6. Impacts of Livestock Production on Public Health
 - 1.6.1. Concept of One Health
 - 1.6.2. Zoonotic Diseases
 - 1.6.2.1. Main Zoonotic Diseases
 - 1.6.2.2. Declaration to the Competent Authority
 - 1.6.3. Resistance to Antibiotics
 - 1.6.2.1. Importance of Antibiotic Resistance
 - 1.6.2.2. Categorization of Antibiotics from the Point of View of their Use in Animals
- 1.7. Impact of Animal Production on Food Safety
 - 1.7.1. Food Safety.
 - 1.7.2. Major Foodborne Diseases
 - 1.7.3. Declaration



- 1.8. Notifiable Diseases of Livestock.
 - 1.8.1. Introduction
 - 1.8.2. Main Diseases
 - 1.8.3. Notification
- 1.9. Competent Veterinary Medicine and Animal Health Authorities
 - 1.9.1. Introduction
 - 1.9.2. National Veterinary Corps
 - 1.9.3. Regional Offices and Veterinary Units
- 1.10. Reference Laboratories
 - 1.10.1. Introduction
 - 1.10.2. Sensitivity and Specificity
 - 1.10.3. Sample Collection Tables
- 2. 4. Main Infectious Diseases (II)
 - 2.4.1. Porcine Respiratory Complex
 - 2.4.2. Pneumonia in Swine Zootics (PNE)
 - 2.4.3. Porcine Reproductive and Respiratory Syndrome (PRRS).
 - 2.4.4. Glasser's Disease
 - 2.4.5. Porcine Pleuropneumonia (PP)
 - 2.4.6. Swine Influenza or Swine Flu
 - 2.4.7. Pasteurellosis
 - 2.4.7.1. Pneumonic Processes
 - 2.4.7.2. Porcine Atrophic Rhinitis (AR)
- 2.5. Main Infectious Diseases (III). Digestive Pathologies
 - 2.5.1. Hemorrhagic Dysentery
 - 2.5.1.1. Etiology
 - 2.5.1.2. Pathogenesis
 - 2.5.1.3. Diagnosis
 - 2.5.1.4. Treatment.
 - 2.5.1.5. Practical Aspects.
 - 2.5.2. Proliferative Ileitis
 - 2.5.2.1. Etiology
 - 2.5.2.2. Pathogenesis
 - 2.5.2.3. Diagnosis
 - 2.5.2.4. Treatment.
 - 2.5.2.5. Practical Aspects.
 - 2.5.3. Colibacillosis
 - 2.5.3.1. Etiology
 - 2.5.3.2. Pathogenesis
 - 2.5.3.3. Diagnosis
 - 2.5.3.4. Treatment.
 - 2.5.3.5. Practical Aspects.

Module 2. Swine Production and Health

- 2.1. Installations in Swine Farms
 - 2.1.1. External Biosafety Common on all Farms
 - 2.1.2. Breeder Farm
 - 2.1.3. Weaning Farm
 - 2.1.4. Fattening Farm
- 2.2. Management in Swine Production
 - 2.2.1. Management Related to Breeders
 - 2.2.2. Management Related to Weaned Piglets
 - 2.2.3. Management Related to Fattening Pigs
- 2.3. Main Infectious Diseases (I)
 - 2.3.1. Diseases producing Systemic Symptomatology
 - 2.3.1.1 African Swine Fever (ASF)
 - 2.3.1.2. Diseases associated with Porcine Circovirus Type 2
 - 2.3.1.2.1. Post-weaning Multisystemic Wasting Syndrome (PMWS).
 - 2.3.1.2.2. Proliferative Necrotizing Pneumonia (PNP) or Lung Disease.
 - 2.3.1.2.3. Enteritis or Enteric Disease
 - 2.3.1.2.4. Dermatitis and Nephropathyporcine Syndrome (PDNS).
 - 2.3.1.3. Red Disease
 - 2.3.1.4. Sudden Death due to Clostridium Novyi Types A and B

- 2.5.4. Clostridiosis
 - 2.5.4.1. Etiology
 - 2.5.4.2. Pathogenesis
 - 2.5.4.3. Diagnosis
 - 2.5.4.4. Treatment.
 - 2.5.5.5. Practical Aspects.
- 2.5.5. Salmonellosis
 - 2.5.5.1. Etiology
 - 2.5.5.2. Pathogenesis
 - 2.5.5.3. Diagnosis
 - 2.5.5.4. Treatment.
 - 2.5.5.5. Practical Aspects.
- 2.6. Frequent Causes of Reproductive Failure in Sows
 - 2.6.1. Causes of Infectious Origin
 - 2.6.1.1. Bacteria
 - 2.6.1.1.1. Leptospira Interrogans
 - 2.6.1.1.2. Brucella Suis
 - 2.6.1.1.3. Chlamydias
 - 2.6.1.1.4. Dirty Sow Syndrome (SCS)
 - 2.6.1.2. Virus
 - 2.6.1.2.1. Porcine Reproductive and Respiratory Syndrome (PRRS).
 - 2.6.1.2.2. Porcine Parvovirus (PPV).
 - 2.6.1.2.3. Porcine Circovirus Type 2 (PCV 2).
 - 2.6.1.2.4. Aujeszky's Disease Virus (ADV).
 - 2.6.2. Causes of Non-infectious Origin Associated with:
 - 2.6.2.1. Breeder Management
 - 2.6.2.1.1. Replenishment
 - 2.6.2.1.2. Estrus Detection
 - 2.6.2.1.3. Seminal Quality
 - 2.6.2.2. Environments and Facilities
 - 2.6.2.3. Food
- 2.7. Main Parasitic Diseases
 - 2.7.1. Internal Parasites
 - 2.7.1.1. Digestive Parasites
 - 2.7.1.1.1. Roundworms: Ascarissuum
 - 2.7.1.1.2. Whipworms: Trichurissuis
 - 2.7.1.1.3. Red Stomach Worms: Hyostrongylusrubidus
 - 2.7.1.1.4. Nodular Worms: Oesophagostomumdendum
 - 2.7.1.1.5. Thread worms: Strongyloidesransomi
 - 2.7.1.2. Pulmonary Parasites
 - 2.7.1.2.1. Lung Worms: Metastrongylusapri
 - 2.7.2. External Parasites
 - 2.7.2.1. Scabies
 - 2.7.2.2. Lice
 - 2.7.3. Other Parasitic Diseases
 - 2.7.3.1. TRICHINELLOSIS: Trichinellaspiralis



- 2.8. Sanitary Actions (I)
 - 2.8.1. Diagnosis of Sanitary Problems in Farms.
 - 2.8.2. Regulated Necropsy and Interpretation of Lesions.
 - 2.8.3. Sampling and Sending to Diagnostic Laboratory.
 - 2.8.4. Interpretation of Laboratory Results.
- 2.9. Sanitary Actions (II)
 - 2.9.1. Disease Control Strategies
 - 2.9.2. Vaccination Plans
 - 2.9.3. Antibiotic Treatments.
 - 2.9.4. Alternative Treatments
- 2.10. Food Safety and Environmental Management
 - 2.10.1. Food Safety and Feed Hygiene
 - 2.10.1.1. Regulation (EC) 183/2005
 - 2.10.1.2. Quality Plan
 - 2.10.1.3. Cleaning and Disinfection Plan
 - 2.10.2. Waste Management
 - 2.10.2.1. Slurry Management Plan
 - 2.10.2.2. On-Farm Gas Production

05

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.





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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.

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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 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.

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

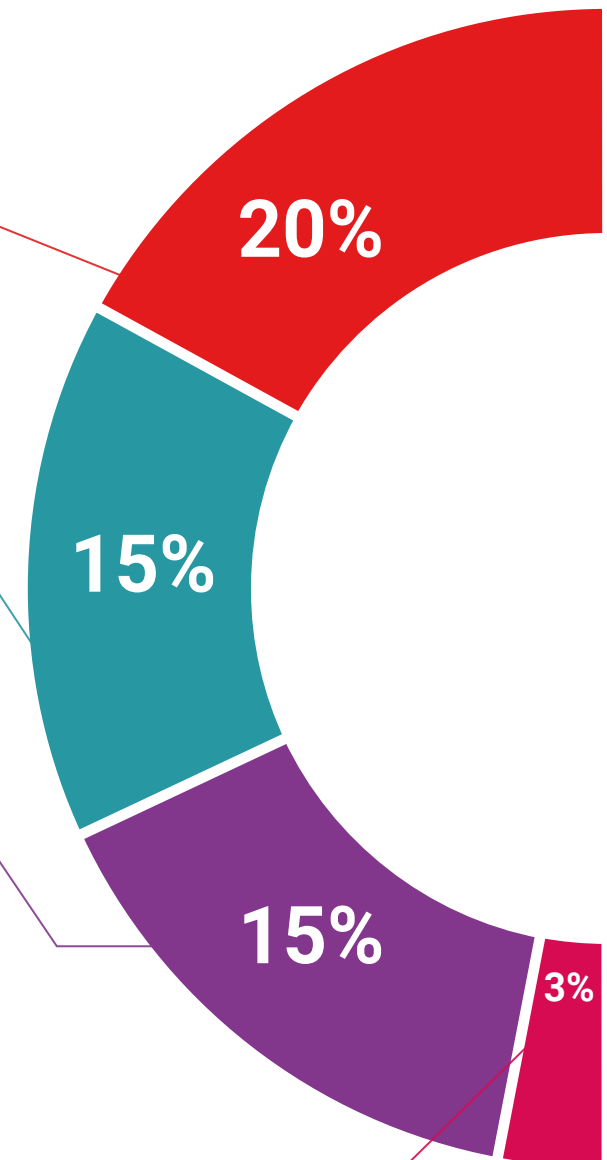
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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.





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 difficult future 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.



06

Certificate

Through a different and stimulating learning experience, you will be able to acquire the necessary skills to take a big step in your training. An opportunity to progress, with the support and monitoring of a modern and specialized university, which will propel you to another professional level.





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Include in your training a Postgraduate Certificate in Swine Production and Health: a highly qualified added value for any professional in this area"

This Postgraduate Certificate in Swine Production and Health contains the most complete and up-to-date scientific program on the market.

After students have passed the assessments, they will receive by certified mail* their Postgraduate Certificate issued by TECH Technological University.

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

Title: Postgraduate Certificate in Swine Production and Health

ECTS: 12

Official Number of Hours: 300



*Apostille Convention. In the event that the student wishes to have their paper diploma issued with a Hague 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
development lang
classroom



Postgraduate Certificate Swine Production and Health

- » Modality: online
- » Duration: 12 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate

Swine Production and Health

