

# Postgraduate Certificate

## Pig Farming in Extensive Systems





## Postgraduate Certificate Pig Farming in Extensive Systems

- » Modality: online
- » Duration: 6 weeks
- » Certificate: TECH Technological University
- » Dedication: 16h/week
- » Schedule: at your own pace
- » Exams: online

Website: [www.techtitute.com/in/veterinary-medicine/postgraduate-certificate/pig-farming-extensive-systems](http://www.techtitute.com/in/veterinary-medicine/postgraduate-certificate/pig-farming-extensive-systems)

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# 01

# Introduction

Pork production is of great importance in many countries and cultures where pork products are consumed. It represents great economic importance within the primary sector.

This program aims to study in depth all aspects of extensive pig farming in such a way that it serves as a starting point in their professional activity or as a great opportunity to increase the level of specialization of those who are already incorporated in this sector.





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*We offer you the most comprehensive program on the market to bring extensive livestock management to the same level as clinical and sanitary practice, offering your clients the highest quality in both services”*

The Postgraduate Certificate in Pig Farming in Extensive Systems has a comprehensive program that covers the broadest spectrum of species and breeds used in Animal Production in Extensive Systems. Not only is in-depth and specialized attention paid to the most common productions, but also to other much less common but highly relevant productions, which demand a greater degree of specialization from professionals in the area.

Likewise, the degree of knowledge and professional experience of the program's professors allows them to deal with very specific productions, where it is very difficult to access levels of specialization, except for the small number of people who have had the opportunity to develop their knowledge within the scope of this type of livestock farming.

This program is the most specialized since the development of each subject is structured according to the knowledge and experience of the teaching team, avoiding generalist voluntarism which, although it can provide acceptable global visions, lacks the capacity to study in depth each and every one of the subjects that need to be addressed with the highest quality.

The high levels of knowledge provided by the faculty in the areas of economics, genetics and animal breeding contribute decisively to consolidate and expand knowledge in two areas that are absolutely fundamental to achieve success in the management of extensive livestock production.

This **Postgraduate Certificate in Pig Farming in Extensive Systems** contains the most complete and up-to-date scientific program on the market. The most important features of the program include:

- ♦ Case studies presented by experts in the management of veterinary centers
- ♦ The graphic, schematic, and practical contents with which they are created, provide scientific and practical information on the disciplines that are essential for professional development
- ♦ New developments in Pig Farming in Extensive Systems
- ♦ Practical exercises where self-assessment can be used to improve learning
- ♦ Special emphasis on innovative methodologies in Pig Farming in Extensive Systems
- ♦ 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



*Immerse yourself in this high-quality education, which will allow you to face the future challenges of Pig Farming in Extensive Systems”*

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*This Postgraduate Certificate is the best investment you can make in selecting a refresher program to update your knowledge in Pig Farming in Extensive Systems”*

It includes, in its teaching staff, professionals belonging to the field of extensive livestock farming, who contribute to this training the experience of their work, in addition to recognized specialists from leading societies and prestigious 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 specialization programmed to learn in real situations.

This program is designed around Problem-Based Learning, whereby the specialist must try to solve the different professional practice situations that arise throughout the program. To do so, the professional will be assisted by an innovative interactive video system created by recognized experts in Extensive Livestock Management.

*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 increasing your knowledge in this field.*



# 02 Objectives

The Postgraduate Certificate in Pig Farming in Extensive Systems is oriented to facilitate the performance of the veterinary professional with the latest advances and newest treatments in the sector.







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*Our goal is to achieve academic excellence and to help you achieve professional success as well”*



## General Objectives

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- ♦ Study Iberian swine and other extensive swine productions in depth
- ♦ Delve deeper into the racial basis used
- ♦ Analyze the existing production systems both in Spain and in other countries, giving great importance to the production of the Iberian pig
- ♦ Develop the necessary knowledge for the management of an extensive pig farm

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*Take the opportunity and take the step to get up to date on the latest developments in Pig Farming in Extensive Systems”*





## Specific Objectives

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- ♦ Analyze the situation of the sector
- ♦ Further investigate the selection of breeding stock and breeding techniques for extensive pig breeding
- ♦ Develop the production cycle from the beginning to the end, paying special attention to the critical points of the cycle
- ♦ Expand knowledge of animal handling and well-being
- ♦ Examine the most frequent pathologies in extensive swine and develop preventive health plans
- ♦ Evaluate nutritional programs and analyze by phases the nutritional requirements of extensive swine
- ♦ Analyze the legislation covering extensive pig farming and the biosecurity required on their farms

03

# Course Management

The program's teaching staff includes leading experts in extensive livestock farming, who bring the experience of their work to this education. They are world-renowned experts from different countries with proven theoretical and practical professional experience.





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*We have the best teaching team in the field of extensive livestock farming, with years of experience and determined to transmit all their knowledge about this sector”*

## Management



### Dr. Rodríguez Montesinos, Adolfo

- ♦ PhD and Degree in Veterinary Medicine from the Complutense University of Madrid
- ♦ Graduated in Veterinary Medicine in 1979 with the qualification of Outstanding at the Complutense University of Madrid, subsequently carrying out the corresponding doctoral studies, finishing them with the reading of the Doctoral Thesis in 1992, qualified as Apto cum Laude
- ♦ Journalist Registered with the Federation of Press Associations and the Press Association of Madrid
- ♦ Coordinating Professor of Animal Production (Third year of the Veterinary Degree) and Ethnology (Second Postgraduate Certificate of the Veterinary Degree) at the Alfonso X El Sabio University from 2009 to the present
- ♦ Director of Final Degree Projects at Universidad Alfonso X El Sabio
- ♦ Training Coordinator, Director and Professor of Postgraduate Courses organized by the General Council of Veterinary Associations of Spain, for veterinarians on the fighting bull and expertise in bullfighting shows, taught in more than 200 editions from 1987 to the present



## Professors

### Dr. Moreno López, Marcos

- ◆ Graduated in Veterinary Medicine from Alfonso X El Sabio University in 2016
- ◆ Professional Master's Degree in Animal Production and Health by the Complutense University of Madrid in collaboration with the Polytechnic University of Madrid in 2017
- ◆ Associate Professor since 2019 at the University Alfonso X El Sabio (Spain) in the subject of Ethnology and business management in veterinary field
- ◆ His professional career is focused on large animal production and clinical practice, ranging from surgery to reproduction
- ◆ Manages several livestock operations
- ◆ He works as a veterinary technician for the Stud Book of the Asociación de Ganaderías de Lidia

# 04

# Structure and Content

The contents have been designed and structured by the best professionals in Pig Farming in Extensive Systems, with a wide trajectory and recognized prestige in the profession, supported by the volume of cases reviewed and studied, and with a strong command of new technologies.







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

## Module 1. Iberian Swine and Other Extensive Swine Production

- 1.1. Introduction and Situation of the Sector
  - 1.1.1. Global Situation
  - 1.1.2. Situation Europe
  - 1.1.3. Situation in Spain
- 1.2. Racial Basis
  - 1.2.1. Pure Breeds
  - 1.2.2. Commercial Hybrids
- 1.3. Extensive Swine Production System
  - 1.3.1. Spain
  - 1.3.2. Other Countries
- 1.4. Type of Farms
  - 1.4.1. Iberian Pork
  - 1.4.2. Non-Iberian Pork
- 1.5. Breeders and Breeding Techniques
  - 1.5.1. Female Selection
  - 1.5.2. Covering of Females
  - 1.5.3. Gestation of Females
  - 1.5.4. Childbirth
  - 1.5.5. Selection and Final Destination of Males
- 1.6. Production Cycle
  - 1.6.1. Nursing
  - 1.6.2. Dairy
  - 1.6.3. Bait
  - 1.6.4. Finishing
- 1.7. Handling, Animal Well-Being and Facilities
  - 1.7.1. Extensive Swine Management
  - 1.7.2. Animal Well-Being in Extensive Swine Farms
  - 1.7.3. Pig Management Facilities for Extensive Swine Production
- 1.8. Nutrition and Phased Program
  - 1.8.1. General Aspects of Swine Nutrition
  - 1.8.2. Feeding of Breeding Sows and Boars
  - 1.8.3. Piglet Feeding
  - 1.8.4. Feeding in the Fattening Phase
  - 1.8.5. Feeding in the Finishing Phase
- 1.9. Health and Most Common Pathologies
  - 1.9.1. Health in Extensive Swine Farms
  - 1.9.2. Infectious Pathologies
  - 1.9.3. Parasitic Pathologies
  - 1.9.4. Pathologies Related to Nutrition
  - 1.9.5. Pathologies Derived from Handling
  - 1.9.6. Reproductive Pathologies
  - 1.9.7. Other Pathologies
- 1.10. Farm Legislation and Biosafety
  - 1.10.1. Pig Farm Legislation
  - 1.10.2. Regulations Governing Products Derived from Iberian Pork
  - 1.10.3. Regulations Governing Products Derived from Non-Iberian Pigs Farmed on an Extensive Regime
  - 1.10.4. Biosafety in Extensive Swine Farms



*This program will allow you to seamlessly advance in your career”*



# 05 Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning**.

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





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*Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"*

## At TECH we use the Case Method

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

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



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

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

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

1. Veterinarians who follow this method not only manage to assimilate concepts, but also develop their mental capacity through exercises to evaluate real situations and knowledge application
2. Learning is solidly translated into practical skills that allow the student to better integrate into the real world.
3. Ideas and concepts are understood more efficiently, given that the example situations are based on real-life.
4. The feeling that the effort invested is effective becomes a very important motivation for veterinarians, which translates into a greater interest in learning and an increase in the time dedicated to working on the course.



## Relearning Methodology

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

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



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



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

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

*Relearning will allow you to learn with less effort and better performance, involving you more in your training, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation for success.*

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

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



This program offers the best educational material, prepared with professionals in mind:



### Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



### Latest Techniques and Procedures on Video

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



### Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

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



### Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





#### Expert-Led Case Studies and Case Analysis

Effective learning ought to be contextual. Therefore, TECH presents real cases in which the expert will guide students, focusing on and solving the different situations: a clear and direct way to achieve the highest degree of understanding.



#### Testing & Retesting

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



#### Classes

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

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



#### Quick Action Guides

TECH offers the most relevant contents of the course in the form of worksheets or quick action guides. A synthetic, practical, and effective way to help students progress in their learning.



# 06 Certificate

The Postgraduate Certificate in Pig Farming in Extensive Systems guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Technological University.





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

This **Postgraduate Certificate in Pig Farming in Extensive Systems** contains the most complete and up-to-date scientific program on the market.

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

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

Title: **Postgraduate Certificate in Pig Farming in Extensive Systems**

Official N° of hours: **150 h.**



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

future  
health confidence people  
education information tutors  
guarantee accreditation teaching  
institutions technology learning  
community commitment  
personalized service innovation  
knowledge present  
development language  
virtual classroom



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

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