

Postgraduate Certificate Occupational Pathology





Postgraduate Certificate Occupational Pathology

Course Modality: **Online**

Duration: **6 weeks**

Certificate: **TECH Technological University**

6 ECTS Credits

Teaching Hours: **150 hours.**

Website: www.techtitute.com/medicine/postgraduate-certificate/occupational-pathology

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01

Introduction

Having knowledge of the pathologies that can affect professionals in the course of their daily work is essential for occupational health physicians in order to determine preventive strategies and protocols. For this reason, TECH Technological University offers you the most complete specialization of the market in this very complete Postgraduate Certificate.





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Do not miss the opportunity to specialize in this exciting field with which you can improve your performance in your daily work and improve yourself personally and professionally”

The Postgraduate Certificate in Occupational Pathology has been designed by a team of professionals with years of experience in this field. They have created the course to meet the demands of today's market for specialized, online courses in occupational health and safety.

For this reason, and following TECH Technological University objective of offering superior quality specialization to professionals, this very complete Postgraduate Certificate has been created, in which we deal with the most innovative aspects of the pathologies that are related to work or affect an individual in their daily work. In this regard, we provide up-to-date information on respiratory pathologies, cardiocirculatory pathologies, injuries and diseases of the ear and upper respiratory tract, injuries and pathologies of the eyes, injuries and diseases of the skin and infectious diseases. Given their high incidence, special interest is also given to injuries and pathologies of the locomotor system, including aspects related to physiotherapy and rehabilitation.

In addition to the theoretical content, this Postgraduate Certificate contains practical cases in which the student is expected to be able to apply the knowledge to possible situations that occur in professional practice. In this way, the student, from the new knowledge acquired and the practical skills gained, will have the necessary tools to develop in the field of occupational health with guaranteed quality prevention and care.

In addition, this course has the advantage of being developed in a 100% online format, so students will be in charge of deciding when and where to study, distributing their study hours to suit them, so that they can combine their studying with the rest of their daily commitments.

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

- ♦ Practical cases presented by experts in occupational medicine.
- ♦ The graphic, schematic, and eminently practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice.
- ♦ Updates on occupational health and safety.
- ♦ Practical exercises where self-assessment can be used to improve learning.
- ♦ Emphasis on innovative methodologies in Occupational Medicine and Health.
- ♦ 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.



We offer you a complete Postgraduate Certificate to help you develop in the field of occupational health" Don't think twice and enrol with us"

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This Postgraduate Certificate is the best investment you can make when choosing a refresher programme to update your existing knowledge of Occupational Medicine"

The teaching staff includes professionals from the engineering sector, who bring their experience to this specialization program, as well as renowned 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 an immersive training experience designed to train for real-life situations.

This program is designed around Problem Based Learning, where the medical professional must try to solve the different professional practice situations that arise during the course. To do so, the specialist will be assisted by an innovative interactive video system created by renowned and experienced experts in Occupational Medicine.

We offer you an interactive video system which makes it easier for you to study this course.

Our 100% online training and our original educational methodology allow you to combine your studies with your other daily commitments.



02

Objectives

The main objective of the program is the development of theoretical and practical learning, so that the physician can master in a practical and rigorous way the tasks of Occupational Health and Safety.





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Our main objective is to help our students to achieve academic and professional excellence”



General Objectives

- ♦ Have sufficient knowledge to provide a basis or opportunity for originality in the development and/or application of ideas, often in a research context.
- ♦ Apply acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their area of study.
- ♦ Be able to integrate knowledge and face the complexity of making judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities linked to the application of their knowledge and judgments.
- ♦ Communicate its conclusions and the ultimate knowledge and rationale behind them to specialized and non-specialized audiences in a clear and unambiguous manner.
- ♦ Manage the learning skills that will enable them to continue studying in a largely self-directed or autonomous manner.



Be trained for success with this course that will help you develop in the field of occupational health and workplace safety”





Specific Objectives

- ♦ Gain up-to-date knowledge in the etiology, clinical manifestations, diagnosis and treatment of the most prevalent Respiratory diseases and their relationship with the work activity
- ♦ Gain up-to-date knowledge on the etiology, clinical manifestations, diagnosis and treatment of the most prevalent Dermatological diseases and their relationship with the work activity
- ♦ Gain up-to-date knowledge in the etiology, clinical manifestations, diagnosis and treatment of the most prevalent Cardiocirculatory pathologies and their relationship with the work activity
- ♦ Gain up-to-date knowledge in the etiology, clinical manifestations, diagnosis and treatment of the most prevalent Otorhinolaryngology diseases and their relationship with the work activity
- ♦ Gain up-to-date knowledge in the etiology, clinical manifestations, diagnosis and treatment of the most prevalent Ophthalmologic injuries and diseases and their relationship with the work activity
- ♦ Gain up-to-date knowledge on the etiology, clinical manifestations, diagnosis and treatment of the most prevalent Infectious diseases and their relationship with the work activity
- ♦ Gain up-to-date knowledge in the etiology, clinical manifestations, diagnosis and treatment of the most prevalent Traumatological injuries and diseases and their relationship with the work activity
- ♦ Gain up-to-date knowledge in Rehabilitation and Physiotherapy techniques in the treatment of injuries in the workplace

03

Course Management

The Postgraduate Certificate teaching staff includes leading experts in Occupational Medicine, who bring years of their own work experience to this programme. Additionally, other recognized experts participate in its design and preparation, completing the program in an interdisciplinary manner.





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The leading professionals in the field have come together to offer you the most comprehensive knowledge in this field, so that you can develop with total guarantees of success"

Management



Dr. Ditolvi Vera, Nilo Giancarlo

- Degree in Medicine and General Surgery.
- Master's Degree in Occupational Health and Safety (Pompeu Fabra University).
- Master's Degree in Valuation of Bodily Injury and Medical Expertise (University of Barcelona).
- Expert in Occupational Toxicology (University of Barcelona).
- Since 2011, he has been working in health surveillance, occupational epidemiology, technical support in industrial hygiene, toxicology, psychosociology and ergonomics in various external prevention services.
- He is currently working as an occupational physician, expert in toxicology, and technician in the area of ergonomics in the Department of Prevention PSA Zaragoza.



Professors

Dr. Girao, Italo

- University Studies in Medicine. Professional Academic School of Medicine San Luis Gonzaga National University, Peru. 1996-2002
- Homologation of the degree of Medical Surgeon to the equivalent official Spanish university degree.
- Graduate in Medicine. Ministry of Education and Science. Spain. 2006
- Postgraduate degree in Public Health Management. San Luis Gonzaga National University. Peru. 2004- 2005
- Medical Specialist in Occupational Medicine via MIR. Ministry of Education, Culture and Sports.
- Medical Specialist in Allergology via MIR. Ministry of Education, Culture and Sports.
- Medical specialist in Allergology and Clinical Immunology. Araba University Hospital. Vitoria/Gasteiz. Since 2016

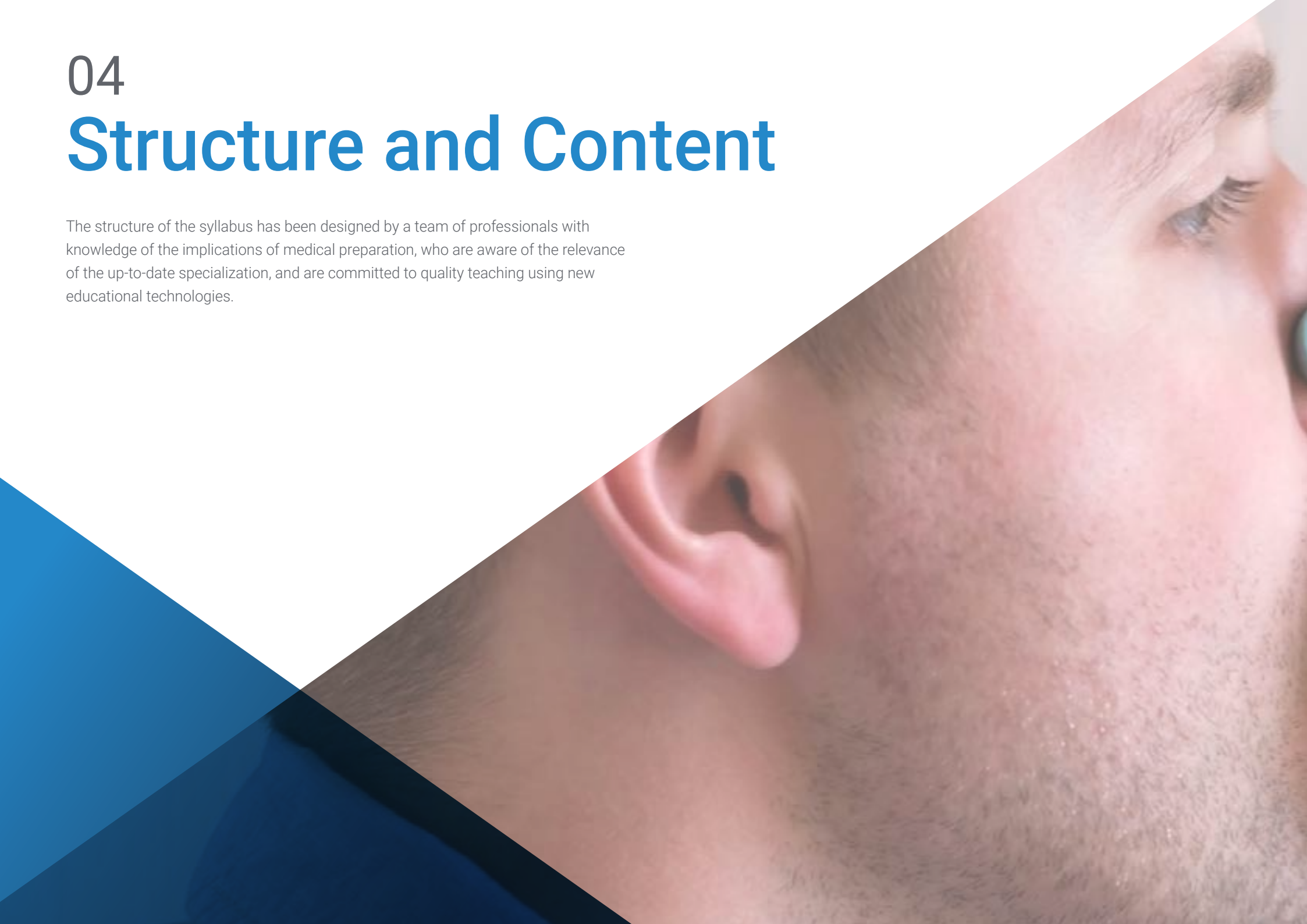


Take the leap to train with some of today's leading professionals. You will gain a competitive advantage in your profession"

04

Structure and Content

The structure of the syllabus has been designed by a team of professionals with knowledge of the implications of medical preparation, who are aware of the relevance of the up-to-date specialization, and are committed to quality teaching using new educational technologies.



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A comprehensive teaching program, structured in well-developed teaching units, oriented towards efficient and swift learning”

Module 1. Occupational Pathology

- 1.1. Diseases of the Respiratory System I
 - 1.1.1. Etiology, Etiopathogenesis and Classification
 - 1.1.2. Diagnosis of Respiratory Diseases
- 1.2. Diseases of the Respiratory System II
 - 1.2.1. Pneumoconiosis, Pneumonitis, Diseases Caused by Fumes, Gases, Aerosols, etc.
 - 1.2.2. Occupational Asthma, COPD, Neoplasms
- 1.3. Occupational Dermatology: Occupational Dermatitis, Cutaneous Cancer
- 1.4. Cardiac Pathology in the Workplace
- 1.5. Occupational ENT
- 1.6. Occupational Ophthalmology
- 1.7. Infections: TB, HIV, Viral Hepatitis
- 1.8. Occupational Traumatology I: Assessment of the Orthopedic Patient
- 1.9. Occupational Traumatology II: Common Pathologies of the Upper Extremity.
- 1.10. Occupational Traumatology III: Common Pathologies of the Inferiority Extremity.
- 1.11. Occupational Traumatology III: Common Pathologies of the Lower Extremity.
- 1.12. Physiotherapy and Occupational Rehabilitation





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*A unique, key, and decisive
specialization experience to boost
your professional development”*

05

Methodology

This training program 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 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. 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 potential or because of its uniqueness or rarity. It is essential that the case is based on current professional life, trying to recreate the real conditions in professional medical 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. Students who follow this method not only grasp concepts, but also develop their mental capacity by evaluating real situations and applying their 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. Students like to feel that the effort they put into their studies is worthwhile. This then translates into a greater interest in learning and more time dedicated to working on the course.



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.

The physician will learn through real cases and by solving 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 250,000 physicians 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 specialization, 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 teaching material is produced specifically for the course by the specialists who teach 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 introduce you to the latest techniques, to the latest educational advances, to the forefront of current medical techniques. 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 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.



06 Certificate

The **Postgraduate Certificate in Occupational Pathology** guarantees you, in addition to the most rigorous and up-to-date training, access to a Postgraduate Certificate issued by **TECH Technological University**.



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Successfully complete this specialisation and receive your university degree without travel or laborious paperwork”

This **Postgraduate Certificate in Occupational Pathology** 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 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 professionals career evaluation committees.

Title: Postgraduate Certificate in Occupational Pathology

ECTS: 6

Official Number of Hours: 150 hours.



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



**Postgraduate
Certificate**
Occupational Pathology

Course Modality: Online

Duration: 6 weeks

Certificate: TECH Technological University

6 ECTS Credits

Teaching Hours: 150 hours.

Postgraduate Certificate Occupational Pathology

