

Postgraduate Certificate Thoracic Surgery for Nursing





Postgraduate Certificate Thoracic surgery for Nursing

- » Modality: Online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 4 ECTS
- » Schedule: at your own pace
- » Exams: online

Website: www.techtute.com/us/nursing/postgraduate-certificate/thoracic-surgery-nursing

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01

Introduction

Nowadays, continuous specialization is required to achieve professional development and to be fully qualified to face the daily challenges of a constantly changing field such as healthcare. The surgical area is an environment whose characteristics differentiate it from the rest of the services where the majority of nursing professionals habitually develop competencies in their care, management, teaching and research functions. The evolution of techniques and technological advances make it essential for nursing professionals to update their knowledge in order to provide excellent surgical care.





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This Postgraduate Certificate in Thoracic Surgery for Nursing contains the most complete and up-to-date scientific program on the market”

Each of the wide variety of surgical interventions that are performed requires a specific procedure, a specific technique and the exclusive surgical material for that intervention. There are a series of steps and rules common to all of them that team members must know in detail, as well as how the entire surgical block functions so as to prevent and avoid the most common risks in professional practice. Being institutions aware of this, they demand academic profiles with a training that adapts to the requirements of their job and that are qualified and endorsed for the performance of the same.

This knowledge will facilitate the provision of quality care throughout the surgical process to ensure the safety of the patient and the professional himself at all times.



*Increase your skills in
the approach to Thoracic
Surgery for Nursing
through this program"*

This **Postgraduate Certificate in Thoracic Surgery for Nursing** contains the most complete and up-to-date scientific program on the market” Its most outstanding features are:

- ♦ Development of clinical cases presented by experts in the different areas of multidisciplinary knowledge. The graphic, schematic, and practical contents with which they are created provide scientific and practical information on the disciplines that are essential for professional practice.
- ♦ Thoracic Surgery for Nursing News
- ♦ An algorithm-based interactive learning system for decision-making in the clinical situations presented throughout the course.
- ♦ With special emphasis on evidence-based For Nursing and surgical nursing research methodologies.
- ♦ All of this will be complemented by 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

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This Postgraduate Certificate is the best investment you can make when selecting a refresher program, for two reasons: in addition to updating your knowledge in Thoracic Surgery for Nursing, you will obtain a qualification endorsed of Certificate by TECH Technological University”

Increase your decision-making confidence by updating your knowledge with this Postgraduate Certificate in Thoracic Surgery for Nursing.

Don't miss the opportunity to update your knowledge in Thoracic Surgery for Nursing to improve patient care.

Its teaching staff includes health professionals belonging to the field of surgical nursing, who contribute their work experience to this training, in addition to recognized specialists belonging to leading scientific societies.

Thanks to its multimedia content developed with the latest educational technology, they will allow the professional a situated and contextual learning, that is to say, a simulated environment that will provide an immersive learning programmed to prepare in real situations.

The design of the program is based on Problem-Based Learning, by means of which the nursing professional must try to solve the different professional practice situations that arise throughout the course. This will be done with the help of an innovative interactive video system developed by renowned experts in the field of nephrology with extensive teaching experience.



02

Objectives

The main objective of the program is the development of theoretical and practical learning, so that the nurse can master in a practical and rigorous way the study of Thoracic Surgery for Nursing.



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This refresher program will generate a sense of confidence when practising nursing, which will help you grow both personally and professionally”

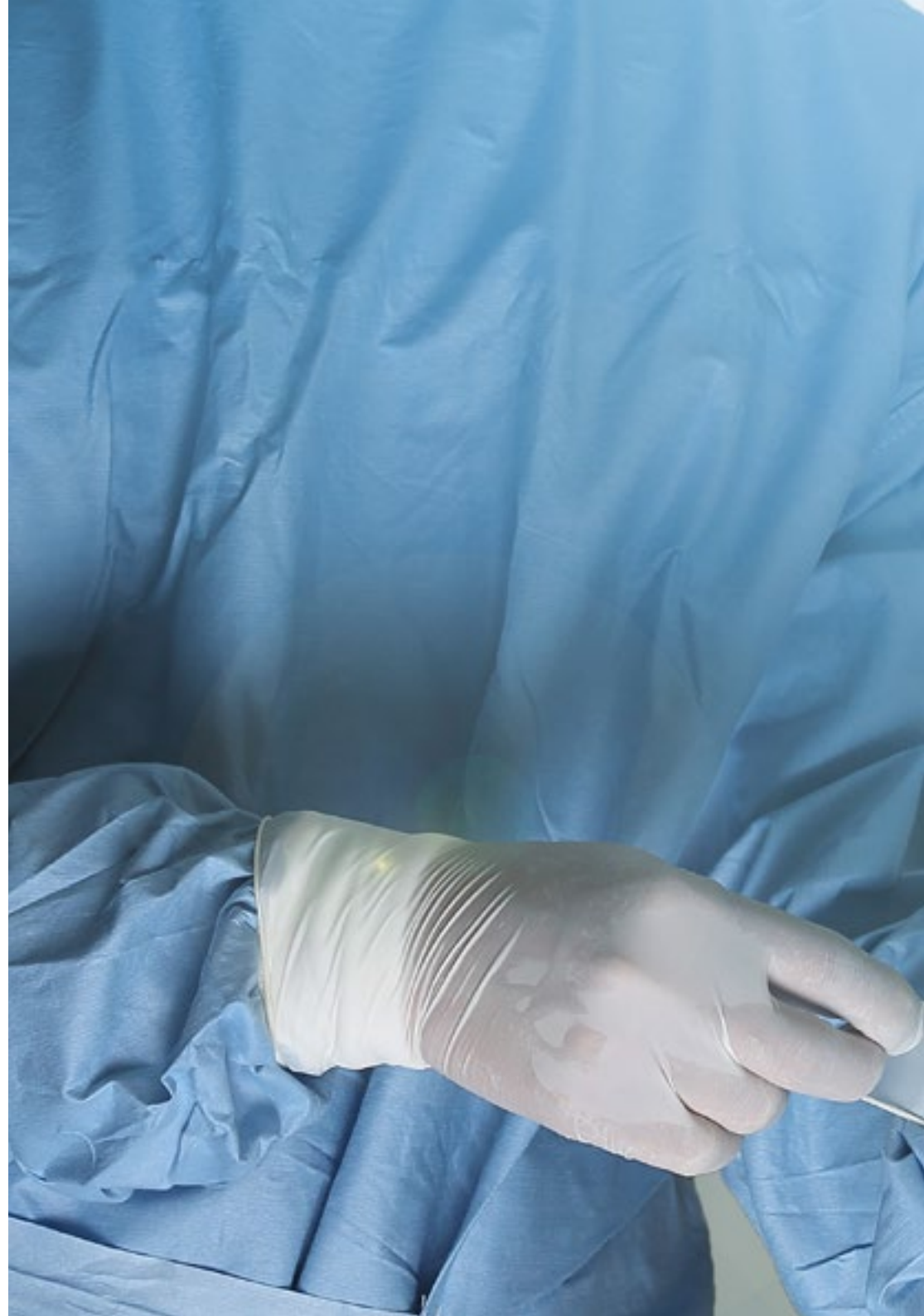


General Objectives

- Update your knowledge on advanced Nurse practice in perioperative care within the different medical-surgical specialities through nursing based on evidence
- Promote work strategies based on perioperative patient care, as a reference model in the achievement of healthcare excellence
- Encourage the acquisition of technical skills and abilities, through a powerful audiovisual system, and the possibility of development through online simulation workshops and/or specific education
- Encouraging professional development through research and dynamic and up-to-date continuous Training



Make the most of this opportunity and take the step to get up to date on the latest developments in Thoracic Surgery for Nursing”





Specific Objectives

- ◆ List the units collaborating with the thoracic surgery service
- ◆ Explain the usual protocols in each department
- ◆ Providing the necessary material for each surgical intervention
- ◆ Summarise the anatomo-physiology of the respiratory apparatus
- ◆ Justify the need for certain types of medicines inside a thoracic surgery operating theatre
- ◆ Identify the pathologies susceptible to be treated in the thoracic surgery operating theatre
- ◆ Differentiate between programmed and urgent pathologies
- ◆ Explain the proper handling and positioning of the different devices, , basic and specific instruments and , describe the surgical techniques used
- ◆ Identify chemical pleurodesis from mechanical pleurodesis, as well as the surgical technique to be followed
- ◆ Assess the psychological state of patients and develop relational tools to help alleviate the stress involved in the surgical process
- ◆ Identify hospitals that have a thoracic surgery department
- ◆ Determine the human and material resources needed to assist each surgery
- ◆ Define the surgical position of each intervention
- ◆ Integrate anatomical knowledge to describe the surgical technique for each intervention
- ◆ Generate the intraoperative nursing care document and prepare the patient for admission to the ward
- ◆ Develop a care plan using the intraoperative NANDA-NIC-NOC nomenclature

03

Course Management

This program includes in its teaching staff health professionals of recognized prestige, who belong to the field of surgical nursing and who pour into this Training the experience of their work.

In addition, renowned specialists, members of prestigious national and international scientific communities, are involved in designing and preparing the program.



A close-up photograph of a hand holding a surgical instrument. The instrument features a series of parallel metal rods and a prominent coiled spring mechanism. The background is a blurred green, suggesting a clinical or laboratory setting.

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Learn from leading professionals the latest advances in Thoracic Surgery for Nursing”

Management



Ms. Guzmán Almagro, María Isabel

- ♦ Professional Nurse Specialist in Comprehensive Nursing Care in Critical and Emergency Situations in Adults
- ♦ Surgical Block Nurse at the La Paz University Hospital. Madrid, Spain
- ♦ Master in Social Gerontology: Longevity, health and quality. University of Jaén
- ♦ University Specialist in Emergency Medicine Complutense University of Madrid
- ♦ Postgraduate Diploma in Digital Teaching for Nursing. Cardenal Herrera University. CEU
- ♦ Diploma in Nursing. University of Jaén
- ♦ Coordinator of several nursing programs in Spain
- ♦ Invited to the XII National Congress of Surgical Nursing, Hospital La Paz. Madrid, Spain



Ms. Bárzano Saiz, María Estela

- ♦ Operating Room Nurse at La Paz Hospital, Madrid
- ♦ Staff Nurse in Medical-Surgical Specialties and Palliative Care, Gregorio Marañón University Hospital, Madrid
- ♦ Intensive Care Unit, Gregorio Marañón University Hospital, Madrid
- ♦ Nurse of consultation and clinical analysis, Gran Vía Medical Center, Madrid
- ♦ Physiotherapist, FREMAP. General Ricardos Health Care Center. Madrid
- ♦ Physiotherapist, personalized physiotherapy treatments in consultation and collective cases. MIRASIERRA BALBRIUM SPA WELLNESS. Madrid
- ♦ Postgraduate Diploma in Nursing, Pontificia University of Salamanca
- ♦ Primary Care Nurse at Salamanca Health Center)
- ♦ Academic Director, San Pablo CEU University of Alicante



Ms. Alba López, Alicia

- ◆ Nurse Attending Hospital Universitario La Paz
- ◆ Postgraduate Certificate in Nursing
- ◆ Operating room nurse in the medical sections of La Paz University Hospital: Orthopedic Surgery, Traumatologic Surgery, Plastic Surgery, General Surgery

Professors

Ms. Carrero Villareal, Mercedes

- ◆ Nurse specialist in the surgical area and postoperative care
- ◆ Operating room nurse in the areas of general surgery and traumatology, Hospital Universitario de Ciudad Real
- ◆ Traumatology nursing service, Perpetuo Socorro Hospital, Albacete
- ◆ Nurse in the areas of traumatology, emergency gynecology, general surgery, urology and otorhinolaryngology, Infanta Sofia Hospital, San Sebastian de los Reyes
- ◆ Nurse in surgical areas of plastic surgery and cardiothoracic surgery, La Paz University Hospital
- ◆ Instrumentalist in traumatology at Nuestra Señora del Rosario Hospital
- ◆ Speaker at the 43rd AEEC Congress. Clinical Cases I

Ms. Palomares García, Vanessa

- ◆ Nurse expert in Hospital Emergencies
- ◆ Emergency Care Nurse in the Aragonese Health Service
- ◆ Nurse in Surgical Plants for the Aragonese Health Service
- ◆ Nurse in Oncologic Plants for the Aragonese Health Service
- ◆ Internal Medicine Nurse for the Aragonese Health Service in the Internal Medicine Department
- ◆ Nurse in private center of Sanitas
- ◆ Auxiliary Nurse in Neuropsychiatric Hospital del Carmen
- ◆ Master's Degree in Natural Disasters and Health Emergencies, Camilo José Cela University
- ◆ Degree in Nursing from San Jorge University

Ms. García Enciso, Carmen

- ♦ Nurse in the Traumatology Unit, La Paz Hospital. Madrid, Spain
- ♦ Nurse in rehabilitation and trauma resuscitation units
- ♦ Postgraduate Diploma in Nursing from the Alfonso X el sabio University
- ♦ Expert in advanced nursing care

Ms. Malpartida Méndez, Alba

- ♦ Nurse expert in Pediatric Surgery
- ♦ Surgical Nurse at Quirón Salud
- ♦ Nurse at the 12 Octubre Hospital
- ♦ Graduate in Nursing

Ms. López Quesada, Teresa

- ♦ Assistant Director of Nursing at La Paz University Hospital
- ♦ Unit Supervisor. Surgical Hospitalization. Traumatology La Paz University Hospital
- ♦ Nurse in Surgical Block, Neurosurgery and Cardiothoracic Surgery. La Paz University Hospital
- ♦ Nurse in critical care, operating room and hemodynamics Gregorio Marañón University Hospital Gregorio Marañón University Hospital
- ♦ Head of the Resuscitation Unit, URPA, CMA. Infanta Sofía University Hospital
- ♦ Nurse in the Intensive Care Unit. Nuestra Señora del Rosario Hospital
- ♦ Master in Nursing Services Management. National University for Distance Learning. U.N.E.D

Ms. Vitini Manso, Rosales

- ♦ Operating theatre nurse in gynaecology and obstetrics at University Hospital La Paz since 2004

Ms. Valero Calvo, Jara

- ♦ Operating Room Nurse, Ophthalmology Specialties, University Hospital La Paz, Madrid
- ♦ University Expert Degree in Advanced Applied Nursing Care from the University of León
- ♦ Nurse research collaborator for the Fundación Biomédica del Hospital Universitario Gregorio Marañón in the project: "Effectiveness of an early intervention in the diagnosis and treatment of hyponatremia for the prevention of falls in hospitalized patients."
- ♦ Publication of the Research Project: "The experience of the school child after burns" published by the INVESTEN Committee at the International Meeting on Research in Care

Ms. Valero Villar, Ana María

- ♦ Operating Room Nurse since 2008 in the specialties of Traumatology and Plastic Surgery
- ♦ Advanced Operating Room Nurse Specialist
- ♦ Nurse in Traumatology and Plastic Surgery at Gregorio Marañón University Hospital in Madrid
- ♦ Nurse in Traumatology and Orthopedics at La Paz in Madrid University Hospital
- ♦ Postgraduate Diploma in Nursing in the surgical area, Anesthesia and Resuscitation. School of Health Sciences
- ♦ Postgraduate Diploma in Health Promotion in the Community. UNED

Ms. Gonzalez San José, Raquel

- ♦ Advanced Operating Room Nurse Specialist
- ♦ Attending Nurse at from La Paz Hospital
- ♦ Surgical Area Nurse in General Surgery. La Paz University Hospital

Ms. Berrocal Antelo, Amaya

- ♦ Operating Surgical Nurse in the operating room of several specialties, Hospital Doce de Octubre
- ♦ Instrumentalist, Neurosurgery team, Hospital la Zarzuela
- ♦ Surgical area nurse in the operating theatre of various specialties and CMA, Hospital la Zarzuela
- ♦ Diploma in Nursing at the EUE and Physiotherapy San Juan de Dios, in the teaching unit of San Rafael, Comillas
- ♦ Higher Level Training Cycle. Higher Technician in Dietetics and Nutrition

Ms. Jiménez Ramos, Irene

- ♦ Surgical nurse in gynecological and obstetric surgery, and in general surgery operating theatres at the University Hospital Universitario La Paz
- ♦ Operating room pool for all surgical specialties in Hospital Universitario Ramón y Cajal
- ♦ External collaboration as author and coordinator of opposition abstracts for the Paradigma Group
- ♦ Author of several scientific articles: Nursing care processes for a preterm newborn in the neonatal intermediate care unit. Electronic Journal of Medical Portals

Ms. Abellán Cuadrado, Mryam

- ♦ Operating Room Nurse in La Paz University Hospital, Madrid, España
- ♦ Nurse accredited by the General Direction of Research, Teaching and Documentation. Ministry of Health. Community of Madrid
- ♦ Diploma in Nursing from the Autonomous University of Madrid
- ♦ Co-author of the book: Advanced Operating Room Nursing by Editorial TECH Education, Rights & Technologies, S.L

Ms. Valverde Girón, Laura

- ♦ Specialties of Orthopedic and Traumatologic Surgery, General Surgery, Plastic Surgery and Gynecologic Surgery
- ♦ Surgical Nurse Specialist in Orthopedic and Traumatologic Surgery
- ♦ Surgical Nurse in Orthopedic and Traumatologic Surgery, General Surgery, Plastic Surgery and Gynecological Surgery. La Paz University Hospital
- ♦ Nursing Service in the specialties of: Orthopedic and Traumatologic Surgery, General Surgery, Plastic Surgery and Gynecological Surgery. Cantoblanco Hospital
- ♦ Operating Room Nurse at the Santa Cristina University Hospital in Madrid

Ms. Teresa Lora, Ana Isabel

- ♦ Specialist Nurse in the Operating Room, School of Health Sciences
- ♦ Nurse at the service of operating rooms and various medical specialties at the Infanta Sofia Hospital
- ♦ Operating Room Nurse in Urology, Infanta Sofia Hospital, Madrid
- ♦ Operating room internship tutor, Complutense and European Universities

Ms. Rubio Martín, María Eugenia

- ♦ Nurse in the urology service at Infanta Sofia Hospital, Madrid. Spain BORRAR
- ♦ Operating Room Nurse at Infanta Sofía Hospital, Madrid. Spain BORRAR
- ♦ Tutor of students in EU internships, UCM
- ♦ Postgraduate Diplomea in Operating Room

Ms. Colomar Marroig, Aina

- ♦ Operating theatre nurse in gynaecology and obstetrics at University Hospital La Paz since 2004

04

Structure and Content

The structure of the contents has been designed by a team of professionals knowledgeable about the implications of Training in daily nursing practice, aware of the relevance of current specialization in order to be able to act before the surgical patient and committed to quality teaching through new educational technologies.





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Module 1. Thoracic surgery

- 1.1. Particularities in Thoracic Surgery
- 1.2. Respiratory System Anatomophysiology
- 1.3. Tracheal Surgeries
- 1.4. Lung Surgeries
- 1.5. Other Surgeries





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

05

Study Methodology

TECH is the world's first university to combine the **case study** methodology with **Relearning**, a 100% online learning system based on guided repetition.

This disruptive pedagogical strategy has been conceived to offer professionals the opportunity to update their knowledge and develop their skills in an intensive and rigorous way. A learning model that places students at the center of the educational process giving them the leading role, adapting to their needs and leaving aside more conventional methodologies.



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TECH will prepare you to face new challenges in uncertain environments and achieve success in your career”

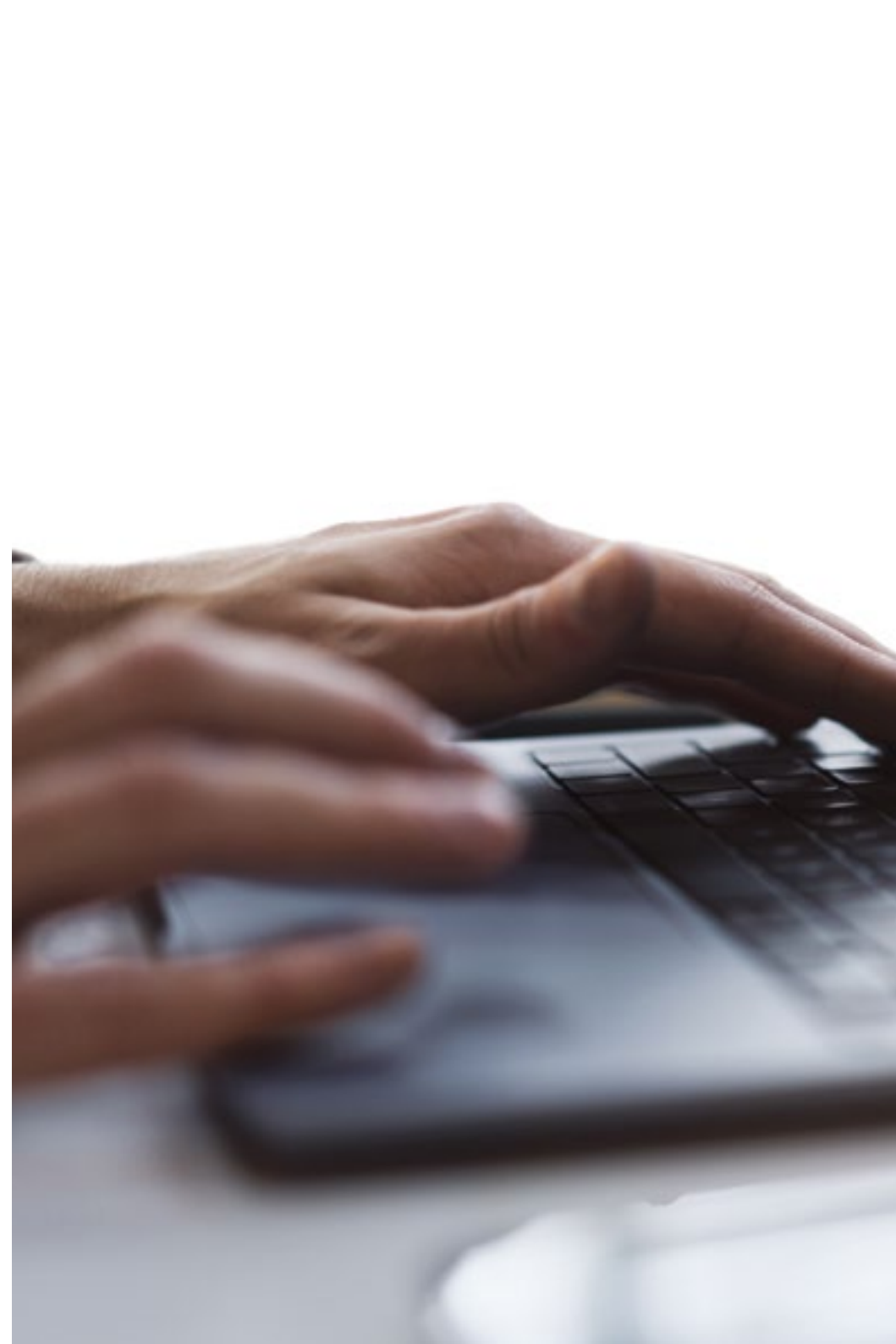
The student: the priority of all TECH programs

In TECH's study methodology, the student is the main protagonist. The teaching tools of each program have been selected taking into account the demands of time, availability and academic rigor that, today, not only students demand but also the most competitive positions in the market.

With TECH's asynchronous educational model, it is students who choose the time they dedicate to study, how they decide to establish their routines, and all this from the comfort of the electronic device of their choice. The student will not have to participate in live classes, which in many cases they will not be able to attend. The learning activities will be done when it is convenient for them. They can always decide when and from where they want to study.

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*At TECH you will NOT have live classes
(which you might not be able to attend)”*



The most comprehensive study plans at the international level

TECH is distinguished by offering the most complete academic itineraries on the university scene. This comprehensiveness is achieved through the creation of syllabi that not only cover the essential knowledge, but also the most recent innovations in each area.

By being constantly up to date, these programs allow students to keep up with market changes and acquire the skills most valued by employers. In this way, those who complete their studies at TECH receive a comprehensive education that provides them with a notable competitive advantage to further their careers.

And what's more, they will be able to do so from any device, pc, tablet or smartphone.

“*TECH's model is asynchronous, so it allows you to study with your pc, tablet or your smartphone wherever you want, whenever you want and for as long as you want*”

Case Studies and Case Method

The case method has been the learning system most used by the world's best business schools. Developed in 1912 so that law students would not only learn the law based on theoretical content, its function was also to present them with real complex situations. In this way, they could make informed decisions and value judgments about how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

With this teaching model, it is students themselves who build their professional competence through strategies such as Learning by Doing or Design Thinking, used by other renowned institutions such as Yale or Stanford.

This action-oriented method will be applied throughout the entire academic itinerary that the student undertakes with TECH. Students will be confronted with multiple real-life situations and will have to integrate knowledge, research, discuss and defend their ideas and decisions. All this with the premise of answering the question of how they would act when facing specific events of complexity in their daily work.



Relearning Methodology

At TECH, case studies are enhanced with the best 100% online teaching method: Relearning.

This method breaks with traditional teaching techniques to put the student at the center of the equation, providing the best content in different formats. In this way, it manages to review and reiterate the key concepts of each subject and learn to apply them in a real context.

In the same line, and according to multiple scientific researches, reiteration is the best way to learn. For this reason, TECH offers between 8 and 16 repetitions of each key concept within the same lesson, presented in a different way, with the objective of ensuring that the knowledge is completely consolidated during the study process.

Relearning 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.



A 100% online Virtual Campus with the best teaching resources

In order to apply its methodology effectively, TECH focuses on providing graduates with teaching materials in different formats: texts, interactive videos, illustrations and knowledge maps, among others. All of them are designed by qualified teachers who focus their work on combining real cases with the resolution of complex situations through simulation, the study of contexts applied to each professional career and learning based on repetition, through audios, presentations, animations, images, etc.

The latest scientific evidence in the field of Neuroscience points to the importance of taking into account the place and context where the content is accessed before starting a new learning process. Being able to adjust these variables in a personalized way helps people to remember and store knowledge in the hippocampus to retain it in the long term. This is a model called Neurocognitive context-dependent e-learning that is consciously applied in this university qualification.

In order to facilitate tutor-student contact as much as possible, you will have a wide range of communication possibilities, both in real time and delayed (internal messaging, telephone answering service, email contact with the technical secretary, chat and videoconferences).

Likewise, this very complete Virtual Campus will allow TECH students to organize their study schedules according to their personal availability or work obligations. In this way, they will have global control of the academic content and teaching tools, based on their fast-paced professional update.



The online study mode of this program will allow you to organize your time and learning pace, adapting it to your schedule”

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

1. Students who follow this method not only achieve the assimilation of concepts, but also a development of their mental capacity, through exercises that assess real situations and the application of knowledge.
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 course.

The university methodology top-rated by its students

The results of this innovative teaching model can be seen in the overall satisfaction levels of TECH graduates.

The students' assessment of the teaching quality, the quality of the materials, the structure of the program and its objectives is excellent. Not surprisingly, the institution became the top-rated university by its students according to the global score index, obtaining a 4.9 out of 5.

Access the study contents from any device with an Internet connection (computer, tablet, smartphone) thanks to the fact that TECH is at the forefront of technology and teaching.

You will be able to learn with the advantages that come with having access to simulated learning environments and the learning by observation approach, that is, Learning from an expert.



As such, the best educational materials, thoroughly prepared, will be available in this program:



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.

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.



Practicing Skills and Abilities

You will carry out activities to develop specific competencies and skills in each thematic field. Exercises and activities to acquire and develop the skills and abilities that a specialist needs to develop within the framework of the globalization we live in.



Interactive Summaries

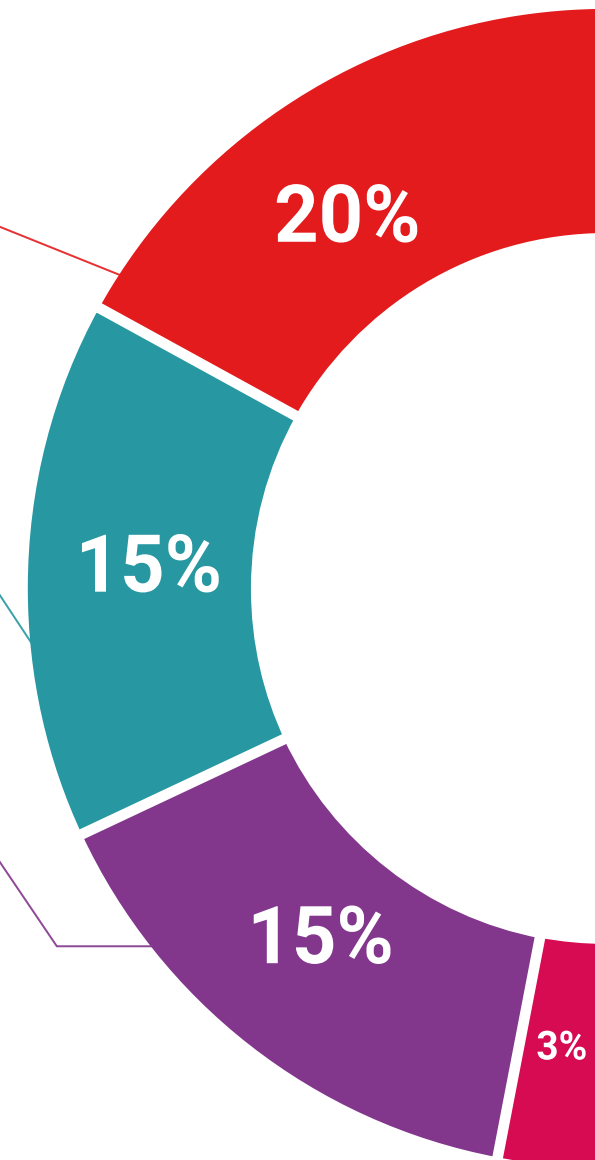
We present the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

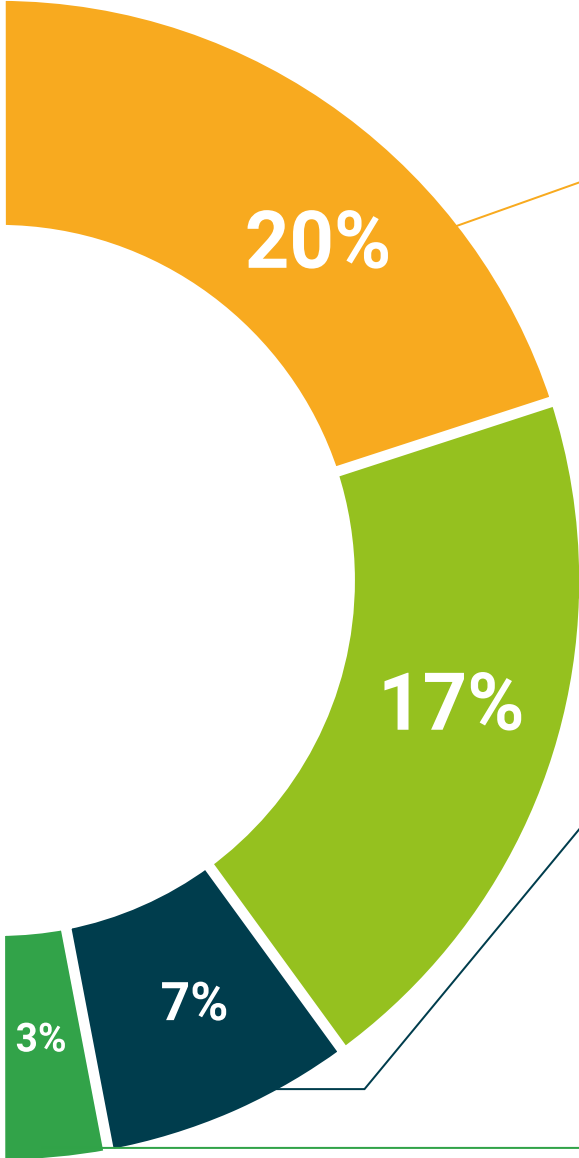
This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".



Additional Reading

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





Case Studies

Students will complete a selection of the best case studies in the field. Cases that are presented, analyzed, and supervised by the best specialists in the world.



Testing & Retesting

We periodically assess and re-assess your knowledge throughout the program. We do this on 3 of the 4 levels of Miller's Pyramid.



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 for 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 Thoracic Surgery for Nursing guarantees students, in addition to the most rigorous and up-to-date education, access to a Postgraduate Certificate issued by TECH Global University.



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

This private qualification will allow you to obtain a **Postgraduate Certificate in Thoracic Surgery for Nursing** 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 Certificate in Thoracic Surgery for Nursing**

Modality: **online**

Duration: **6 Weeks**

Accreditation: **4 ECTS**



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



Postgraduate Certificate Thoracic surgery for Nursing

- » Modality: Online
- » Duration: 6 weeks
- » Certificate: TECH Global University
- » Accreditation: 4 ECTS
- » Schedule: at your own pace
- » Exams: online

Postgraduate Certificate Thoracic Surgery for Nursing

